

SECRETARIAT OF THE PACIFIC REGIONAL ENVIRONMENT PROGRAMME

Annual Report

2022



**SPREP
PROE**

A resilient Pacific environment sustaining our livelihoods and natural heritage in harmony with our cultures.

The Secretariat of the Pacific Regional Environment Programme (SPREP) is the lead regional organisation for the protection and sustainable development of Pacific Island environments. SPREP was established by its Member governments in 1992 to support cooperation and coordination on environmental matters in the region. The agreement establishing SPREP came into force in 1993, officially making the organisation an autonomous body.

With its main headquarters in Apia, Samoa, SPREP works closely with its 26 Member countries and territories – along with partners, donors and local communities – to deliver on environmental management and sustainable development in the region in four priority areas:

BIODIVERSITY AND ECOSYSTEM MANAGEMENT

CLIMATE CHANGE RESILIENCE



WASTE MANAGEMENT AND POLLUTION CONTROL

ENVIRONMENTAL MONITORING AND GOVERNANCE

Acknowledgements

In our efforts to fulfil our vision of ‘a resilient Pacific environment, sustaining our livelihoods and natural heritage in harmony with our cultures’, as highlighted in this 2022 Annual Report, the Secretariat of the Pacific Regional Environment (SPREP) is extremely grateful to our valued Members, development partners, donors, our CROP family, and stakeholders. Without your meaningful, long lasting, and productive partnership and collaboration, we would not have been able to accomplish our key results and outcomes in 2022.

We would also like to thank the Government of Australia (DFAT) and the Government of New Zealand (MFAT) for their significant contribution to SPREP core and programme funding including the annual contribution from the People’s Republic of China. We sincerely appreciate your contribution in supporting our work towards a resilient Pacific environment.

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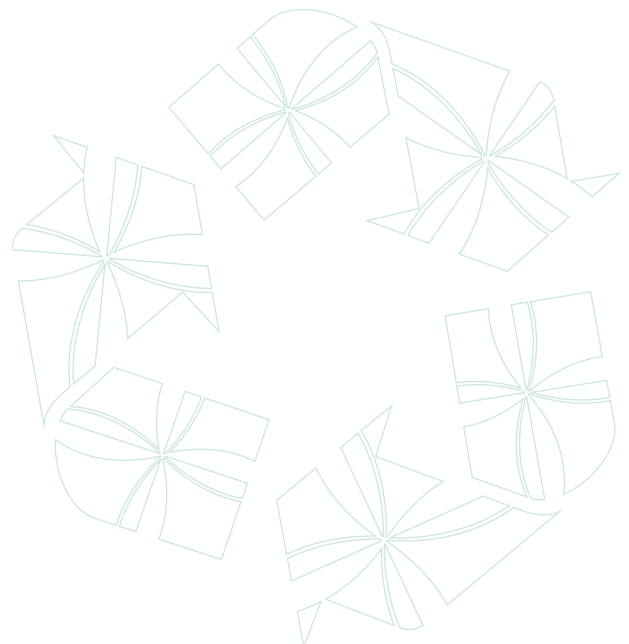
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OUR VISION: *A resilient Pacific environment sustaining our livelihoods and natural heritage in harmony with our cultures.*



Photo: L. Reupena

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Message from the Chair

Malo e lelei!

Time has certainly flown by quickly and it feels like it was just yesterday when I chaired the 3rd SPREP Executive Board meeting, where I called for active engagement from all our members to ensure positive outcomes are achieved, to guide our work for a resilient Pacific.

It was not an easy task at the time given the challenges presented by the unpredictable and unsettling nature of the COVID-19 pandemic, which impacted all our communities. The Secretariat's ability to deliver and implement in-country activities was certainly impacted by border restrictions. Thankfully that is now slowly becoming a thing of the past.

Today, as we pause to reflect on the work of the past year detailed in the pages of this 2022 SPREP Annual Report, I can confidently say that our collective effort to combat the impact of the triple crises of climate change, biodiversity loss, and pollution on people and communities, continues to make a tangible difference in the lives of the people we exist to serve.

As the Chair of the 3rd Executive Board of the Secretariat of the Pacific Regional Environment Programme, I want to say that it has been a pleasure to be part, and to have witnessed the unwavering commitment and dedication from the SPREP team, our Members and all our partners, towards the fulfilment of our vision for a resilient

Pacific environment, one that will sustain our livelihoods and natural heritage in harmony with our cultures. This vision is at the heart of what we do, I believe it is important that we remind ourselves time and time again. For it is our vision that determines our priorities, it is the guiding light for our work in the implementation of activities, programmes and projects to achieve the regional and organisational goals in our Strategic Plan.

SPREP has come a long way. The Treaty that established SPREP as an autonomous body was signed on 16 June 1993 but its presence in the region preceded that. SPREP's work began in the late 1970s as a joint initiative of the Pacific Community (SPC), the

UN Environment Programme and the UN Economic and Social Commission for Asia and the Pacific. Following a period of expansion and long deliberation, SPREP relocated from the Secretariat of the Pacific Community (SPC) in New Caledonia to Samoa in 1992 becoming an independent inter-governmental organisation. It's beginning in Apia was humble and simple, starting in an old copra factory at Vaitele. Fast forward to today, SPREP has grown in size and stature, boasting a multi-compound complex at Vailima, with a staff of over 150 people spread across Samoa and regional offices in Fiji, Republic of the Marshall Islands, and Vanuatu.

The services SPREP provides to our Pacific Island Members have expanded in correlation to the emerging environmental challenges and the support required to meet these. We live in very challenging and uncertain times, exacerbated by the unpredictable nature of war and strife in different parts of the world as well as the COVID-19 pandemic, and other health challenges.

In the Pacific, the most pressing issue of our time is the impact of the triple planetary crises on our villages and communities. When I look out here in Tonga, I see the reality of extreme weather conditions, ocean acidification, coral bleaching, marine litter and pollution and biodiversity loss. The impact of coastal erosion, loss of coral reefs coupled with the ever-present threat of rising of sea-levels, three times higher than the global average, cannot be ignored.

Our country is the third most vulnerable country in the world to the adverse effects of climate change and on no other time was this so acutely felt than on 15 January 2022 when Tonga experienced a volcanic explosion equal to none in our living history. Homes were destroyed; lives were lost, and entire communities remain deeply traumatised by the sonic

explosions and resulting tsunami waves. Population displacement has now become a permanent concern for our people, among countless other challenges, including finding basic necessities like clean drinking water.

As people of the Moana, Tongans share a deep connection to the Ocean. Livelihoods depend on fisheries and ocean resources for food, transport, economic development and culture. And while historically the Tongan people, as with all Pacific communities, have always shown resilience in the face of such natural disasters, our ability to respond to the increasing multiplicity of disasters, and the increasing severity and intensity of extreme weather patterns, continues to take a beating.

How long can our Pacific communities keep on fighting? How long can we continue to be resilient? And how long can the rest of the world continue to ignore our pleas before we see total destruction and irreversible damage to our precious planet earth?

The truth is that we don't have the luxury of time. The inherent physical attributes of our islands in the Pacific Ocean make the impact of the triple crises of climate change, biodiversity loss, and pollution,

as well as other emerging environmental challenges, the greatest threat of our time.

We cannot stay silent; and we must never stop fighting for our survival. As the impacts of the triple planetary crises are inter-generational, and our actions and decisions today will have a major bearing on the future of our people. This is why the work we do matters.

The stories and highlights in the 2022 SPREP Annual Report you are reading reflects a tenacious attitude and an unwavering commitment to fulfill our duty to serve our Pacific people and member countries to the best of our ability, despite multiple challenges before us, including COVID-19.

I am encouraged by the highlights of the work during the past year from the Director General's remarks as well as the High Level Summary of key results from 2022 to 2023. The Secretariat Highlights provide a snapshot of key achievements and the Cross-Cutting issues section gives us a lot of lessons on what and where we can improve. The Annual Statement on Internal Control for the Financial Year 2022 is encouraging. As the Pacific region's key inter-governmental organisation for environment and sustainable development, SPREP's work

to promote cooperation and to provide assistance to protect and improve our environment, ensuring sustainable development for present and future generations, has never been more important.

I would like to acknowledge with gratitude the Director General of SPREP, Mr Sefanaia Nawadra for his tireless efforts in navigating our vaka as we sail towards a resilient Pacific environment.

I want to thank all our 26 Member countries and territories, and our local communities for their support. We do not operate in a vacuum and our work is not in isolation; we are grateful for our regional and global partners and donors for their contribution to the protection and management of the environment and natural resources of the Pacific.

Lastly, I want to show our appreciation to the people in the engine room, the hardworking staff of SPREP in Samoa and all over the world, who are at the forefront of our efforts to fulfil our vision of 'a resilient Pacific environment, sustaining our livelihoods and natural heritage in harmony with our cultures.'

From the Chair, and the people of the blue Pacific region,

Malo Aupito!

Mr Paula Pouvalu Ma'u



Chair of Third Executive Board Meeting, Chief Executive Officer of Tonga's Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communication (MEIDECC)

Message from the Director General

Photo © Stuart Chape 2022

Ni bula vinaka saka!

The Pacific Islands region is world-renowned for our pristine beaches, turquoise waters, vibrant forests, colourful reefs, happy and friendly people, and communities. While this postcard image is true, our Pacific environment, ocean and people suffer from or are threatened by the devastating impacts of the triple planetary crises of climate change, biodiversity loss, and pollution.

We, as a Secretariat have the mandate of our Member states to promote cooperation in the Pacific region to provide or mobilise assistance to protect and improve our environment and to ensure sustainable development for present and future generations. There is a very important proviso to this mandate that this should be within our Pacific cultural context and values. As the Director General of SPREP, I speak on our behalf as a Secretariat that we are honoured and humbled to work with our Members and partners to collectively implement measures to mitigate and adapt to the impacts of the triple planetary crises.

In carrying out our work we build on the efforts of those who go before us. I want to acknowledge those who have been in this role before me, especially my predecessor Kosi Latu. I want to thank him for his exemplary leadership through the difficult time of the COVID-19 pandemic that significantly changed the way we work and interact. I want to thank SPREP Members for placing their trust in me to lead this organisation.

I started in this role on 1 April, soon after borders reopened across our Pacific after nearly two years of COVID-19 lockdowns and travel restrictions. With every hardship there comes opportunity if you are committed to overcome. The pandemic isolation and quarantine protocols forced us to build our capacity to host and deliver virtual meetings and trainings. We continue to strengthen this capacity as an additional tool in providing services to members and to help with rationalising travel.

Our 3rd SPREP Executive Board Meeting chaired by Tonga convened virtually in

September. We made key decisions to guide the work of the Secretariat and serve the needs of our region. Decisions¹ included:

- Support for the 2050 Strategy for the Blue Pacific Continent and the Secretariat's ongoing engagement in the implementation of the Leaders decisions including the implementation of the 2050 Strategy.
- Commitment as SPREP Members to the INC process to negotiate a global legally binding treaty to address plastic pollution.
- Support to Members in the BBNJ negotiations.
- Approval of the Sustainability Plan for SPREPs Programme of Support for Protected Areas.
- Approval of the Pacific Access and Benefit Sharing Guidelines and support of its implementation; and
- Approval of the Regional Guidance Note on Coastal Engineering Good Practice in Environmental Impact Assessment for Pacific Island Countries and Territories.

The 2050 Strategy endorsed by our Pacific Leaders in Suva, Fiji as the "Pacific's North Star" – the guiding framework for sustainable development of our Blue Pacific region. In 2023, we will continue to work as a member of the Council of Regional Organisations of the Pacific (CROP) with our Member states and partners in mapping out its implementation framework, together with a review of the regional architecture. CROP is also continuing to strengthen cooperation and has established a mechanism to work closer with UN agencies.

SPREP is working collaboratively with SPC on ecological security bringing together the biosecurity work of SPC and invasive species work of SPREP to help countries in this important area for the region. This was an outcome of the First Pacific Ecological Security Conference hosted by Palau in October and has strong support from Australia, New Zealand and the United States who have many scientific institutions and universities working in this area.

¹ All meeting decisions available from the Third SPREP Executive Board Meeting Report https://www.sprep.org/sites/default/files/documents/publications/SPREP_3rdEBM_FinalReport.pdf

I visited the Cook Islands as part of our close collaboration to participate in the Pacific Tourism Organisation (SPTO) Ministerial Meeting. The environmental monitoring and governance support given to SPTO has paid dividends through the sustainable development approach by the tourism sector exploring Nature-based Solutions and valuing the role of their environment, as an asset that requires careful and continued management and oversight.

ACP MEAs Phase III is our longest running project and continues to build capacity in waste and biodiversity MEAs, strengthen the Secretariat for the Noumea Convention and help address Ocean issues. It is the best good case study of how a well-designed project can contribute effectively to our work beyond its limited funding. There is an exciting new partnership with the World Bank on environmental governance and safeguards, that will further strengthen this area for our Members in the future.

The Pacific Ocean Litter Project (POLP) and GEF ISLANDS under the Waste Management and Pollution Control programme is progressing well. Noting the delays due to COVID-19 the POLP continues under a new modality funded by Australia and implemented by SPREP.

The Climate Change Resilience programme has a new global project which is the Intra-ACP Climate Services and Related Applications (ClimSA). Likewise, we partner with the SPC and PIFS in running the Pacific NDC Hub. It is pleasing to witness the trend where the Secretariat is a partner of choice as the Pacific hub of global projects including ACP MEAs Phase 3, ClimSA, GEF Islands and the Regional Pacific Nationally Determined Contribution Hub.

The Environmental Monitoring and Governance programme is completing the implementation of the Inform Project. We now have a good nucleus of national data portals, agreed indicators and trained practitioners but they will need continued support. The Executive Board endorsed the development of a project to continue this work through country STAR contributions under GEF 8.

Partnerships underly much of our work hence being sought as a partner of choice is critical and augurs well for our Pacific Island region. We have signed many MOU in 2022 and in the last quarter renewed memoranda of understanding with long established partners UNEP and the CBD Secretariat. Other partners including FAO, Victoria University of Wellington, Peace Corp and Landcare NZ have expressed a desire to have an MOU or to renew with SPREP, which we will continue to work towards in 2023.

Amplifying our Pacific voice across the international fora saw a hectic last quarter. At COP27 in Sharm el-Sheikh, Egypt SPREP led the One CROP mechanism to support our 300 plus Pacific Island delegates. As in previous years SPREP also managed and coordinated the joint office and meeting spaces, as well as the Moana Blue Pacific Pavilion that held 75 events including more than 30 high-level events. This work being generously supported by Aotearoa, New Zealand with additional support from the Government of Ireland.

We supported Pacific Members in Uruguay for the first session of the Intergovernmental Negotiating Committee (INC-1). The aim of the INC to work towards a legally binding instrument on plastic pollution with the ambition to complete the negotiations by the end

of 2024. The Secretariat support continued at the 15th session of the Convention on Biological Diversity in Montreal, Canada with the negotiations for the Post-2020 Global Biodiversity Framework, the key outcome of the meeting. The technical support helped ensure our Pacific priorities are incorporated in the Framework that will guide global action on nature through to 2030, in particular continued recognition of the unique and special circumstances of small island developing States, with respect to access to financial resources, capacity-building, technical and scientific cooperation, and transfer of technology to help us fully implement the Framework.

All of the work we do across our strategic priorities includes teams of people behind the scenes, that enables our work to be done on the ground, and across the regional and international for a. This support ensures what we do is strategically planned, coordinated, actioned and reported in a timely, transparent and accountable manner. Increasing the capacity of our administrative, finance and human resource functions to align with our increasing number of projects and activities is a longstanding challenge we continue to face that I intend to resolve through the support of our Members and partners.

I wish to acknowledge the generous financial assistance of Australia and New Zealand, our two who continuously

provide direct multiyear core budget and project support. The work we do cannot be done without the support of key donors like the European Union, Japan, France and the UN. I also acknowledge our Members, Partners and staff for their continued support that has helped shape SPREP to be the organisation it is today.

As we stand on the eve of the 30th Anniversary of the signing of the SPREP Treaty and our establishment as an independent organisation, I'm under no illusion about the magnitude of the challenges before us but I view our work as a calling and I am excited about the possibilities ahead of us.

As Pacific people, we have the high moral position when it comes to negotiating solutions to the triple planetary crises of climate change, biodiversity loss, and pollution. We don't contribute significantly the causes of these crises but unfortunately, we are amongst the first countries and region to feel the impacts. This is why when we speak, others listen, because our context plays on the conscience of those who are there, even those who oppose the positions we take. We need to continue to be the world's conscience, continue to utilise every avenue to get our views across as we work collectively to deliver on the conservation and protection of our Blue Pacific environment, for present and future generations. For climate change – we need to continue to remind and advocate for "1.5 to Stay Alive."

Sa vinaka saka!

Sefanaia Nawadra

Director General, SPREP



High Level Summary

Key results for SPREP in 2022



INTRODUCTION

For every challenge there is always an opportunity. While most of us, if not all, would prefer to live a life without challenges, it is well documented that our ability to respond and overcome challenges thrown our way, at the most inconvenient of times, determines growth.

At the Secretariat of the Pacific Regional Environment Programme, 2022 was a year of challenges, opportunities and continued growth and resilience. The continued growth and resilience of SPREP is a testament to the unwavering commitment by your Secretariat, including SPREP Members and Partners which have made it possible for SPREP to achieve positive results, for the conservation and protection of our Pacific environment for present and future generations, despite the challenges.

The biggest challenge the world had to confront during the period covered in this Annual Report was the COVID-19 pandemic. SPREP, our partners, our Members and the communities we serve were not immune. The pandemic and the multi-layered challenges it brought, however, presented many opportunities to grow and build our resilience.

We adapted to the reality of border closures, we adjusted to allow our work to still be delivered virtually and for our staff to be able to do this remotely, we had to be innovative and strategic in our approaches. There was an increased use of e-learning to deliver trainings, virtual platforms to convene meetings and stakeholder consultations, and the engagement of more local experts to deliver activities on the ground in collaboration with Pacific Island governments and partners.

Towards the end of 2022, the borders began to open again, and work as we knew it pre-COVID-19 resumed. We leapt to the task at hand with a spring in our step, revitalised and excited to reconnect face to face once again. But we are better prepared with a new weapon in our arsenal, the lessons from the COVID-19 period, which we will continue to draw upon.

Whilst we were adapting and adjusting to the impacts of COVID-19, we also had to step up our efforts to address the devastating impacts of the triple planetary crises of climate change, biodiversity loss, and pollution on our Pacific communities.

OVERALL PERFORMANCE

This Annual Report is focused on the 2022 Overall Performance aligned to the goals of Strategic Plan 2017–2026, which highlights our commitment to implement the activities, programmes, projects and clearly charts our path forward ensuring that we continue to take a more integrated, focused, programmatic approach to achieve the strategic priorities identified.

The implementation of the Strategic Plan 2017–2026 is assessed through the Performance Implementation Plan (PIP), which provides

high level planning and reporting to Members on the achievement of progress towards the strategic goals. The PIP process is based on a biennial cycle.

2022 is the 5th year of implementation of the Strategic Plan 2017–2026 and it is the first year implementation of PIP3 (2022–2023).

Due to the impacts of COVID-19 on the programme performance and delivery, the SPREP Results Framework (RF) 2017–2026 was adjusted in 2021 across the Strategic Goals. The review led to

changes in the sub- outcome indicators and targets where it was considered feasible, relevant, and measurable within the Strategic Plan timeframe. This resulted in a total number of 123 outcome indicators to be tracked for reporting until 2026.

In this year’s reporting, the progress report towards achieving the expected PIP3 outcomes is reported as Achieved and or On-track. Some indicators in PIP3 outcome targets have been achieved and for those continuing is

reported as being On-track. Indicators not achieved in this reporting period were largely due to delay in funding, implementation of activities, among other challenges.

The overall SPREP PIP3 results for 2022 against the 123 outcome indicators, comprising of 69 indicators for the Regional Goals and 54 indicators for the Organisational Goals showed that while facing with the challenges of COVID-19, 54% of the targets for PIP3 (2022–2023) were achieved while 46% are On-track.

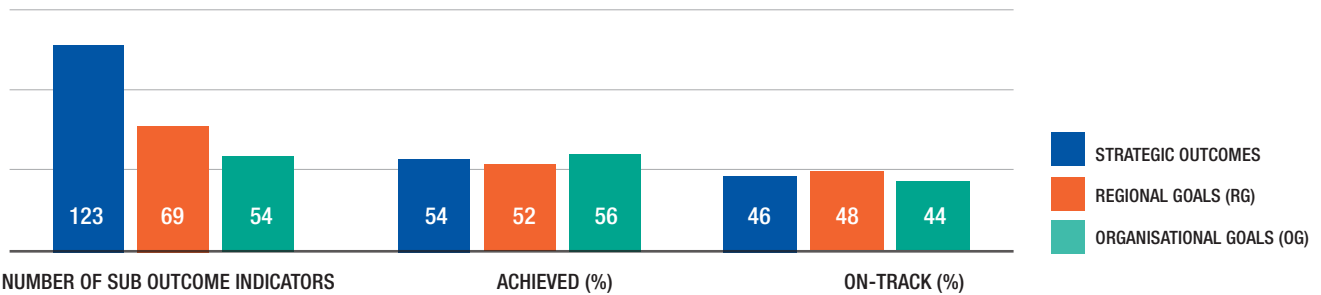


FIGURE 1. PIP3 (2022–2023) ACHIEVEMENT BY STRATEGIC GOALS: OVERALL

The SPREP Strategic Plan 2017–2026 prioritises four Regional Goals for achieving resilient and sustainable Pacific communities. These are:

- REGIONAL GOAL 1** Pacific people benefit from strengthened resilience to climate
- REGIONAL GOAL 2** Pacific people benefit from healthy and resilient island and ocean ecosystems
- REGIONAL GOAL 3** Pacific people benefit from improved waste management and pollution control
- REGIONAL GOAL 4** Pacific people and their environment benefit from commitment to and best practice of environmental governance

Each goal postulates several key strategic objectives along with corresponding regional outcomes. While each goal has a specific thematic focus, all four are interconnected which together contribute towards achieving SPREP’s vision of a ‘resilient and sustainable Pacific communities.’

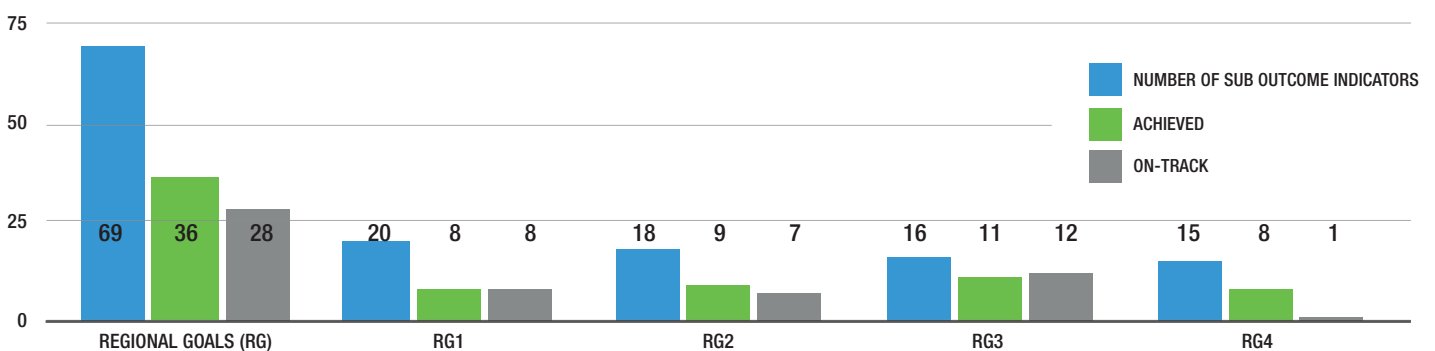


FIGURE 2. PIP2 STRATEGIC OUTCOMES: PERFORMANCE BY REGIONAL GOALS

The Strategic Plan 2017–2026 also identifies key Organisational Goals, which define the policies, processes, and capacity for SPREP to deliver on the Strategic priorities. They are:

- ORGANISATIONAL GOAL 1** SPREP has information, knowledge, and communications systems that get the right information to the right people at the right time and influence positive organisational, behavioural, and environmental change
- ORGANISATIONAL GOAL 2** SPREP has multi-disciplinary processes in programme delivery and in supporting Members to develop national and regional policies and strategies
- ORGANISATIONAL GOAL 3** SPREP has a reliable and sustainable funding base to achieve environmental outcomes for the benefit of the Pacific islands region and manages its programmes and operations to stay within its agreed budget
- ORGANISATIONAL GOAL 4** SPREP is leading and engaged in productive partnerships and collaboration
- ORGANISATIONAL GOAL 5** SPREP has access to a pool of people with the attitudes, knowledge, and skills to enable it to deliver on its shared regional vision

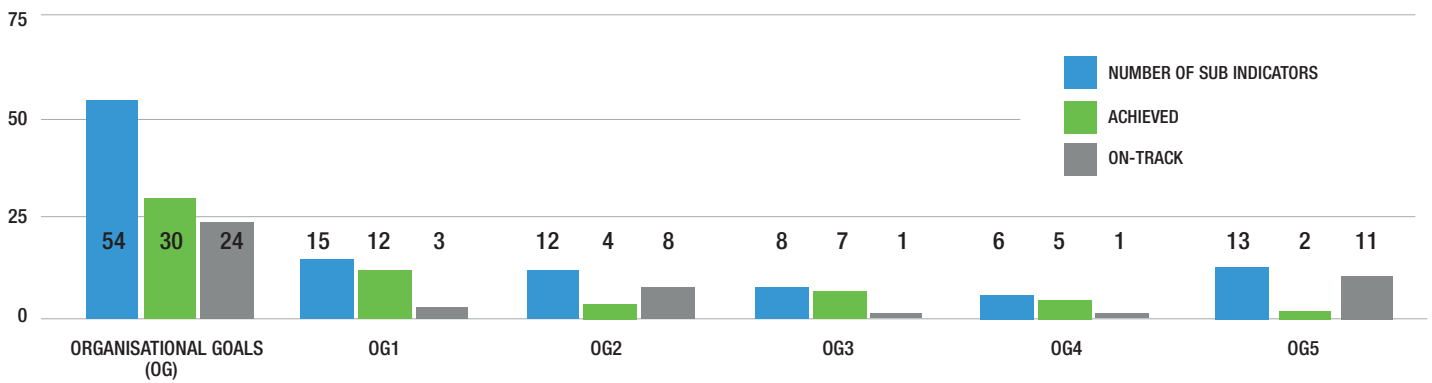
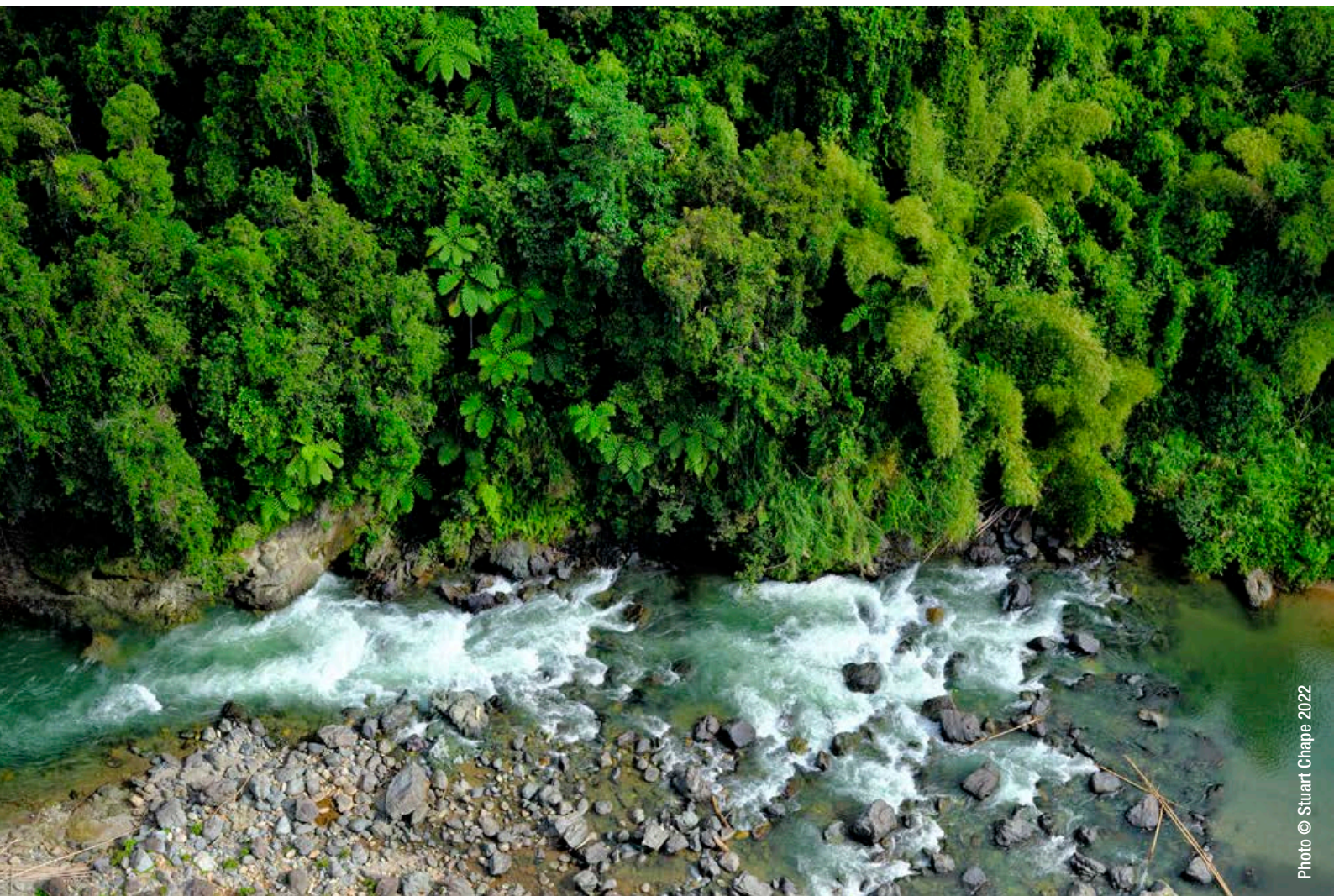


FIGURE 3. PIP2 STRATEGIC OUTCOMES PERFORMANCE BY ORGANISATIONAL GOALS



But what does this mean for our Pacific communities? What do all these numbers and statistics translate to on the ground? Why do they matter to our Pacific people?

REGIONAL GOALS

SPREP continues to play a leading role in amplifying our One Pacific Voice at the UN Framework Convention on Climate Change Conference of the Parties (UNFCCC COP).

The latest scientific evidence by the IPCC expresses the urgency of climate action in that limiting warming to 1.5°C requires dramatic emission reductions by 2030 and the need for climate vulnerable countries to ramp up adaptation efforts in order to reduce the negative impacts. For Pacific nations, this is about our survival. COP27 in Egypt, where the decision to establish new loss and damage funding arrangements was the culmination of a year's worth of support and planning by SPREP's Climate Change Resilience (CCR) team, on behalf of all PSIDS and the supporting One CROP agencies.

We strengthened climate change resilience communication, advocacy and information sharing capacity with a Pacific tailored Impacts Analysis methodology to examine residual impact of adaptation interventions as means to track adaptation progress.

In our efforts to enhance National Meteorological and Hydrological Services (NMHS) capacity in weather forecasting, early warning systems, long-term projections, and improved climate services, the Pacific Meteorological Council is developing a long-term investment plan to support the NMHSs to deliver effective and sustainable early warning systems to all its

members. The development of the Weather Ready Pacific Programme of Investment worth USD 167 million has received the endorsement of the Pacific Island Forum Leaders. SPREP and its partners worked on several marketing approaches.

Our Pacific people continue to benefit from our work towards healthy and resilient island and ocean ecosystems. SPREP provided strong support to Pacific island members to engage in the Convention on Biological Diversity COP-15, where the Kunming-Montreal Global Biodiversity Framework (GBF) was adopted. The historic Framework, which supports the achievement of the Sustainable Development Goals, sets out an ambitious pathway to reach the global vision of a world living in harmony with nature by 2050.

The revised Pacific Islands Regional Marine Species Programme (PIRMSP) was completed in 2022, providing a regional strategy to guide the cooperative conservation and management by members of dugongs, marine turtles, whales, dolphins, sharks, rays and seabirds.

In our efforts to improve waste management and pollution control, our Pacific communities benefitted from more than AUD 800,000.00 funding from the Government of Australia Department of Foreign Affairs and Trade to

support Pacific countries in the Intergovernmental Negotiating Committee (INC) towards the establishment of a legally binding instrument to address plastic pollution. This allowed them to attend and advocate the Pacific region's priorities at the first session of the INC in Punta del Este, Uruguay, and the ongoing INC process.

Why does this matter? Research shows that humanity produces around 460 million metric tonnes of plastic a year, and without urgent action, this will triple by 2060. A lot of the plastic end up on Pacific shores, placing Pacific countries at the forefront of the impacts from the escalating plastic pollution crisis, even though Pacific countries contribute only 1.3% to global pollution.

Pacific people also benefitted from the work to strengthen our commitment to the best practices of environmental governance. SPREP in partnership with the 14 member countries and the

United National Environmental Programme (UNEP) collectively delivered the Inform Project from 2017 to 2023 in response to the need for data-driven decision making in the Pacific. The project increased data availability as evidence of the environmental resources, trends, and drivers of environmental change; improved information management and interpretation as well as standard procedures for environmental data; and provided easy access and timely information for decision making, planning, and reporting. In this reporting year, the SPREP Pacific Environment Portal (PEP) established under the project is now hosting more than 18,000 datasets which are available to SPREP Members, partners and other users to access and use for reporting and informed decision-making.

ORGANISATIONAL GOALS

As an organisation, the Strategic Plan 2017–2026 requires the Secretariat to strengthen and realign its institutional capacities, competencies, and systems to best support Members.

For the year under review, SPREP strengthened and realigned its institutional capacities to support members through enhanced IT systems and services, increased visibility with Knowledge Management, improved staff digital access and sustained support from the Communications and Outreach to encourage positive environmental behaviour change among members.

SPREP is an Accredited Entity to the Green Climate Fund and the Adaptation Fund. This assisted Member countries improve access to finance to address their respective climate ambitions. Whilst this has been challenging, particularly with accessing Green Climate Fund (GCF) finance, there have been several achievements made. The support provided to Pacific Island Countries by SPREP through the SPREP Project Coordination Unit ensured communities benefitted from projects such as the Enhancing climate change resilience of

vulnerable communities in the Federated States of Micronesia, Climate Information Services for Resilient Development in Vanuatu, Strengthening the NDA capacity of Niue and the Republic of Marshall Islands.

Ensuring a sustainable funding base to achieve environmental outcomes for the benefit of the Pacific islands region is a key part of our work. SPREP was able to adapt and manage the continuing impacts of COVID-19 in 2022 to ensure that a balanced and sustainable budget was achieved. With delays and impact on programme implementation, strict and regular monitoring controls over core expenditure, management of foreign exchange exposure and the implementation of cost recovery efforts had proven effective to deliver the breakeven results of 2022 which was while a surplus performance of USD 26,261.00, ensured that reserves continue to be maintained at a positive level by the end of the year.

Programme Support Fees collected in 2022 was USD 1.8 mil which while lower than the budget of USD 2.3 mil, has increased compared to USD 1.3 mil in the previous year. All projects where relevant and appropriate

as per Donor Agreements have been included in cost recovery processes to which noted funds credited from cost recovery measures of USD 651k in 2022 (USD 610k in 2021) which is evidence of continued effectiveness in cost recovery measures by the Secretariat.

We continue to establish meaningful, long lasting, and productive partnerships and collaborations which are vital to advance our work. In line with the SPREP Partnership, Engagement and Resource Mobilisation Strategy, the Secretariat successfully signed Memorandums of Understanding with the US Geological Survey (USGS), Secretariat of the Convention on Biological Diversity (CBD), United Nations Environment Programme (UNEP), the University of Newcastle, the Pacific Virtual Museum, the Commonwealth Scientific and Industrial Research Organisation (CSIRO), Environment Institute of Australia and New Zealand, the New Zealand Association of Impact Assessment and the Association of Pacific Rim Universities.

Our People Strategy is central to our efforts to access and secure people with the

attitudes, knowledge, and skills to help us deliver on our shared regional vision. We welcomed our new Director General, Mr Sefanaia Nawadra, on 4 April 2022 as the seventh Director General of SPREP and the first Fijian national to lead the Secretariat.

Recruitment continued despite challenges imposed by COVID-19 with effective use of available online tools. Many new staff started in their roles remotely and with the full opening of international borders in the last quarter of 2022, many new staff and their families were able to relocate to their base work locations.

The Remuneration Review was completed in 2021 and the SPREP Meeting agreed to defer this for further consideration by the Members Working Group on the Report on the Independent Corporate Review and Mid-Term Review of the SPREP Strategic Plan. Whilst this was being considered, the Members kindly approved a general salary increase of 2.5% to be effective from 1 January 2022. To ensure staff health and wellbeing are taken care of, the Secretariat renewed the staff medical insurance for another three-year term with Allianz Worldwide Care.

CROSSCUTTING ISSUES AND LESSONS LEARNT

Our work across SPREP is interconnected hence our continued efforts to strengthen key crosscutting governance issues on innovation, strategic linkages, risk management, and gender mainstreaming.

SPREP continues to strive to be innovative and flexible in delivering services to our Members even after borders were opened. One example was the Pacific Climate Change Centre hosting the first Pacific Virtual Climate Innovative Exhibition on 4–6 October 2022 where more than 2,000 people engaged.

SPREP continues to deliver its work and services in a more integrated and cohesive manner through existing internal coordinating mechanisms. There is cross programme integration and interaction between and among the SPREP Programmes. For example, CCR worked closely with IOE, WMPC and EMG on a number of initiatives to ensure a joint approach to delivering on SPREP's key regional goals, particularly on the cross-cutting themes of climate change and oceans. The same integrated approach was also adopted in our engagement in

the 2050 Blue Pacific Strategy, through the Multi-Sector Expert Group on Climate Change, Oceans and the Environment.

We continue to commit to building our capacity on gender and social inclusion and its integration into our programmes, projects including governance and operational systems and processes. Gender equality and social inclusion are critical to the achievement of SPREP's Strategic Plan 2017–2026. The mainstreaming of gender equality in SPREP is visible in the communication products and services shown in guidelines, checklists, and

reporting forms developed to support the implementation of the 2016 Gender Policy. In 2022, the review of the 2016 SPREP Gender Policy was initiated. Mainstreaming of gender equality is also evidenced in our engagement in panels, webinars, and other events on gender organised by SPREP and others facilitated by partners.

Risk management remains an integral component of ongoing corporate governance and decision-making to improve resilience, accountability, and the achievement of strategic objectives.

CONCLUSION

This Annual Report is compiled on the eve of the Thirtieth Anniversary of the signing of the SPREP Treaty and our establishment as an independent organisation. SPREP has grown in size and stature with more than

130 staff members across our offices in Fiji, the Republic of the Marshall Islands, Solomon Islands, Vanuatu and of course our headquarters at the foot of the scenic Mt. Vaea in Samoa.

It has not been all smooth sailing in the last 30 years. Along the way we have encountered many obstacles and weathered many storms, including the impact of COVID-19 and many other natural disasters we

encountered. But we will persevere and remain resilient, true to our goals and aspirations as we continue our journey to achieve “a resilient Pacific environment, sustaining our livelihoods and natural heritage in harmony with our cultures.”



One Pacific Voice at COP27

The Twenty-Seventh Conference of the Parties to the UN Framework Convention on Climate Change

Sharm el-Sheikh, Egypt was the host of the 27th Conference of the Parties to the UN Framework Convention on Climate Change. The priority issues for the Pacific Small Islands Developing States (PSIDS) at COP27 were: mitigation, loss and damage, climate finance, adaptation, Article 6, oceans, transparency, global stocktake, science, gender, agriculture, capacity building and technology.

COP27 was well-attended by 14 PSIDS negotiation teams from Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Republic of the Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu. There were also seven Pacific Leaders and 14 Pacific Ministers in attendance. The Leaders were from the Cook Islands, Kiribati, Palau, Samoa, Tonga, Tuvalu and Vanuatu. In total, there were 313 PSIDS delegates who attended COP27.

The Secretariat of the Pacific Regional Environment Programme (SPREP) with support from the One-CROP (Council of Regional Organisations of the Pacific) led a wide range of initiatives to help empower our One Pacific to amplify their Pacific Voice.

Work led by SPREP to build an effective One Pacific Voice at COP27 was supported by the Government of Australia, the Government of New Zealand and the Irish Aid Fund.



Preparing for COP27

Throughout 2022 there had been virtual meetings and workshops to look at the broad landscape of COP27, but also to delve into details of the technical issues. This work was facilitated by the One CROP team, with support from various technical supporting agencies such as Climate Analytics.

COP27 was the culmination of a year's worth of support and planning on behalf of all PSIDS and the supporting One CROP agencies, through virtual meetings, regional trainings and the first in-person regional climate change gathering for two years. As well as facilitating a post-COP26 analysis meeting and

a pre-Bonn intersessional preparation meeting, SPREP organised seven online "deep dive" sessions to help prepare negotiators for COP27. Finally, an in-person preparatory meeting was held at the Pacific Climate Change Centre in September 2022, with support from AOSIS, Climate Analytics and the One CROP team.

This work enabled further enhancement of coordinated PSIDS positions ahead of COP27, including a Pacific Strategy document, and preliminary assignments of delegates to thematic areas, supported by One CROP staff.

One CROP Preparatory Sessions for PSIDS Negotiators

PSIDS Post COP26 Analysis Workshop	February 2022								
Climate Change workshop for PSIDS Gender Focal Points	February 2022								
PSIDS Loss and Damage Workshop	April 2022								
Preparatory Meeting for June Bonn Intersessionals	May 2022								
7 "In-depth Analysis" sessions on Priority Thematic Areas:	August–September 2022								
<table border="0"> <tr> <td>Article 6</td> <td>Adaptation</td> <td>Climate Finance</td> <td>Gender</td> </tr> <tr> <td>Loss and Damage</td> <td>Mitigation</td> <td>Oceans</td> <td></td> </tr> </table>	Article 6		Adaptation	Climate Finance	Gender	Loss and Damage	Mitigation	Oceans	
Article 6	Adaptation	Climate Finance	Gender						
Loss and Damage	Mitigation	Oceans							
PSIDS Pre-COP27 Preparatory Meeting including bilateral meetings with New Zealand and Australia delegations in Apia Samoa.	September 2022								

One CROP Support Materials for PSIDS Negotiators

The Preparatory Meetings led to the development of a range of OneCROP support materials, for the use of PSIDS negotiators at COP27:

PSIDS COP27 Strategy	To ensure all Pacific stakeholders attending COP27 were aligned in working to advance agreed Pacific regional priorities											
Thematic Priority Technical Briefs: <table border="0"> <tr> <td>Article 6</td> <td>Adaptation</td> <td rowspan="5">To provide PSIDS negotiators with the background, expected outcomes and key agreed messages across each PSIDS priority negotiating area</td> </tr> <tr> <td>Capacity Building and Technology</td> <td>Climate Finance</td> </tr> <tr> <td>Gender</td> <td>Global Stocktake</td> </tr> <tr> <td>Loss and Damage</td> <td>Mitigation</td> </tr> <tr> <td>Oceans</td> <td>Transparency</td> </tr> </table>	Article 6	Adaptation	To provide PSIDS negotiators with the background, expected outcomes and key agreed messages across each PSIDS priority negotiating area	Capacity Building and Technology	Climate Finance	Gender	Global Stocktake	Loss and Damage	Mitigation	Oceans	Transparency	
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Capacity Building and Technology	Climate Finance											
Gender	Global Stocktake											
Loss and Damage	Mitigation											
Oceans	Transparency											
PSIDS Compass	To provide PSIDS negotiators with a "one-stop shop" to help navigate through the logistics and UNFCCC negotiations process at COP27											
Talking Points for Pacific Champions, Ministers and Heads of Delegations	To provide Pacific Champions, Ministers and HODS with ad hoc talking points to inform speeches and communications											



MOANA BLUE PACIFIC Pavilion at COP27

Funded by the Government of New Zealand, the Moana Blue Pacific Pavilion at COP27 welcomed on average a minimum of 3,000 people to the pavilion each day. The Moana Blue Pacific Pavilion

was the largest it has ever been at a total of 250 sqm, and allowed for five spaces which included a bilateral meeting room, storage room, reception area, networking area and side event space.



The Moana Blue Pacific Pavilion in numbers

<p>75 side events, including 33 “High Level”, were held at the Moana Blue Pacific Pavilion across 9 days, the majority led by Pacific Islands members. Of these:</p> <ul style="list-style-type: none"> 20 were led by NGOs 19 coordinated by CROP members 13 led by SPREP 	<p>In total we had 419 panelists, speakers and performers. Of these:</p> <ul style="list-style-type: none"> 295 = Maori, Pacific Islands or indigenous 80 = youth 188 = female 231 = male 	<p>Just over 4,000 people attended the 75 side events collectively within the Moana Blue Pacific Pavilion at COP27.</p>	<p>Zoom capabilities were an option for side event organisers and were widely used. On average there were 6–8 online participants at a time with our highest online participation being 14 people.</p>
<p>Increased Pacific presence and visibility at COP27</p>	<p>55 news stories were developed and shared, open for usage by all.</p>	<p>28 social media tiles were developed and shared on the SPREP social media channels.</p>	<p>7 vox pop albums were developed and shared across COP27, one every second day.</p>
<p>Over 400 photos shared on the SPREP Facebook page in the album titled Seen at #COP27 #PacificJourney #OneVoice</p>	<p>Over 400 images shared on the SPREP Pacific Flickr account across four different albums.</p>	<p>3,000 1.5 enamel pins distributed.</p>	<p>2,700 flowers were shared widely to build Pacific visibility.</p>



Pacific delegation Office empowering effective negotiations

Supported by the Government of New Zealand, the Pacific Delegation Office was located next to the New Zealand and Tokelau Office and had a shared meeting room and reception space between them. The Pacific Delegation Office consisted of four key spaces:

- reception area, that could seat two people;
- shared meeting room with the New Zealand and Tokelau delegation office, that could accommodate 12;
- office space, which could seat 30;
- storage workspace, which could seat two.

Open the full duration of the COP with 24-hour access to the shared meeting room, there were over 108 meetings held in the Pacific Delegation Office and Shared Meeting Room totaling over 1,000 users of these spaces.

Daily PSIDS Coordination Meetings were held along with regular Ministerial Meetings. Country Delegation Meetings were booked on a consistent basis indicating this space was widely utilised by Pacific Islands delegations. Youth Meetings facilitated by the Pacific Island Forum Secretariat, SPREP and 350.Org were also held.

Thematic briefings and coordination meetings were regularly held in these rooms – the majority of those being for the areas of Gender, Climate Finance, Oceans, Science and Article 6. Multiple bilateral Meetings were held in both the Pacific Delegation Office and Shared Meeting space.

The office was used as a quiet workspace for Pacific Islands delegates when it was not in operation for meetings.



Climate Survival Tips

The digital campaign funded by the Government of New Zealand was delivered to encourage positive actions through a Climate Survival Tips campaign that had three key messages:

1. We're experiencing climate impacts now, but one day you will too.
2. We're sharing our tips with you to help you survive when they impact you.

3. The biggest tip of all is to do all you can to limit global warming to 1.5 degrees Celsius or below.

The messaging was driven by global change in climate change communications from focusing on the negative aspects of climate change, to inspiring and empowering action. It also aimed as much as possible to work consultatively with different NGO and youth groups as well as the One CROP across the

Pacific to help drive ownership of the activity.

Four lead videos were developed to inspire others to share their Climate Survival Tips, one of which was led by the Prime Minister of the Cook Islands, Hon. Mark Brown. Three of these videos were showcased through a partnership with VICE on social media for which close to 4,000,000 people were reached. Of this, 84% of all engagements were under

34-year-olds with engagement relatively equal between the genders, with 48% male and 45% female.

A Twitter campaign was launched which resulted in over 2,000 impressions and support from Pacific celebrities such as the Moana Pasifika, Oscar Kightley and Tofiga Feulea'i. International reach on Twitter included Mayors from London, Boston, Miami, and San Jose amongst others.

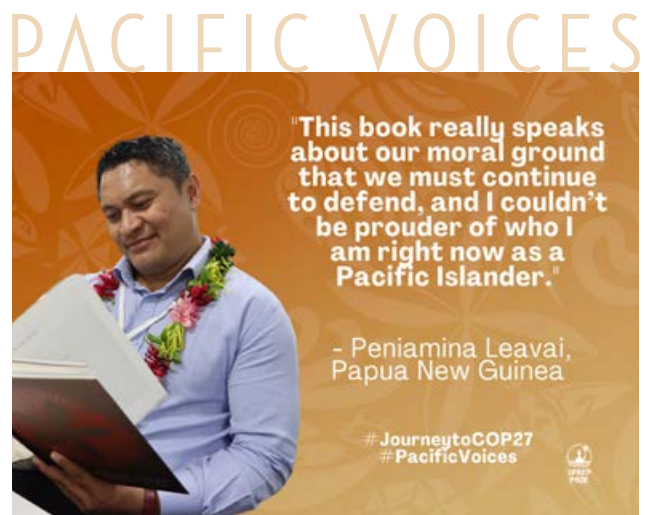
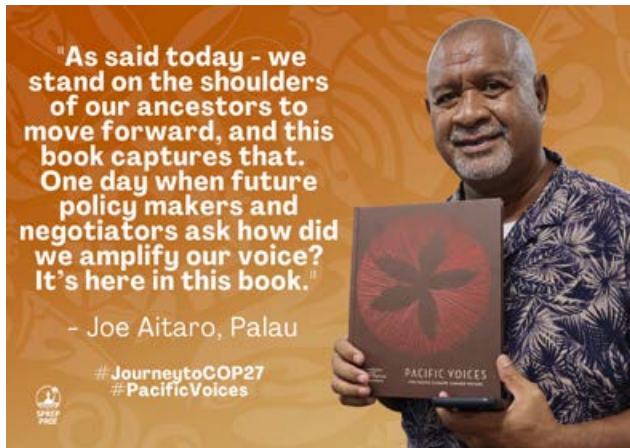
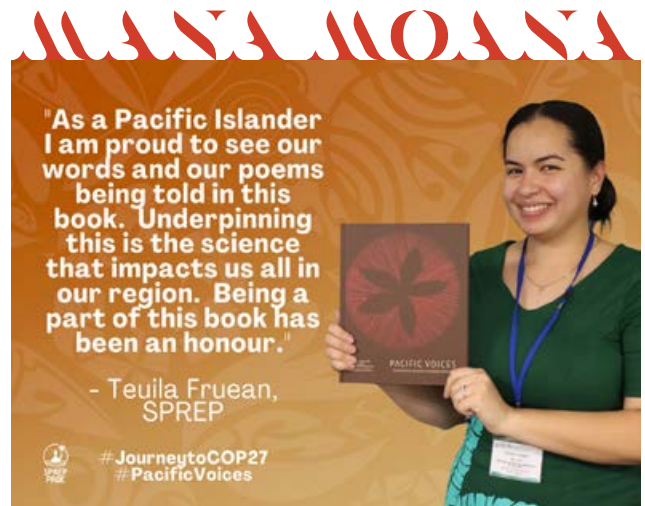
Mana Moana Pacific Voices

Funded by the Zealand government, Mana Moana Pacific Voices was an activity facilitated by SPREP to meet the requests from Pacific Island Parties for an artistic approach to be part of the COP27 communications campaign.

Nine poems from Pacific Islands poets were shared on film and across COP27. These were featured at side events within the Moana Blue Pacific Pavilion and showcased consistently on screens at the Pavilion as well as shared on social media.

These resulted in over 15,000 social media impressions on SPREP and other accounts. These were also broadcast across over 20 Pacific Island TV stations via Pasifika TV.

The Mana Moana Pacific Voices book was also launched in 2022, containing 10 poems featured in the Mana Moana Pacific Voices Volume 1 collection, along with quotes from across Pacific history, interwoven with scientific facts on climate change and the impacts on the Pacific.



Pacific Political Climate Champions amplify Pacific's voice on global stage

The Political Climate Champions initiative is a joint effort between the One CROP team, led by the Pacific Islands Forum Secretariat, developed to strengthen the capacity of PSIDS to strategically engage at COP27 through well-supported Political Climate Champions, and to influence ambitious outcomes from COP27 including on the Pacific's key priorities.

The role of the Champions was to: lead advocacy and

visibility, provide high level guidance to delegates as well as back to host governments and to represent the Pacific on common issues of importance.

Six Political Climate Champions were confirmed for COP27, leading on: climate finance, loss and damage, ocean, environmental integrity, climate ambition as well as gender and adaptation. Each Political Champion was supported by a national adviser and a One CROP support lead.

The six Champions for COP27 were:

Climate Finance:
Hon. Mark Brown,
Prime Minister and Minister of Finance, Cook Islands

Loss and Damage:
Hon. Seve Paeniu,
Minister of Finance, Tuvalu

Climate Ambition:
Hon. John Silk,
Minister of Natural Resources and Commerce, Republic of the Marshall Islands.

Environmental Integrity:
Hon. Steven Victor, Minister of Fisheries, Agriculture and Environment Environmental Integrity, Republic of Palau

Oceans Climate Nexus:
Hon. Aiyaz Sayed-Khaiyum, Deputy Prime Minister, Attorney General and Minister of Economy, Republic of Fiji

Gender Inclusion and Adaptation:
Hon. Mona Ainuu, Minister of Natural Resources, Niue



Bilateral briefings with the Champions were undertaken in September/October 2022. Support was provided on communications and visibility, side events, bilateral meetings and the negotiations.

The Champions worked well to amplify the voice of PSIDS at the political level in Sharm el-Sheikh and pushed strongly for PSIDS priorities to be reflected in the COP27 outcomes.



Climate Change Resilience



Photo © Stuart Chape

REGIONAL GOAL 1

Pacific people benefit from strengthened resilience to climate change

OBJECTIVE 1.1

Strengthen the capacity of Pacific Island members to lead, prioritise, and manage national climate change adaptation (CCA), mitigation (NDCs) and disaster risk reduction (DRR) in fulfilment of their national environment and development goals and their voluntary and legal obligations under regional and international agreements.

Pacific Virtual Climate Innovative Exhibition held

The Pacific Climate Change Centre (PCCC) at SPREP hosted the first Pacific Virtual Climate Innovative Exhibition from 4–6 October. People engaged in the virtual event of both daily webinar sessions and virtual exhibitions. The Pacific Virtual Climate Innovative Exhibition connected people to learn of potential innovative solutions to climate change challenges faced in the Pacific region.

The PCCC collaborated with partners, regionally and globally to support innovative solutions that are creative and new, turning ideas into solutions including the application of ideas that are novel and useful for our Pacific region and relevant to the needs of our people.

The key outcome of the exhibition was the development of a Framework

for Climate Change Innovation which was showcased at a side event at the Moana Blue Pavilion on the margins of COP 27 meetings in Sharm El Sheik, Egypt.

The first Pacific Virtual Climate Innovative Exhibition was supported by the Irish Fund Aid and the partnership of Varysian Cooperation Limited.

430 registrants

800 visits to the virtual booth

3,700 LinkedIn impressions

2000+ Facebook impressions

Empowering our Pacific Islands through the Pacific Climate Change Centre

The capacity of over 600 Pacific Islanders was built through 12 executive courses delivered through the Pacific Climate Change Centre. SPREP Members from a wide range

of sectors participated in the training made available which resulted in the completion of three mentoring sessions as well as an increase in partnership engagement

through the co-delivery of the Pacific Climate Finance access Network (CFAN) Advisors on Climate Financing. Also completed was the development of the PCCC

Capacity Building Sustainability Plan 2023–2026 through the Capacity Building on Climate Resilience in the Pacific Project.

Raising awareness of Climate Science

Working in partnership with the Australia National University, the PCCC helped to increase Pacific engagement and awareness on the Intergovernmental Panel on Climate Change (IPCC) and the latest scientific findings. A total of 11 factsheets were developed in 2022 as well as six IPCC Pacific Animations in six Pacific Island languages. Two Pacific webinars were hosted on the IPCC Working Group 2 and Working Group 3 Reports as well as a Pacific talanoa session on the IPCC hosted at COP27.



Gender inclusion a focus of the Pacific Climate Change Centre



The Pacific Climate Change Centre through its function on Capacity Building hosted a series of workshops on Climate Change Gender and Social Inclusion for the Samoa Fa'afine Association, the Brown Girl Woke and the Samoa Office of the Ombudsman.

SPREP through the PCCC is also a member of the Women of the Wave (WOW) Network, which aims to support and inspire women in the international governmental organisations of the Pacific to further their career and leadership aspirations, and to expand the connections and opportunities in a sector where

numbers of women in senior positions are lagging.

The training was a partnership between SPREP, the PCCC,

Brown Girl Work, Samoa Fa'afine Association and the Samoa Office of the Ombudsman.

The PCCC is a partnership between the Governments of Japan and Samoa. It is funded under grant aid through JICA for Samoa as the host country of SPREP. Additionally, the Centre receives generous funding and support from the Governments of New Zealand, Ireland, and Australia.

Tomai Pacifique revived to support the Pacific

The COVID-19 lockdown brought to light the need for consultants to continue the implementation of projects around the Pacific Islands. Previously known as the Regional Technical Support Mechanism (RTSM), the website underwent a system upgrade and was relaunched as Tomai Pacifique in June 2022.

The Tomai Pacifique Website is a registered network of pre-approved experts that can respond to requests for technical assistance, to serve the priority and needs of Pacific Islands. Experts can provide advice on appropriate

resource opportunities, strategic approaches and technical assistance. Where possible, experts may support the development of project concepts and proposals, preparing reporting requirements as well as implementing and monitoring projects.

Tomai Pacifique continues to provide a platform for all experts from around the Region to be part of the Tomai roster of experts. It also gives the Member countries an opportunity to access the Rapid Response should they require assistance in one of the areas outside of what is

already provided for under other donor projects and their national budgets.

Tomai Pacifique was supported by the Nationally

Determined Contribution (NDC) Pacific Regional Hub and the Irish Aid Fund, and is maintained by SPREP.



Hon. Toeolesulusulu Cedric Schuster, Minister of Natural Resources and Environment of Samoa launching Tomai Pacifique.

Matevulu College in Vanuatu installs a biogas system

The installation of biogas systems for rural educational institutions was one of the Nationally Determined Contribution (NDC) country requests from the government of Vanuatu. Through funds provided by the NDC Hub and the Irish Aid, Matevulu College on Santos Island, was one of the recipients of a biogas system which was installed at their school compound.

Despite being faced with challenges presented by the COVID19 pandemic, all the system components were able to be shipped to Santos Island where they were assembled, connected and fed with organic waste sourced from the school kitchen, school grounds and nearby farms. Once commissioned and tested, the biogas system was officially launched on 30 June



before it was handed over to the government of Vanuatu, Matevulu College Principal, staff and students.

The boarding schools have been able to save money on buying Liquefied Petroleum Gas (LPG) bottles to cook their meals. The overflow liquid from the biodigesters is also diluted and used as organic

fertiliser for their vegetable gardens which simultaneously revitalises soil health and saves the schools more funds from buying imported fertiliser. Additionally, the biogas systems provide a much better waste management strategy where all their soft green waste is disposed of in a timely and more hygienic manner.

OBJECTIVE 1.2

Minimise multiple pressures on vulnerable Pacific island ecosystems by implementing ecosystem-based approaches to climate change adaptation, including responses to ocean acidification and sea level rise, to sustain biodiversity and the provision of ecosystem services that support livelihoods and sustainable development.

Pacific Islands embrace new Ecosystem-based Adaptation tool

With funding from the European Unions Intra ACP GCCA+ (Intra-African, Caribbean and Pacific Group of States Global Climate Change Alliance Plus), the Pacific Adaptation to Climate Change and Resilience Building Project (PACRES) through SPREP supported the development and trial of an online Ecosystem-based Adaptation tool. This helped guide Pacific planners to make informed decisions on types of Ecosystem-based Adaptation (EbA) interventions that may be considered as adaptation solutions that suit

local context, circumstances and needs.

The tool utilised three guiding questions to identify possible EbA options and does not require input of detailed datasets but provides links to detailed information for planners and decision makers to initiate scoping and selection of EbA options.

The trial of the tool was held back-to-back with the PACRES Steering Committee meeting in August in Nadi. The tool was launched at a side event held in the Moana Blue Pacific Pavilion at COP 27.

Marine ecosystem rehabilitation in Samoa

Rehabilitation activities to enhance marine ecosystems in five sites in Samoa were undertaken through the support of the Intra-ACP GCCA+ PACRES Project. Starting in 2021, SPREP in partnership with the Ministry of Natural Resources and Environment (MNRE) and the Ministry of Agriculture and Fisheries (MAF) completed activities in four sites in Upolu, and then five sites in Savaii in 2022.

Following community consultations in Saleaula, Satoalepai, Saipipi, Vaitoomuli and Siutu in Savaii in 2022, the project implemented EbA options to combat the impacts of climate change on marine

ecosystems focusing on the replanting of coral reefs and mangroves. The goal of which was to rehabilitate and protect shorelines, improving the richness of their marine ecosystems.

Building on the successful partnership between Monaco and SPREP established under the Pacific Partnership on Ocean Acidification (PPOA) project, with support from the Korea Institute of Ocean Science and Technology, the Intra-ACP GCCA+ PACRES Project helped build the capacity of the five communities to provide monitoring and ongoing care of the nursery.



OBJECTIVE 1.3

Enhance National Meteorological and Hydrological Services capacity in weather forecasting, early warning systems, long-term projections, and improved climate services to support Members' decision-making and coordination through the Pacific Meteorological Council.

New river and groundwater monitoring increases resilience of the people of Vanuatu

The successful installation of a river monitoring station in the Sarakata river in Luganville, Espiritu Santo located in Vanuatu's Sanma Province was a step in the right direction for the establishment and institutionalisation of a Flood Management and early warning system for more than 17,700 residents of the area.

The project was implemented by the Vanuatu Meteorology and Geohazards Department (VMGD) in collaboration with the Department of Water Resources (DoWR) and SPREP.

Funding for the installation was provided through a partnership between the Green Climate Fund (GCF), SPREP and VMGD through the Vanuatu Climate Information Services for resilient development (Van CISRDP) project or VanKIRAP.

The information gathered from the new stations will

increase the capability of both VMGD and DoWR in the establishment and institutionalisation of a Flood Management and early warning system for the Sarakata river.

The new river monitoring station is monitoring the river level, river discharge, rate of rise, rainfall total, rainfall intensities and other parameters in near real-time. Data is recorded every five minutes and communicated via satellite to the VMGD Head Office in Port Vila. A public dashboard is available for everyone in Vanuatu and abroad to access the information online.

VanKIRAP, as the project is known by its Bislama acronym, is making climate information better, more relevant, and more accessible for people in Vanuatu.



The VanKIRAP project supports Vanuatu's resilient development by increasing the ability of decision-makers, communities and individuals to plan for and respond to the impacts of climate variability and change, using climate information services (CIS).

Weather Ready Pacific amplified globally

The Weather Ready Pacific Decadal Programme of Investment, endorsed by Pacific Leaders in 2021 was showcased at the UN Ocean Conference and COP27 in 2022. The popular events not only highlighted the benefit of the Weather Ready Pacific Programme for our Pacific Island region, but also garnered

support through enhanced awareness of the donor community.

The Weather Ready Pacific Programme is a ten-year programme of investment that will strengthen the region's ability to anticipate, plan for, and respond to high impact and extreme weather, water,

and ocean events. It aims to protect communities by ensuring that forecasts and warnings is more specific and clearer about local conditions and potential impacts. It will support economies by ensuring that forecasts and warnings provide timely and targeted preparedness measures,

limiting the impacts of severe weather events.

Weather Ready Pacific has five areas of investment, one of which is Governance, Coordination and Leadership. This refers to legislation and regulations specific to Multi-Hazard Early Warning Systems (MHEWS).

Community-based early warning systems enhanced across the Pacific

Community-based early warning systems were implemented in Palau, Niue, Republic of the Marshall Islands, Samoa and Tonga under the Climate Risk Early Warning System (CREWS) project since its inception in 2015.

In 2022 in Samoa, SPREP partnered with Samoa Meteorology Division (SMD), National Disaster Management Office (NDMO), Samoa Red Cross Society (SRCS) and the Fire Emergency Service Authority (FESA) to work with 10 communities in Upolu.

Community disaster response plans were developed, first aid and tailored search and rescue drills and trainings were created with the guidance of SMD, NDMO, SRCS and FESA for the identified natural hazards identified by communities. Drills in Samoa included how to extinguish a bush or home fire, sea rescue during storms and managing

communities during severe weather events.

In Niue in 2022, the Met Service has worked through the church, Ekalesia Niue to empower the Boys and Girls brigade to train and advocate for community risks and early warning systems. One of the activities they undertook was the developing of billboards to raise awareness on different aspects of the weather. Through this activity, the young people learned about the different strengths of cyclones and the colour-coding system used by the Niue Met Service to classify tropical cyclones. They were also able to learn about the El Niño-Southern Oscillation and other areas related to weather and climate.

In Tonga, the CREWS funding assisted with the setup of the Tofua-Kao community multi-hazard and early warning system. The two islands are extremely remote and isolated with no power and

very limited communication with the outside world. The traditional mode of communications in the event of an emergency is to light fires at night or build smoke towers during the day for residents of nearby Kotu or Matuku Islands to send a boat. Communication links between Tofua and the main island of Lifuka in Ha'apai or any of the main centres in Tonga do not exist. Similarly, the island of Kao has no formal means of communication.

During times of disasters such as cyclone events, these communities are extremely vulnerable as it is difficult to convey early warnings to these two islands and to evacuate in a timely manner in case of an extreme event.

Through the CREWS funding, the Tonga Meteorological Service worked with the Tonga Communication Corporation (TCC) to establish a 3G GSM mobile repeater at Tofua relayed from Ha'afeva island

40km away, installation of a solar powered VHF and the installation of a solar powered VHF Radio for Kao. It is expected that these communication upgrades will greatly improve communications to and from Tofua and Kao. After mobile communications are established, the Tonga Meteorological Service and the Seismology unit plan to establish an Automatic Weather Station and a Volcano Monitoring Station. Selected residence of Tofua will be trained to provide basic maintenance as needed.

The Climate Risk and Early Warning Systems initiative was first launched at COP21 in 2015 by the Government of France in response to the Sendai Framework for Disaster Risk Reduction. Canada's funding of Climate Risk and Early Warning Systems has strengthened Early Warning Systems' capacity in many small island developing states and Southeast Asia.



Makefu Brigade Climate Science Workshop. Photo courtesy of Niue Meteorological Service

OBJECTIVE 1.4

Support Pacific island Members to access and manage climate change finances and their national accreditation processes.

Supporting Pacific Members to access Green Climate Funds

SPREP as a Green Climate Fund (GCF) accredited entity supported Solomon Islands, Nauru, Niue and the Republic of the Marshall Islands (RMI) GCF National Designated Authority (NDA) to strengthen institutional, fiduciary and policy capacity to improve climate finance access.

For Solomon Islands similar to the other countries, the readiness support is to build the capacity of the GCF NDA to fulfil its role as the NDA to engage the GCF.

Nauru, Niue and RMI are progressing in the second readiness projects building on the initial readiness support in developing institutional and

policy capacity and their GCF country programmes.

Many of these countries are also working towards nominating national entities such as the respective department of finance to achieve delivery partner and accreditation status to enable them access climate finance from the GCF.

The SPREP Readiness Project was approved in 2022 funded through the Federated States of Micronesia and Solomon Islands Readiness to strengthen SPREP as a regional DAE and support other Accredited Entities in the region and develop project ideas and concepts for both countries.



OBJECTIVE 1.5

Support Pacific Island Members to develop policy responses to issues of loss and damage, and climate change and disaster induced population mobility.

Pacific Islands empowered to engage in Loss and Damage negotiations

Pacific Parties to the UNFCCC were supported by SPREP with contribution from Climate Analytics and One-CROP (Council of Regional Organisations of the Pacific) to prepare them for COP27 through analysis of COP26 outcomes, hosting a Pacific Small Islands Developing States (PSIDS) Loss and Damage workshop, deep dive sessions including one on loss and damage as well as the Preparatory Meeting for COP27.

PSIDS were well coordinated and prepared to speak at the Glasgow Dialogue on Loss and Damage including SPREP at SB56 in Bonn and working under the Alliance of Small Islands States inserting pressure through various

opportunities to include the proposal by G77 & China for the inclusion of a sub-agenda item Matters relating to funding arrangements for addressing loss and damage under COP27 and CMA agenda.

A side event on loss and damage was organised by SPREP at COP27 to raise Pacific concerns over the fate of Pacific SIDS because of climate change-induced loss of land, heritage and culture, and identity under the leadership of Tuvalu's Minister for Finance and the Political Champion for loss and damage through to COP27.

PSIDS high level bilateral meetings were also organised at COP27 with Australia and New Zealand for their support



to adopt a decision on the establishment of a loss and damage fund.

A historic decision was made at COP27 to “establish a fund for responding to loss and damage including a focus on funding arrangements” and

this is a win for the Pacific SIDS and the region as whole.

SPREP is the lead coordinating agency of the One-CROP supporting Pacific Island Members to engage effectively in the UNFCCC process supported by the Irish Aid Fund.



Island and Ocean Ecosystems

Photo © Stuart Chape

REGIONAL GOAL 2

Pacific people benefit from healthy and resilient island and ocean ecosystems.

OBJECTIVE 2.1

Effectively manage and protect marine and coastal ecosystems; mitigation of the impacts of fisheries activities to ensure healthy populations of threatened species and reduce the release of marine pollutants that increase human health risks in order to achieve healthy and productive oceans that support food security and sustainable development.

Fiji receives by-catch mitigation kits for use on board fishing vessels

The By-catch and Integrated Ecosystem Management (BIEM) Initiative partnered with World Wide Fund for Nature Pacific (WWF-Pacific) and the Fiji National University's Maritime Academy to raise awareness amongst Fiji's offshore fishing sector on by-catch of protected species of sharks and turtles and to equip deckhand crew with the skills and best practices to help mitigate by-catch of these species.

This included providing by-catch mitigation kits for use on board the vessels.

WWF prepared 80 kits in 2021 but their distribution was halted due to COVID-19 movement restrictions. In 2022, 58 by-catch mitigation tool kits were distributed to the fishing industry and to project partners: the Fiji Ministry of Fisheries, BirdLife International and the Fiji Maritime Academy.

The Deckhand Fishing Programme was held twice in 2022, with 51 students successfully completing the course and receiving both Basic Sea Safety and Deckhand Fishing certificates, which

included modules on by-catch mitigation, safe use of the by-catch mitigation kit, and safety of crew during the process.

The activity is part of the SPREP-led By-catch and Integrated Ecosystem Management (BIEM) Initiative of the Pacific-European Union Marine Partnership (PEUMP) Programme funded by the European Union and the Government of Sweden.

The training programme and by-catch mitigation kits were developed by WWF-Pacific



and the training was jointly delivered by WWF-Pacific and the Fiji Maritime Academy.

Supporting our Pacific Islands for Nature-based Solutions through the Kiwa Initiative

Through its technical assistance programme for the Kiwa Initiative, SPREP contributed to the strengthening of regional cooperation on Nature-based Solutions (NbS) to promote ecosystem restoration, protection and sustainable management for climate change adaptation and support Member international commitments.

An internationally agreed definition for NbS was adopted in 2022 at the United Nations Environment Assembly 5 through Resolution 5, with subsequent commitments within the UNFCCC and CBD.

A new working group was established at the Pacific Islands Roundtable for Nature Conservation annual meeting in November with the implementing partners of the Kiwa Initiative including SPREP, The Pacific Community (SPC) and the International Union

for the Conservation of Nature Oceania Regional Office (IUCN ORO). The new working group was tasked with contextualising the definition of NbS for the Pacific in relation with local and traditional practices, as well as coordinating capacity development opportunities in the region.

Over 10 regional partnerships were supported to develop NbS projects to submit to the Kiwa Initiative 2022 call for regional projects on coastal and marine ecosystems. SPREP secured funding from the Kiwa Initiative and French Facility for Global Environment for the second phase of the Pacific Ecosystem-based Adaptation project (PEBACC+) to implement NbS in Fiji, New Caledonia, Solomon Islands, Vanuatu and Wallis and Futuna. SPC and SPREP developed a capacity development needs assessment for the region to ensure the



Kiwa capacity development programme addresses country priorities and contexts, to be delivered in cooperation with different partners among which the Pacific Climate Change Centre.

Guidance on how to better respect and promote Human Rights including Gender Equity, Disability and Social Inclusion (GEDSI) through the implementation of NbS resulted in strengthened partnerships with Human Rights and Gender experts and

institutions in the Pacific. This led to increased capacity within SPREP to provide services to our Members for enhanced integration of these key issues in projects and policies.

The Kiwa Initiative is funded by the European Union, Agence Française de Développement, Global Affairs Canada, Australian Government, Department of Foreign Affairs and Trade (DFAT) and New Zealand Ministry of Foreign Affairs and Trade (MFAT).

OBJECTIVE 2.2

Support the conservation and sustainable use of marine, coastal, and terrestrial ecosystems and biodiversity, consistent with regional and international commitments.

History made with first Pacific Dialogue on Traditional Knowledge for Biodiversity and the SDGs

Empowering Pacific Islands to apply their traditional knowledge for biodiversity and the Sustainable Development Goals (SDG) was the focus of a conference held in Fiji in 2022, which was the first to address this topic in the region. The hybrid event provided Members with the opportunity to share experiences, challenges and explore opportunities to address biodiversity conservation goals linked to traditional knowledge and the SDGs.

The conference brought together officials from government, non-government organisations, civil society, research and academic institutions, private sector, community representatives and development partners.

The Pacific region has extensive traditional and local ecological knowledge in marine, reef, and coastal areas. Pacific peoples have stewarded many customary-use areas for centuries; however,

the region faces issues of misappropriation of knowledge and intellectual property rights, unfair distribution of benefits, biopiracy, and the lack of protection of traditional knowledge.

The meeting was an opportunity for participants to discuss how traditional knowledge associated with biodiversity can be protected and used for achieving sustainable development goals as well as providing

an opportunity for Pacific stakeholders to develop a consensus on the best way forward in addressing such concerns.

Facilitated by SPREP, The Dialogue on Traditional Knowledge for Biodiversity and Sustainable Development Goals (SDGs) in the Pacific was funded by the Global Environment Facility and implemented by the United Nations Environment Programme.



"It's important that our Traditional Knowledge is kept and conserved as it builds our identity. We must know this and conserve it for our future generations so they remain firm in their identity." - Vilaine Momovaku, Environmental Safeguard, Fiji

"Our Traditional Knowledge needs to be documented and legislated so it becomes a policy where people can go back and refer to it so our traditional knowledge is respected." - Colin Sowani Yabaka, Director for Cultural Heritage, Fiji

"We have an opportunity to marry modern science knowledge with indigenous and local ecological knowledge. Being able to retell this knowledge to our children and our grandchildren is important for keeping them connected with our biodiversity." - Nunia Thomas - Moko, Director of NatureFiji-MareqetViti

"A lot of what we know about the environment stems from our Traditional Knowledge and what is passed down to us. Without Traditional Knowledge we fail our children in terms of how we conserve everything within our environment." - Renata Varea, Research Associate, University of the South Pacific

One Pacific Voice supported at the 15th Conference of the Parties to the Convention on Biological Diversity

The Kunming-Montreal Global Biodiversity Framework (GBF), including four goals and 23 targets for achievement by 2030 was adopted at the Fifteenth Conference of the Parties to the Convention on Biological Diversity in Montreal, Canada 3 – 19 December 2022.

Prior to the Fifteenth meeting of the Convention on Biological Diversity (CBD COP15), the Fifth meeting of the Working Group on the Post-2020 Global Biodiversity Framework

(WG2020-5) was convened with the objective of advancing the negotiations on the post-2020 global biodiversity framework before drafting a decision to be considered for adoption by the Parties at the CBD COP15 meeting.

Led by SPREP, support to the 14 Pacific Island countries attending the CBD COP15 was implemented with technical input through the Pacific Islands Roundtable for Nature Conservation (PIRT). It included a One



Pacific approach involving support from the Office of the Pacific Ocean Commissioner, the Pacific Community and WWF Pacific at COP15 with financial assistance from the Government of Australia and the ACP MEA Phase 3 Project funded by the European Union and the Organisation of African, Caribbean and Pacific States for the ACP countries.

Using our One Pacific Voice, the Pacific islands side event on Pacific Ocean Conservation and Governance at COP15

saw presentations shared to a full house. Coordinated by SPREP it featured the Premiere of Niue Hon Dalton Tagelagi, Minister of Natural Resources and Environment of Samoa Hon Toeolesulusulu Cedric Schuster, Australia's Minister for the Environment Hon Tanya Plibersek, the Permanent Representative of Fiji to the United Nations H.E Ambassador Dr Satyendra Prasad, SPREP Director General Mr Sefanaia Nawadra as well as Senior Officials from Papua New Guinea and Australia.



Building the One Pacific Voice for CBD COP15

One of the core activities to help build the One Pacific Voice for effective negotiations at the CBD COP15 was a preparatory regional meeting hosted in Fiji in October. After conducting

virtual meetings for the two years prior, this was the first face-to-face event for Pacific negotiators in the CBD process. Some partners also attended virtually.

This 5-day meeting brought together the Pacific Parties to coordinate a collaborative approach and united voice, discuss priorities and support countries with their preparations leading up to the CBD COP15.

The meeting was attended by the 14 Pacific island countries, Australia, New Zealand, partners from the Pacific Islands Roundtable for Nature Conservation, the Pew Charitable Trusts, CBD Secretariat, UN Environment Programme, The Pacific Community and Office of the Pacific Ocean Commissioner.

The Pacific Preparatory Meeting in advance of the CBD COP15 was facilitated by SPREP through financial support and assistance from partners including the Government of Australia, ACP MEA Phase 3 Project funded by the European Union and the Organisation of African, the Caribbean and the Pacific States for the ACP countries, GEF-UNEP ABS and the University of New South Wales.



Vanuatu completes a Biodiversity Rapid Assessment

In 2022, a Biodiversity Rapid Assessment (BIORAP) was conducted at environmentally significant sites in Western Malekula in Vanuatu's PENAMA Province.

Understanding the biodiversity of an area and how it is being used by the community will help in co-development of management and conservation options at these sites for long term benefits to the community and sustainability of the resources.

The aim of the BIORAP was to understand the status of species at the identified sites.

This was combined with community consultations and social surveys to understand the relationships between the community and their natural resources and ecosystems.

Three women scientists participated as key members of the scientific assessment team. They combined their science skills and their perspectives as ni-Vanuatu women. Their involvement enabled greater gender sensitivity in the consultations and ensured that the team obtained in-depth information from the entire cross-section of the community.



This activity was implemented with support from the Government of Vanuatu through the Department of Environment and Conservation, BirdLife

International and the Vanuatu Eco Liveliness Development Associates.

OBJECTIVE 2.3

Prevent the extinction of threatened species and support measures to sustain their conservation status.

Research for informed decision making to protect cetaceans and sharks

Activities assessing the extent and impacts of fisheries and other threats on cetaceans and sharks in the Pacific under the By-catch and Integrated Ecosystem Management (BIEM) Initiative of the Pacific-European Union Marine Partnership (PEUMP) Programme funded by the European Union and the Government of Sweden were implemented in 2022.

Cetacean expert Dr Cara Masere (Miller) reviewed the status and threats of whales and dolphins across the region, assessing the current level of knowledge on species populations and threats to these populations. The assessment identified incidental catch and fishing gear interactions, direct harvest and pollution as likely

to be the greatest threat to cetacean species. Lack of detailed understanding about many of the cetaceans across the Pacific Islands creates a major obstacle to conservation and management.

In Papua New Guinea, the Piku Biodiversity Network (PBN) in partnership with the Snubfin Dolphin Conservation Project with the Conservation and Environment Protection Authority (CEPA) investigated the by-catch of two small dolphin species: the Australasian snubfin dolphin and the Australasian humpback dolphin, using community monitors in villages around the Kikori Delta.

By-catch is occurring as a result of a lucrative gillnet fishery for swim bladders.



Extremely high dolphin mortality is happening at such a high unsustainable rate that it could result in the extirpation of these two dolphin species from PNG.

Threatened sharks are also incidentally caught in this fishery and were investigated in a separate project with PBN and James Cook University. These include species that are

listed on CITES appendix 2. The region remains a stronghold for several important shark and ray species.

Results from these studies will guide SPREP and Member countries to further improve knowledge of these threats to marine species and develop management approaches to reduce the threats.

OBJECTIVE 2.4

Significantly reduce the socio-economic and ecological impact of invasive species on land and water ecosystems and control or eradicate priority species.

Eradication and management of invasive species in French Polynesia, New Caledonia and Wallis and Futuna

The SPREP invasive species team supported innovation in invasive species management, delivering results to communities in French Polynesia, New Caledonia and Wallis and Futuna. This work, supported by the European Union funded PROTEGE project, was aimed at significantly reducing the socio-economic and ecological impact of invasive species on land and water ecosystems, and the control or eradication of priority species.

Using drones to eradicate rats from eight islets in Uvea lagoon has significantly improved livelihoods in Wallis and Futuna by reducing the

risk of sickness, increasing the productivity of the islets resulting in more fruit and crabs, and restoring island resilience.

Support to French Polynesia to establish the first biosecurity detector dog programme has increased the territory's capacity to fend off biological invasions, protecting livelihoods and the environment.

In New Caledonia, the project has supported training for local hunters, this will support deer management efforts and create opportunities for community members. A training on the use of thermal scopes, devices



that allow hunters to see the heat emitted by animals in the dark which increases their effectiveness when hunting at night, was the first of its kind in New Caledonia.

These activities were implemented by SPREP in

partnership with the Pacific regional Invasive Species Management Support Service and the Governments of French Polynesia, New Caledonia, and Wallis and Futuna. Financial support was provided through the European Union funded PROTEGE Project.

Pacific Invasive Species Battler of the Year awarded to French Polynesia

The 2022 Pacific Invasives Species Battler of the Year Award for outstanding effort to protecting livelihoods and the environment was presented to Mr Hugo Oudart of the French Polynesia Biosecurity Directorate.

By leading the implementation of the first detector dog programme for French Polynesia, Mr Oudart has helped enhance French

Polynesia's border biosecurity, reducing the risk of future invasions which could impact livelihoods and the environment. The canine detection teams work at Tahiti Faa'a Airport and the Papeete Port.

The strengthening of border control was supported by the European Union PROTEGE Project.



Natural enemies, Natural Solutions in Tonga

Despite COVID-19 travel restrictions in the Pacific Islands region in 2022, the eriophyid or gall mite, *Colomerus spathodeae*, a natural enemy for the invasive African tulip tree, *Spathodea campanulata*, was sent to Tonga to help control the spread and density of the invasive African tulip tree.

The gall mites were reared by Ministry of Agriculture staff on Tongatapu for release in all parts of Tonga where needed.

The African tulip tree is considered one of the 100 worst alien invasive species in the world and one of the top 30 terrestrial invasive plants.

Introduced to many Pacific islands as an ornamental plant, the trees pose a threat to island biodiversity across the region. Native to tropical Africa, this fast-growing evergreen tree infests rainforests, out-competes native vegetation

and impacts agricultural production.

Work to control the African tulip tree is one of many activities being supported by the GEF 6 Regional Invasive Species Project: Strengthening national and regional capacities to reduce the impact of Invasive Alien Species on globally significant biodiversity in the Pacific.

This was conducted in partnership with Manaaki Whenua – Landcare Research, the lead PRISMSS technical partner for Natural Enemies Natural Solutions.

The GEF6 RIP is funded by the Global Environment Facility, implemented by the United Nations Environment Programme, and executed by SPREP. The Project works primarily in the Marshall Islands, Niue, Tonga, and Tuvalu and has a regional component. Implementation of the GEF6 RIP is supported by the PRISMSS – Pacific Regional Invasive Species Management Support Service.

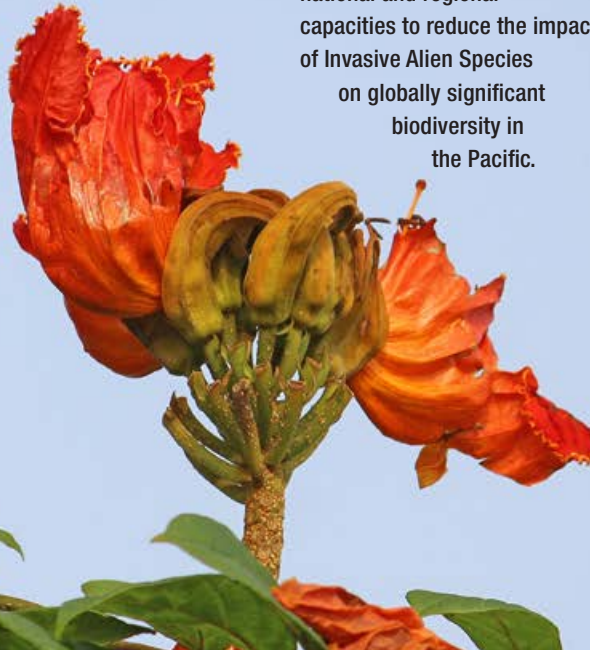


Photo: Rison Thumboor, Wikimedia Commons

Growing Pacific awareness to battle invasive species

Building Pacific awareness on how to best battle invasive species resulted in the production of a range of video resources showcased at both regional and international events including CBD COP15 and UNFCCC COP27.

The videos focus on mainstreaming invasive species management as a tool for building island resilience through the Pacific Regional Invasive Species Management Support Service (PRISMSS) and include the topics: Managing Invasive Species to create green line of defence for the Pacific, Weeds or Resilience, and Rats or Reefs.

These resources have been made possible with the



funding support of the New Zealand – MFAT project “Managing Invasive Species for Climate Change Adaptation

in the Pacific” (MISCCAP) and are now available on the Battler Resource Base for wide distribution.

Waste Management and Pollution Control



Photo © Stuart Chape

REGIONAL GOAL 3

Pacific people benefit from improved waste management and pollution control.

OBJECTIVE 3.1

Minimise the adverse impacts of chemicals and all wastes on human health and the environment via environmentally sound life-cycle management in accordance with agreed regional and international frameworks, including Cleaner Pacific 2025, and significantly reduce the release of pollutants to air, water, and soil.

Repairs Completed to the Healthcare Waste Incinerator at the Solomon Islands National Referral Hospital

The Secretariat of the Pacific Regional Environment Programme (SPREP), through funding support from the European Union (EU), completed maintenance activities on the first of six incinerators to be repaired under the PacWastePlus Project.

The process for repair of the National Referral Hospital (NRH) in Honiara began with an agreement and the signing of a Memorandum of Understanding between SPREP and the Solomon Islands Ministry of Health and Medical Services for repair

and long-term maintenance of the facility. Followed by the deployment of a contractor to Solomon Islands to undertake the needed repairs and training of NRH operations staff was completed.

The incinerator repaired was an Advanced Combustion Engineering CA30 incinerator which had not been used for some time. The secondary burner combustion damper was seized in a closed position, most likely due to inactivity. The damper was freed with a penetrating lubricant, and both primary and secondary burners were started. Additional



incinerator services were performed, and the necessary trial burns were completed.

In addition to the repairs, training on proper maintenance and operation of the incinerator

was provided to hospital personnel. Twelve staff employed at the hospital took part in training and operations awareness of incinerator use and maintenance.

International Coastal Cleanup Day 2022

More than 9,000 kilos of waste were collected and removed from our Pacific environment through clean-up activities held in the Cook Islands, Fiji, Samoa, Solomon Islands, Vanuatu and Wallis and Futuna by over 20 different groups.

The activity saw local communities and associations take ownership in the protection of their environment through undertaking the activities, development of communications materials to raise awareness of marine litter to share with a wider audience and through sharing data on litter collected through a regional network.

As part of this initiative an awareness programme was delivered a week earlier integrating a local school and

community in the clean-up to educate attendees about waste management at the Mataniko River Mouth cleanup in Solomon Islands. In Fiji, the Suva Harbour Foundation in Fiji produced art pieces with the waste collected.

Also, youth were featured during the ICCD2022 event at the Puipa'a Mangrove Area led by the Ministry of Natural Resources and Environment of Samoa. Partners including the UNEP Plastic Tide Turners programme under the Global Environment Facility (GEF) Implementing Sustainable Low and Non-Chemical Development in Small Islands Developing States (ISLANDS) Project promoted actions being undertaken by creating platforms for the youth advocacy movement towards

addressing the issue of single-use plastics and marine litter.

Youth actions included an exhibition on plastic pollution and marine litter with art contributed by local youth artists from the National University of Samoa and the Manamea Art Studio. A brochure on plastic pollution was developed and distributed as well as distribution of reusable cloth bags. A social media campaign was undertaken, and a speech was delivered by youth as well as a poetry performance by a secondary school.

This was coordinated by SPREP through the Committing to Sustainable Waste

9,095 kilos of waste collected and removed from the environment

23 activities conducted by 23 different groups

2,021 volunteers

15 testimonial videos developed

Actions in the Pacific (SWAP) Project funded by the Agence Française de Développement (AFD), Pacific Ocean Litter Project (POLP) funded by the Government of Australia, the Korea Institute of Ocean Science and Technology, the United Nations Environment Programme Tide Turners initiative supported by the GEF ISLANDS Project.



The Pacific-European Union Waste Management Programme (PacWastePlus) is a 72-month programme funded by the EU and implemented by SPREP to address cost effective and sustainable management of waste and pollution as well as broader impacts including human health and wellbeing, climate change, disaster management, biodiversity conservation and resource recovery. Priority waste streams include hazardous wastes (asbestos, E-waste and healthcare waste), solid wastes (recyclables, organic waste, disaster waste and bulky waste) and related aspects of wastewater. Countries participating in the PacWastePlus are: Cook Islands, Democratic Republic of Timor-Leste, Federated States of Micronesia, Fiji, Kiribati, Nauru, Niue, Palau, Papua New Guinea, Republic of Marshall Islands, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu. Learn more about the PacWastePlus programme by visiting pacwasteplus.org

OBJECTIVE 3.2

Strengthen national, regional, and international mechanisms for waste management including chemicals, hazardous wastes, ship and aircraft generated waste, marine plastic litter, and other marine debris.

Study Tour Motivates delegates to design and implement Sustainable Financing for Waste Management Systems

Twenty-two Pacific Islanders took part in a two-week-long, study tour on Sustainable Financing for Waste Management in Australia. This included participation in the ENVIRO 2022 Circular Economy Conference, 14 valuable and inspiring waste management site visits as well as engagement with 55 legislators, industry professionals, or operators to share ideas and learn through intensive workshops and Talanoa sessions.

A peer-to-peer learning was undertaken through the tour, and the completion of a Workbook-based exercise working through options for system design in their own country.

The interactive Study Tour to Australia from 29 August-9



September was a partnership between the European Union-funded Pacific Waste Management (PacWaste Plus), with the United Nations Environment Programme Global Environment Facility

ISLANDS project in the Pacific, implemented by SPREP.

Delegates from 12 Pacific Island countries, as well as Timor-Leste and Trinidad and Tobago, joined the study tour which has affected a chain reaction amongst programme countries championed by participating tour delegates.

Papua New Guinea expressed that the tour was a 'game-changer' for them, and they now have a path to follow to effect behaviour change and system change for their 8.9 million population.

Vanuatu is redrafting their scheme design to reflect the learning it received on the study tour while Niue has commenced the design of the scheme for their country. The Solomon Islands has held its first stakeholder meeting on the design of a scheme.

The 22 participants in the study tour were from Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Timor-Leste, Tonga, Trinidad and Tobago, Tuvalu, and Vanuatu.



Asbestos assessment in Tonga

The Department of Environment under the Tonga Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communications (MEIDECC) together with the national officer for the PacWaste Plus Tonga Project conducted an asbestos assessment in August 2022 as part of an assessment to gather a priority list of ACM

facilities for Abatement, and to measure the total volume.

Sixteen government owned buildings with asbestos-containing materials on roof and a few wall claddings were assessed to observe the status of the building and to review which building meet the EU funding Criteria for asbestos abatement works for which four priority buildings satisfied the EU Criteria.

The findings from the Asbestos assessment for the four priority buildings with ACM have estimated a total of 2052m² of Asbestos Containing Materials present across these buildings. According to the PacWaste Survey of the Regional Distribution and Status of Asbestos Contaminated Construction Material and Best Practice Options for its Management in Pacific Island Countries Report (2015), the

type of asbestos fibre present in buildings in Tonga are mainly Chrysotile, Amosite, and a very little percentage of Crocidolite.

Under the PacWaste Plus Project for Asbestos Abatement there is planned work for the development of Asbestos Management and Code of Practice, and the development of regulation for an asbestos ban.



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Pacific Waste featured at the Asia-Pacific Ministerial Conference on Disaster Risk Reduction

A Secretariat of the Pacific Regional Environment Programme (SPREP) exhibition booth, managed by the European Union-funded and SPREP-implemented Pacific Waste Management (PacWaste Plus) Programme was a popular attraction.

The interactive exhibition space setup featured close to 50 information and awareness booths of various organisations. The SPREP booth facilitated numerous meaningful interactions with delegates who were keen to learn more about the SPREP programmes being implemented in its Pacific Island member countries.

The interest from delegates was heightened after an official partner event delivered by PacWaste Plus in partnership with the Tonga Department of Environment, the Vanuatu Department of Environment Protection and Conservation and the Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Countries, Phase II (JPRISM II) project on the first day of the conference.

An overview was provided by the JPRISM II project on the regional disaster waste management guideline which provides guidance on applicable and appropriate disaster waste management

measures considering the Pacific Island countries' issues and challenges.

The regional guideline focuses on mainstreaming disaster waste into the National Disaster Management Planning process for improved national coordination of preparedness, response and recovery operations and improving the supporting institutional arrangements and resources for disaster waste management.

The event showcased the efforts of Vanuatu in mainstreaming disaster waste management into their national disaster management systems and highlighted SPREPs regional initiatives through the

PacWastePlus programme in the Pacific islands.

PacWaste Plus is assisting participating programme countries to mainstream disaster waste management into the Framework for Resilient Development in the Pacific (FRDP) by implementing activities identified in the Regional Disaster Waste Management Guideline, including developing a template Terms of Reference for the establishment of an Environment Sector Working Group (Cluster) within National Disaster Management Framework to ensure timely and effective implementation of disaster waste management response and recovery.

OBJECTIVE 3.3

Recover resources from waste and pollutants through composting (nutrient recovery), recycling (material recovery), energy recovery, and other measures to minimise waste and contribute to economic and social development.

Audit Completed of the Gizo Central Market

PacWaste Plus completed an audit of the Gizo Central Market as part of the Solomon Islands Country project. The audit will inform the design of the Organic Processing programme for the Gizo Market.

As part of the Solomon Islands country project, the

Ministry of Environment Climate Change Disaster Management and Meteorology is allocating funding to design and implement a programme in Gizo that will collect, and process all organic materials generated at the Gizo Central Market.



Addressing common barriers to recycling

Two of the common barriers to recycling are expensive shipping and unknown recyclables markets.

To address these barriers, PacWaste Plus has published two documents: a Research

Report identifying Overseas Recycling Markets, and a “How-to” Guide for using the Moana Taka Partnership.

Additionally, the Moana Taka Partnership, aiming to alleviate the financial burden

of international waste exports from the Pacific region, has recently expanded its scope to include the Cook Islands and Niue. The agreement covers 14 categories of non-commercial waste.



OBJECTIVE 3.4

Improve waste and pollution monitoring of receiving environments to enable informed decision-making on appropriate measures to protect human health and the environment and to reduce associated environmental damage.

One Pacific Voice amplified at first International Committee on Plastic Pollution

History was made in February 2022, at the resumed fifth session of the United Nations Environment Assembly (UNEA-5.2), a historic resolution (5/14) was adopted to develop an international legally binding instrument on plastic pollution, including in the marine environment with the ambition to complete the negotiations by end of 2024.

Subsequently, SPREP commenced work to support the One Pacific Voice that was amplified at the first session of the Intergovernmental Negotiating Committee (INC1) to negotiate the global legally binding instrument held in Punta del Este, Uruguay from 28 November to 2 December.

This was the first of five INCs to develop the legally binding instrument.

Coordination as a One Pacific at INC1 was led by Samoa as the Chair of the Pacific Small Islands Developing States, supported by SPREP and resulted in the Pacific Islands

being seen and heard at the very first global event event to cement global commitment to address the plastic pollution crisis.

To help set the scene for an amplified Pacific voice at the INC-1, a Pacific preparatory meeting was facilitated by SPREP with funding support from the Government of Australia in August in Fiji in August.

This resulted in a plan of action to ensure Pacific priorities will be reflected in the final Legally Binding Agreement. It was here that Pacific delegates agreed their priority was to address the full life cycle of plastic to stem the plastic pollution crises. This was identified as not starting with the actual production of plastics, but at the extraction stage where fossil fuels are extracted for production, as this also cuts into the issue of climate change, which has been identified as an existential threat for Pacific peoples.



Three months later in November, 14 Pacific Island Countries united for an amplified voice at the INC1, working together to protect the Pacific Islands region as the new legally binding instrument on plastic pollution is being developed.

The Pacific Islands contribute as little as 1.3% of the world's plastic pollution, nor do we produce plastic polymers however our Pacific Islands region is grossly and disproportionately affected by its impacts.

The Cook Islands, Federated States of Micronesia, Fiji,

Kiribati, Niue, Palau, Papua New Guinea, Republic of the Marshall Islands, Samoa, Solomon Islands, Tonga, and Tuvalu engaged at the INC1 supported by SPREP with financial assistance from the Government of Australia.

SPREP worked with partners the Pacific Islands Forum Secretariat, Office of the Pacific Ocean Commissioner, University of Newcastle, Environmental Investigation Agency, Centre for International Environmental Law, University of Wollongong, WWF and Massey University.



Environmental Monitoring and Governance



REGIONAL GOAL 4

Pacific people and their environment benefit from commitment to and best practice of environmental governance.

GOAL 4.1

Strengthen national sustainable development planning and implementation systems through use of Environmental Impact Assessments, Strategic Environmental Assessments, and spatial planning.

Assessment for Coastal Engineering endorsed

With the challenges presented by climate change including the increased frequency of extreme weather events, building resilience and adaptation has become a necessity for the survival of communities across the Pacific.

The endorsement of the Good Practice in Environmental Impact Assessment (EIA) for Coastal Engineering in the Pacific Guidance Note during the Third Executive Board Meeting in Apia Samoa, in September 2022, represented a key step towards this goal.

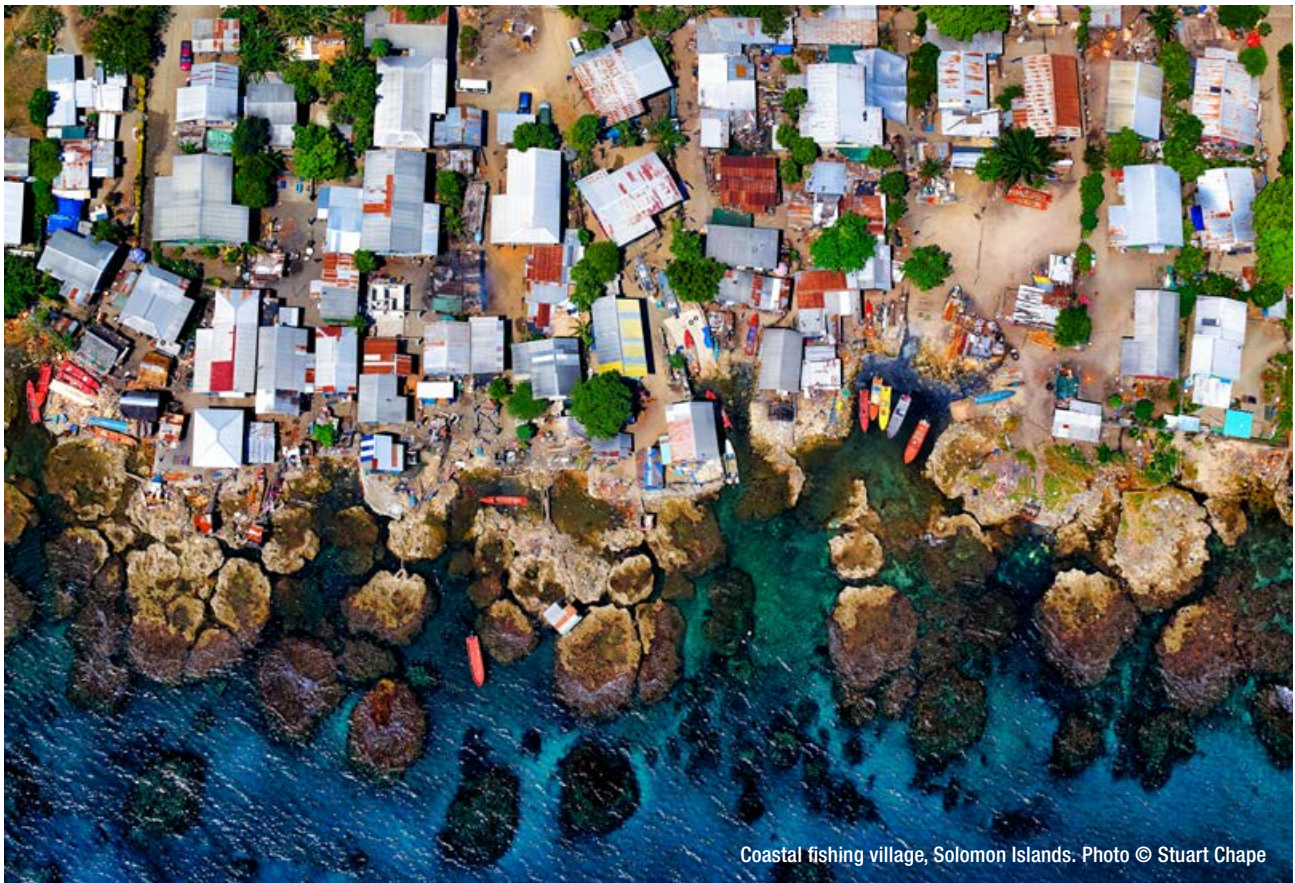
Developed with the financial assistance from the European Union-funded ACPMEA 3 Programme (Capacity Building Related to Multilateral Environmental Agreements in African, Caribbean and Pacific Countries – Phase III) as well the technical input from New Zealand Association for Impact Assessment, the tool was developed to ensure that coastal engineering and development projects in the Pacific are designed and implemented in a sustainable manner taking into consideration the potential environmental impacts of the project.

Many projects in the region include elements of coastal engineering from simple seawalls and sand mining to dredging and port construction as well as ecosystem-based adaptation projects for coastal protection. Such projects are necessary and will need to be assessed appropriately.

The Guidance Note strengthens and promotes best practice in EIA processes for coastal engineering projects in the Pacific. It complements other forms of SPREP EIA assistance such as the development and review of EIA reports and

policies, delivery of in-country EIA training workshops, and provision of technical advice for different stages of EIA.

The Good Practice in Environmental Impact Assessment (EIA) for Coastal Engineering in the Pacific Guidance Note represents a sector-specific version of SPREP's regional EIA Guidelines, first published in 1993 and updated in 2016. The guidance note also delivers on SPREP's Strategic Plan 2017–2026 and other regional frameworks such as the 2050 Strategy for a Blue Pacific Continent.



Coastal fishing village, Solomon Islands. Photo © Stuart Chape

GOAL 4.2

Improve national capacity for good environmental governance supported by technical assistance for the development of policy and legislation, and implementation of Member international and regional commitments.

Strengthening Capacity and Enhancing Environmental Governance and Sustainable Management in the Cook Islands

The capacity of the National Environment Service (NES) of the Cook Islands to deal with Multilateral Environmental Agreements (MEAs), Environmental Impact Assessment and Strategic Environmental Assessments (SEA) has improved thanks to the work of the Environmental Planning Unit of the Environmental Monitoring and Governance programme.

More than 20 officials from NES attended a one week in country training at the NES office in Rarotonga, from 7 to 11 November 2022, to raise capacity on reporting requirements under relevant

MEA's and strengthen participants' understanding and application of the EIA and SEA process in the Cook Islands and the region through practical exercises and group discussion. The training also provided an avenue to discuss NES compliance, monitoring and enforcement system and strengthening EIA compliance and enforcement in the Cook Islands.

The Cook Island National Environmental Service through the National Environment Policy 2022-2032 plans to repeal and amend the Environment Act 2003. These shifts, are captured in the

NES 2021-2025 priorities, demand a strategic realignment and restructure of the Service to ensure it is better fit and equipped to deliver on its mandate.

The work in the Cook Islands responds to SPREP's Regional Goal 4 through the provision of technical assistance to drive policy development in response to regional and international commitments. There was also a unanimous request by NES training participants staff for a bi-annual or annual EIA refresher training by the SPREP to deal with the growing complexity of proposals



handled by NES. The training in the Cook Islands was made possible with funding support from the EU-funded ACPMEA 3 programme.

Pacific DataViz Challenge 2022

The initial Pacific DataViz Challenge 2022 was a collaborative initiative between the Pacific Community (SPC), the Government of New Caledonia, and SPREP through the Inform Project to improve access, sharing, and use of Pacific data, and highlighting innovative data visualisations. The challenge took place from 1 October 2022 to 6 November 2022. The objective of the challenge was to create ways of visualising data in an innovative, creative, aesthetic, and impactful manner, illustrating data from a fresh angle, and to tell a compelling story.

Data visualisation (dataviz) is the representation of raw and often unintelligible data in a more graphic and ergonomic manner for decision-makers and end-users by transforming the information into objects

such as dots, bars, curves, maps, and infographics. By combining aesthetics with simple features, dataviz aims to illustrate seemingly complex information and highlight correlations that would otherwise be difficult to visualize in raw data tables. This saves considerable time and makes it a powerful means of communicating: a real asset for decision-makers who will be able to use it to simulate and model facts so as to make better decisions.

The Inform project's Pacific Environment Portal which hosts the Pacific's largest collection of environmental data was one of the main data platforms used in the challenge. The Cook Islands Terrestrial Protected Areas dataset hosted on the portal was used to showcase a dataviz on the Google Earth

experience winning one of the event's special prizes.

This challenge was organised in partnership with the Pacific Data Hub, SPREP, SPC, The University of the South Pacific, Data.gouv.nc of the Government of New Caledonia, the University of New Caledonia, Link Digital, Maven and Opendatasoft.

Pacific Islands strengthen capacity in Geospatial Information Systems (GIS) through new ELearning course.

A new online course developed by SPREP and funded by the GEF-UNEP Inform Project has significantly strengthened the capacity of Pacific Islands on the basic functions and components of GIS. This initiative was launched in response to the increasing demand from Member

countries on the use of GIS to assist assessments and decisions.

The GIS E-learning course comprises four modules, covering essential aspects such as Software and Process, Environmental Information Data Collection and Management, Display, and Visualisation of Digital Environmental Information, and Spatial Analysis of Environmental Information and Map Making.

The ELearning course was launched virtually, co-hosted by SPREP and its partners – UNEP and the International Union for the Conservation of Nature (IUCN), and attracted more than 60 participants from across the Pacific region. The event marks a milestone in promoting sustainable environmental practices through the effective use of GIS technology and data management in the region.

Basic Drone Mapping and Training helps Samoa

Mapping technology skills is an asset for any organisation in the field of GIS and Remote Sensing (RS). Drone mapping is an example of GIS technology for gathering data. It captures quality real-time ground information for spatial analysis to support our efforts to protect, conserve and safeguard our pristine, fragile environment.

SPREP conducted a Drone Training and Mapping workshop with key national environment stakeholders from Samoa's Ministry of Natural Resources and Environment (MNRE) and Ministry of Works, Transport and Infrastructure (MWTI).

Hosted at the Pacific Climate Change Centre (PCCC) as part of the 2022 Global GIS Week themed "Inspiring Spatial Citizens," the two-day training

was facilitated by SkyEye Pacific and supported by the GIS team of SPREP.

The workshop covered essential topics, including the fundamentals of drones, regulations governing drone flights, risk assessment, practical drone assembly, flight planning, basic manual flight training, and utilisation of the Drone Software for image export and processing.

The participants, after completing the sessions, were awarded certificates in recognition of their newfound knowledge and skills. They enthusiastically welcomed both the theoretical components and the hands-on drone flight practical training, recognising the immense potential of drone mapping to revolutionise their work in environmental conservation and management.



The Drone Mapping and Training workshop was made possible with funding support from the Global Environment

Facility-funded, Inform Project and the EU-funded ACP MEA Phase 3 programme.

2022 Pacific Geospatial Conference

Pacific experts in GIS and technicians are in a better position to be able to perform their roles following the GIS/RS Regional Conference held in Suva from 28 November to 2 December 2022.

The conference was convened under the theme 'Use of Digital Platforms, GIS and Remote Sensing to Anticipate and Manage Impacts of Global Warming' and was jointly hosted by the Pacific GIS and Remote Sensing Council (PGRSC) and the Open Source Geospatial (OSGeo) Foundation.

The event provided a crucial platform for participants to exchange geospatial updates derived from environmental

analysis, sharing insights and experiences from country-specific projects. The conference also introduced many attendees to open-source data and applications, further enriching their knowledge and tools for their work in the field.

The conference gathered over 300 participants, making it the largest gathering of GIS and Remote Sensing experts in the Pacific. By bringing together key stakeholders, the event stimulated collaboration and knowledge-sharing, ultimately strengthening the region's capacity to anticipate and manage the impacts of global warming through innovative GIS and Remote Sensing solutions.



The 2022 conference ushered in a new era, with the OSGeo Foundation and OpenStreetMap Foundation's regional meeting, also known as 'FOSS4G SoTM Oceania', being incorporated into the conference agenda. As a result, a new name was adopted to represent the new joint conference, which will

henceforth be known as the Pacific Geospatial Conference. The participation of SPREP in the Conference was made possible by funding support from the Global Environment Facility-funded, Inform Project and the EU-funded ACP MEA Phase 3 Programme.

Fostering Key Partnerships in the Oceania Geospatial Symposium

The first Oceania Geospatial Symposium (OGS2022) from 28 November until 4 December 2022 in New Caledonia fostered key partnerships and collaborations between Pacific countries and territories, and organisations, bringing together stakeholders in the geography and geospatial sectors.

The week-long symposium featured a diverse array of sub-events, including engaging round table discussions, informative conferences,

interactive training sessions, insightful workshops, an innovative hackathon, and a comprehensive trade show. This multifaceted approach effectively connected experts in geospatial and earth observation, uniting them not only from the region but also from around the world.

Beyond providing a platform for enhancing GIS and Remote Sensing expertise, the Oceania Geospatial Symposium (OGS) 2022 held in Suva also offered a unique opportunity for

collaborative management and analysis of Earth Observation (EO) data. This collaborative approach aimed to better tackle shared challenges such as climate change, population displacement, and water resource management across the Pacific region.

All topics discussed at the OGS 2022 were directly linked to the Sustainable Development Goals (SDGs) while supporting the sustainable management of Pacific Island resources and the operational needs of

Pacific Island decision-makers by leading concrete projects in three thematic areas: Territory Knowledge, Water Resources, and Wetlands at a regional scale.

The OGS 2022 was made possible with funding support from the Group on Earth Observations (GEO), the Global Environment Facility-funded, Inform Project, and the EU-funded ACP MEA Phase 3 Programme.

Supporting Pacific countries in fulfilling their commitments as Parties to Multilateral Environmental Agreements

The ACP MEAs programme continues to assist Pacific countries to meet their obligations as parties to Multilateral Environmental Agreements (MEAs) and to tackle the environmental issues they face. Having completed Phases 1 and 2, the programme is in Phase 3 focusing on assisting countries to enforce and comply with MEAs related to biodiversity, chemicals and waste management, and ocean/seas governance clusters.

In May 2022, the ACP MEAs 3 programme brought together Pacific parties to identify regional priorities and positions

to take at the Conference of the Parties (COP) to the Basel, Rotterdam, and Stockholm (BRS) Conventions during the Pacific Regional Preparatory Meeting. Held virtually, the participants discussed the agenda, and identified matters of concern and interest to the region.

The ACP MEAs 3 programme also played a big role in the Pacific Regional Preparatory Meeting for Parties to the Convention on Biological Diversity (CBD) as well as the Pacific Regional Preparatory Meeting for Parties to the Convention on Illegal Trade in Endangered Species (CITES).

The preparatory meetings for the CBD and CITES COPs were held face-to-face in Fiji and Samoa, respectively. The preparatory meetings for the BRS COP, CBD COP, and the CITES COP were hosted by SPREP in its capacity as the Pacific Regional Centre for the Joint implementation of the Basel and Waigani Convention. The Center was established at SPREP as a result of a resolution adopted during the Basel Convention COP6 in 2002. SPREP plays a pivotal role in providing technical capacity building and policy assistance to member countries who are parties to these conventions.

Aside from providing support for the triple COPs, training workshops on coastal tourism guidelines, MEA reporting, and environmental data portals were conducted for Samoa and the Cook Islands.

Mentoring was provided for Samoa, specifically for PUMA Enforcement Officers on Environmental Social Sustainability under the Pacific Learning Partnership (PLP-ESS). The PLP-ESS mentoring sessions were provided by the Planning Team of EMG and supported by ACP MEA 3 programme.

Countries found them useful and beneficial.

Pacific takes call for good environmental data to global climate change forum

Data is critical to good environment decision-making. All issues concerning the collection, management, processing, integration, and dissemination of environmental data were highlighted at COP27 in Egypt during the “Data Based Reporting in the Pacific” talanoa” session, organised by the Inform Project.

In the Pacific, it has been identified that data collection and management is an expensive exercise in terms of time, money, and resources. Specific capacity and established workflows are necessary to process and publish this data into useful insights to help decision makers and communities make informed decisions.

The GEF funded UNEP-SPREP Inform project has addressed several of these issues by establishing data tools, strategic partnerships, and products together with processes to assist Pacific Island countries to meet identified priorities and to report back on national, regional, and global reporting obligations.

To meet these obligations, the ACP MEA 3 programme worked with the Inform project to ensure that data and the reporting processes from the national environment and climate change ministries meet the various multilateral environmental agreements that Pacific island countries are parties to, such as the United Nations Framework Convention on Climate Change (UNFCCC).

Tuvalu launches State of Environment Report and National Environment Management Strategy

The 2022 State of Environment (SoE) report and National Environment Management Strategy (NEMS) for Tuvalu were launched during National Environmental Week, in June 2022.

The SOE report reflects on the key drivers and environmental pressures such as climate vulnerabilities, waste management, and pollution with highlights on the significant efforts that have been made by the Government of Tuvalu to address these issues. It examines major

drivers of change to the environment that emerge from global, regional, and national factors, and evaluates the main environmental pressures created by these drivers and examines their environmental impact and gives recommendations to ensure economic development is environmentally sustainable.

The SOE report and the NEMS will be useful tools to guide the Tuvalu Government through the Environment Department and key stakeholders in the role they play and to ensure that

environmental data is readily available for policymakers, and it will serve as a reference to guide national development efforts and to improve livelihoods.

The report presents an overview of Tuvalu’s environment across four thematic areas: Environmental Governance; Coastal and Marine; Atmosphere and Climate; and Built Environment. Each thematic area includes a range of measurable environmental indicators to provide insights for sound environmental decision making.



The Tuvalu SOE was made possible with the financial support of the GEF-Inform regional project and the EU-funded ACP MEA Phase 3 programme.

Launch of PAME Evaluation tools improve management of protected and conserved areas

One more step was taken to improve the management of protected and conserved areas in the Pacific with the launch of the Comparative Analysis of Protected Area Management Effectiveness (PAME) evaluation tools.

PAME Evaluations are tools to assess how well protected and conserved areas are being managed, primarily the degree to which management is safeguarding values and achieving goals and objectives. The tools were developed by

the Micronesia Conservation Trust (MCT) under contract to SPREP through the assistance of the ACPMEA Phase 3 programme. Technical and advisory inputs were provided through the assistance of the European Union, the Organization of African, Caribbean, and Pacific States Biodiversity and Protected Areas Management programme (OACPS BIOPAMA).

The ACP MEA Phase 3 programme, is a joint partnership between the EU,

OACPS, the UN Environment Programme (UNEP), and the Food and Agriculture Organization of the United Nations (FAO). The BIOPAMA Programme, an initiative of the Organisation of African, Caribbean and Pacific (OACPS) Group of States is financed by the European Union 11th European Development Fund.

Supporting effective management is an important step forward for the Pacific island’s region, which has a combined EEZ area of

more than 30 million square kilometers and is characterised by high biodiversity values and ecosystem diversity. Pacific island people rely on the land and sea to sustain their livelihoods, maintain traditional knowledge and practices, and support national economies.

The findings and recommendations of the Comparative Analysis would provide insights into current experiences, lessons and best practice with adapting tools in the Pacific.

Secretariat Highlights

Photo © Stuart Chape

ORGANISATIONAL GOAL 1

SPREP has information, and communication systems that get the right information to the right people at the right time and influence positive organisational, behavioural, and environmental change.

OBJECTIVE 1.1

Share and use knowledge through the development and maintenance of reliable systems and processes for the effective collection, storage, and access to critical information.

The Information and Knowledge Management Strategy for SPREP was completed and endorsed in 2022. This strategy will streamline and guide the work of the SPREP Information and Knowledge Management Team and SPREP for the next five years. It will ensure that SPREP's information and resources are available to SPREP Members, staff and stakeholders when requested. A Memorandum of Understanding was signed between SPREP and the Pacific Virtual Museum through its Digital Pasifik Platform. This will help increase awareness and discoverability of content housed in the SPREP Information and Knowledge Management Centre to other institutions and their networks

and followers. This partnership supported by the National Libraries of Australia, and New Zealand and the Government of Australia has helped grow the awareness of the SPREP Virtual Library and its rich Pacific collection.

An inaugural knowledge café was coordinated and facilitated by the Information and Knowledge Management Team with the Pacific Climate Centre and the Ministry of Natural Resources and Environment. The focus of the very first knowledge café was the sharing of experiences from nine villages across Samoa about their work applying marine rehabilitation ecosystem activities and solutions through the Pacific Adaptation to Climate Change



and Resilience Building Project (PACRES). The Knowledge Cafes aim to bridge gaps between producers and users of climate change information.

In a bid to further strengthen SPREP Member countries' knowledge of the Pacific environment, the SPREP Information and Knowledge Management Team conducted a virtual training session to introduce participants

from Kiribati to the SPREP Virtual Library. It is an online resource of over 47,000 records and online documents. The virtual training was attended by participants from the Parliamentary Library of Kiribati, Kiribati National Library and Archives, Sacred Heart High School Library, St Patrick High School Library, and the Ministry of Education Library.

OBJECTIVE 1.2

Influence positive behaviour change within SPREP and its stakeholders through persuasive, purposeful, and integrated communications.

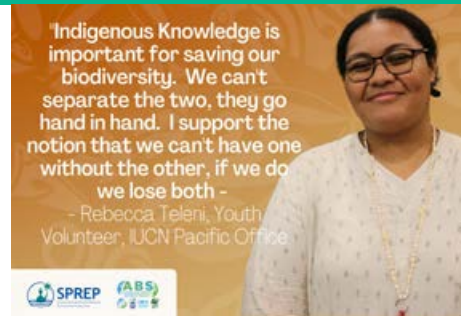
The SPREP Communications Team led the campaign to amplify our One Pacific Voice at the UNFCCC COP26 in 2022, together with the Climate Change Resilience Programme. The One Pacific Voice campaign was also undertaken for the 15th Conference of the Parties to the Convention on Biological Diversity with a side event and exhibition booth as well as media coverage. The campaign supports our Pacific Islands through amplifying our Pacific priorities in as many spaces possible to help ensure these are reflected in final negotiation documents. A communications campaign through traditional, as well as social, media to support the amplification of our Pacific voice was also undertaken for the first session of the Intergovernmental Negotiating Committee to develop an

international legally binding instrument on plastic pollution, including in the marine environment.

Ocean acidification was the focus of a snap social media campaign to raise awareness of ocean issues. Content was made available for our Pacific Islands members to use and distribute through their official social media pages for their national awareness-raising and educational campaigns. Advertisements were published in the regional Islands Business Monthly magazine, pull-up banners developed, and the Ocean Toolkit for Pacific Media was printed with financial support from the Government of New Zealand ready for distribution to Pacific Media to help empower their reporting on ocean issues to bring about better ocean behaviour.

Empowering our Pacific youth was the focus of two workshop activities focused on our Pacific future generations. A special youth day held at the 'Dialogue Forum on Traditional Knowledge for Biodiversity and Sustainable Development Goals (SDGs) in the Pacific' in Fiji in April helped to connect Pacific youth under a shared theme of their role and actions towards influencing and creating a resilient Pacific through sustainable focused work and advocacy. This was followed with a youth workshop held in September resulting in united support for the COP27 digital campaign funded by the Government of New Zealand.

The four winners of the Vision Pasifika Media Award were announced in 2022 with winners for the four different categories coming from



Fiji and Solomon Islands. The award was supported by the Government of New Zealand and resulted in over 30 entries submitted. The Vision Pasifika Media Award, facilitated by SPREP aims to inspire and encourage Pacific Islands media to report on environmental issues raising awareness on good environment behaviour. The winners of the award were announced at the Pacific Media Summit in Solomon Islands through a special event supported by the Intra-ACP GCCA+ PACRES Project.

OBJECTIVE 1.3

Improve quality and interoperability of information and communications technology infrastructure in the region.

SPREP's Information Technology team has adopted a Cloud-first approach in its operations and developments. Web portals and applications built for stakeholders in support of the PacificMet Desk and donor funded projects were developed and deployed and hosted using Cloud-based tools and services. End-to-end IT solutions were supported for our members and stakeholders through capacity building opportunities of these products and ongoing support through the provision of support agreements. This approach is promoted across SPREP Programmes and project-funded IT activities.

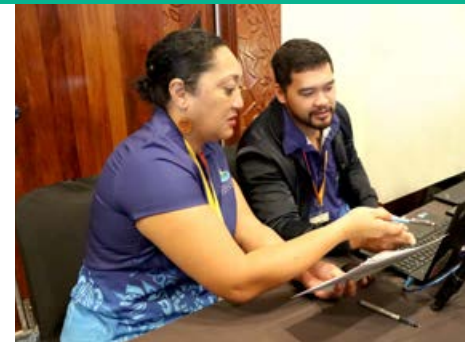
SPREP led a joint development initiative with partners National Institute of Water and Atmospheric Research (NIWA) of New Zealand and Bureau

of Meteorology Australia in the migration of the Drought Monitoring Tool from a desktop application Seasonal Climate Outlooks in Pacific Island Countries (SCOPIC) to an online web application called CLimate Data for the Environment Services Application (CliDesc) developed by NIWA. This initiative was to ensure the Drought Monitoring tool widely used by National Hydrological and Meteorological Services in the region is upgraded, maintained and supported with the SCOPIC tool being outdated. SPREP IT continues to provide IT technical support to SPREP members through the PacificMet Desk activities such as the Climate Outlook, Traditional Knowledge and development and delivery of capacity building with

the World Meteorological Organization.

In 2022, the paper-based manual routing process for internal clearance, approval and signing was transformed digitally using the cloud-based electronic signature solution Docusign. This digital solution allows for the automation of workflows, tracking of documents, improved accessibility, and transparency in the routing process. The adoption of this solution supports SPREP's targets for operational efficiencies and ongoing commitment to paperless operations and environmentally friendly practices and forms part of SPREP's digital transformation.

Ensuring SPREP maintains a secure ICT environment that



support new technologies and changing business operations, the Data center server environments were upgraded to the latest Windows operating systems as well as technology stacks for Drupal Content Management System deployments. Governance processes were also reviewed, and existing ICT policies reviewed and updated to reflect adopted modes of operations and to address new ICT security threats.

OBJECTIVE 2.1

Promote integrated programme approaches to address environmental management challenges.

SPREP continued to operate and deliver its work and services in a more integrated and cohesive manner through key internal coordinating mechanisms which were established since 2018. These included the:

- People Strategy implementation which involves all staff of SPREP.
- Gender Equity Inclusion and Mainstreaming (GEIM) which coordinates gender and social inclusion activities across SPREP including the review of the SPREP Gender Policy
- Blue Team which provides a coordinated approach to matters relating to coastal, marine and ocean governance. It is the forum

that provides policy and technical advice on regional and international ocean related processes such as the Marine Biodiversity of Areas Beyond National Jurisdiction (BBNJ), 2050 Strategy, and the UN Ocean Conference.

- Partnership and Resourcing Reference Group (PRRG) continued to assess new partnerships for SPREP including possible areas for new strategic partnerships.

The Country Territory Strategic Partnership Framework Task Force (CTSPF) coordinates SPREP’s support to countries in initiating the CTSPF process.

The SPREP Project Review and Monitoring Group continued

to review and appraise new project concepts and proposals developed by SPREP to ensure projects are strategically aligned to the SPREP Strategic Plan and national priorities.

SPREP Project Coordination Unit capacity strengthened with the additional USD 257,000 secured through the current grant funding support from New Zealand Ministry of Foreign Affairs and Trade which supported the recruitment of a Portfolio Officer, to improve reporting on SPREP’s portfolio, supporting SPREP’s accredited entity function, improving safeguards including gender and social inclusion and delivering capacity development to Pacific Islands.

SPREP as an Executing Agency of GEF working through UNEP as the GEF Implementing Agency continued to implement GEF funded projects including the GEF Regional Invasives Project to strengthen national and regional capacities to reduce the impact of Invasive Alien Species on globally significant biodiversity in the Pacific; the GEF Inform Project to strengthen environmental data for reporting to MEAs and inform decision making; and the GEF ISLANDS Project to prevent the buildup of Persistent Organic Pollutants and mercury materials and to manage and dispose of existing harmful chemicals and waste across Pacific Small Islands Developing States.

OBJECTIVE 2.2

Strengthen SPREP’s learning and outcomes reporting framework, integrating organisational and environmental performance.

Monitoring and Evaluation (M&E) is core to the multi-disciplinary processes in leading the results-focused reporting on the Secretariat’s performance across strategic goals based on agreed targets biennially. In this reporting period, M&E:

- reported the 54% achieved Performance Implementation Plan3 (2022–2023) outcomes in its first year of implementation;
- mapped the operationalisation of Framework of Resilient

Development in the Pacific 2017–2030 in Cook Islands; and

- continued to assess the effectiveness and efficiency of SPREP-DFAT Grants Agreement 76930/1 2021–2025 using SPREP-DFAT Results Framework aligned to DFAT’s Partnership Performance Assessment Framework.

SPREP remained committed to delivering relevant, effective, efficient, and sustainable programmes with positive impacts across partners.



ORGANISATIONAL GOAL 3

SPREP has a reliable and sustainable funding base to achieve environmental outcomes for the benefit of the Pacific islands region and manages its programmes and operations to stay within its agreed budget.

During the financial year 2022, the Secretariat recorded USD 5.77 million dollars in expenditure with collections in income totalling around the same amount at USD 5.75 million. After factoring in net finance income and foreign exchange exposure, the results noted was an overall net surplus for the period of USD 26,261. The circa breakeven position is evidence of the continuing cashflow challenges during the year as a result of the ongoing adverse impacts of COVID-19 which saw prolonged and significant effects on

programme implementation and thus overall income for SPREP than budgeted. Close monitoring of the budget and cashflows including strict controls on core expenditure were thus implemented and was effective resulting in the overall positive results at year end. In terms of total reserves, the balance increased slightly to USD 1,043,972 compared to a balance of USD 1,017,711 in 2021. Whilst these measures are temporary and insufficient to sustain SPREP over a long-term crisis such as COVID-19 should it persist,

the financial indicators surely provide a means to maintain confidence amongst the donors and partner community of SPREP's resilience and ability, through their determination to deliver and sustain itself despite the current challenging environment.

Financial sustainability in the longer term through stable funding and income sources and a rebuild of total reserves remains a key challenge to be addressed by the Secretariat and its Members. Based on a continuing increasing portfolio for SPREP which is

now USD 36.5 million for 2023 compared to USD 19 million six years ago, the core functions of the Secretariat have to be also strengthened and thus further reaffirms the need to build a very strong and financially sustainable position for the Secretariat, to ensure adequate support of its regional and organisational goals with the view of achieving its overall vision in the long term for a resilient Pacific environment for sustaining our livelihoods and natural heritage in harmony with our cultures.

ORGANISATIONAL GOAL 4

SPREP is leading and engaged in productive partnerships and collaborations.

A new partnership with the Pacific Virtual Museum has enabled the harvesting of SPREP publications and knowledge products through the digitlpasifik.org platform. Also, for the first time, a partnership with the Environment Institute of Australia and New Zealand (EIANZ) was established which will further strengthen the use of impact assessment processes, tools, and knowledge to achieve better sustainable outcomes.

Of the nine partnerships established two are with UN agencies – UN Convention on Biological Diversity and UN Environment Programme, two with research institutions US Geological Survey, and Commonwealth Scientific and Industrial Research Organisation of Australia, two with academic institutions –

University of Newcastle and the Association of Pacific Rim Universities, and one with the NZ Impact Association.

SPREP continued to demonstrate leadership on regional partnership coordination, networks, and global engagement through the:

- SPREP Climate Change Resilience Programme continued to provide technical support and advice to Pacific SIDS that are Parties to the UNFCCC and led the One CROP team in implementing the Pacific Voyage Plan up to and beyond COP27.
- SPREP Island and Ocean Ecosystems (Programme provided strong support and assistance to Pacific islands at the CBD COP15 and led the coordination of key partners which included SPREP, SPC, Office of the Pacific Ocean



Commissioner (OPOC), Pacific Islands Roundtable for Nature Conservation (PIRT) partners and Pew Charitable Trust in supporting Pacific islands at COP15.

Secretariat of the PIRT continued to promote and coordinate the implementation of the Pacific islands regional framework for Nature Conservation amongst the PIRT Membership.

SPREP Waste Management and Pollution Control Programme led the coordination of the Pacific INC-1 Preparatory Meeting which was held in Suva Fiji to prepare for the first Session of the Intergovernmental Negotiation Committee on Plastic Pollution including in the Marine Environment in Punta del Este, Uruguay, November 2022.

ORGANISATIONAL GOAL 5

SPREP has access to a pool of people with the attitudes, knowledge, and skills to enable it to deliver on its shared regional vision.

The new SPREP Director General, Mr. Sefanaia Nawadra, started official duties on 4 April 2022. Mr. Nawadra is the seventh Director General of SPREP and the first Fijian national to lead the Secretariat. He works closely with the SPREP Senior Leadership Team at the helm. Following the appointment of the Director General, two additional Senior Leadership Team recruitments were completed, the Director of Environmental Monitoring and Governance Programme, and the Director of Waste Management and Pollution Control Programme.

Recruitment continued despite challenges imposed by COVID-19 with ongoing border closures in the first half of 2022. During international border closures, the Secretariat continued to carry out all recruitment virtually with effective use of available online tools. Many new staff started in their roles remotely. The first lot of staff relocations resumed in May 2022, after 2.5 years of lockdown and

remote work arrangements due to COVID-19. With the full opening of international borders in the last quarter of 2022, many new staff and their families were able to relocate to their base locations for work. Many staff who were also unable to travel home for holidays were finally able to travel and reconnect with families and loved ones.

The People Strategy continued its second year of implementation. Whilst dedicated budget remained a challenge, the Secretariat was able to secure funding to progress priorities identified through staff engagement under the different People Strategy Outcomes Groups.

These works included the development of policies for

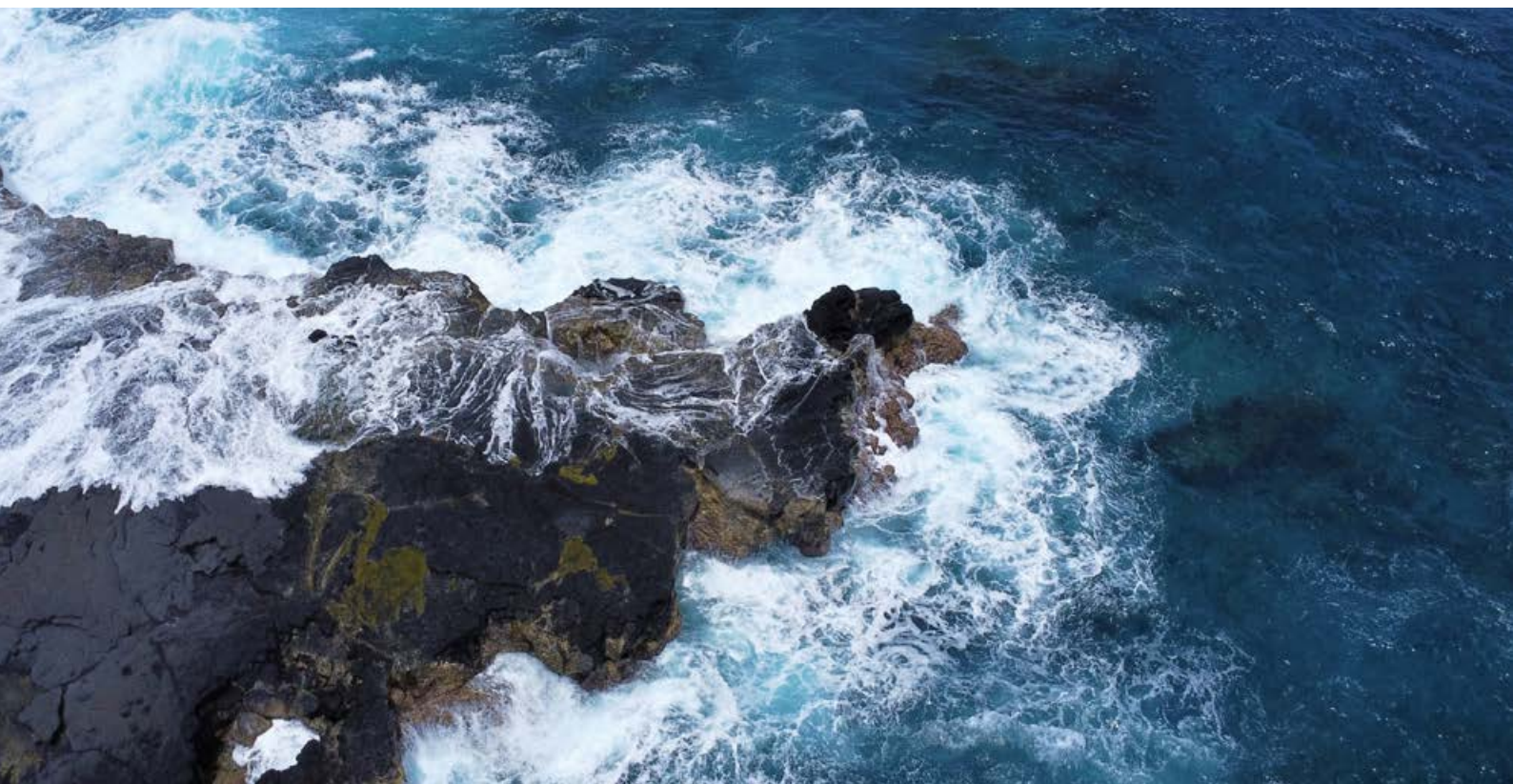
1. Flexible and Remote Work Arrangements
2. Occupational, Health, Safety, Security Environment and Wellbeing,
3. Robust Workforce Plan, and
4. Grievance Mechanism.



It is envisaged that this work will be completed before the end of 2023.

In addition to these specific work on policies under the People Strategy, other key developments for further strengthening SPREP's commitment and support to the People Strategy and to the Organisational Goal 5 of the Strategic Plan include:

- a. the Remuneration Review that was completed in 2021 and the SPREP Meeting agreed to defer this for further consideration by the Members Working Group on the Report on
- b. the Independent Corporate Review and Mid-Term Review of the SPREP Strategic Plan. Whilst this was being considered, the Members kindly approved a general salary increase of 2.5% effective from 1 January 2022;
- b. renewal of the staff medical insurance for another three-year term with Allianz Worldwide Care;
- c. review of the Staff Regulations; and
- d. review of many other staff policies including a trial of changes to the Recruitment and Selection process.



Crosscutting issues and lessons learnt

Photo: Ocean Ventures Fiji

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Our work across all of SPREP is interconnected with many key crosscutting issues. This section highlights key crosscutting issues which includes innovation, strategic linkages, gender mainstreaming, risk management, and some of the lessons learnt as we continue to work towards a more resilient Pacific environment.

Innovation

Innovation and flexibility in delivering services to Members continued even after borders were opened through the interactive hybrid learning using virtual platforms delivery continued to a wider audience across the region reaffirming SPREP's commitment in responding to critical environment issues

even after borders were opened. Webinars and virtual events were also successfully organised and delivered by SPREP Programmes and Departments in 2022.

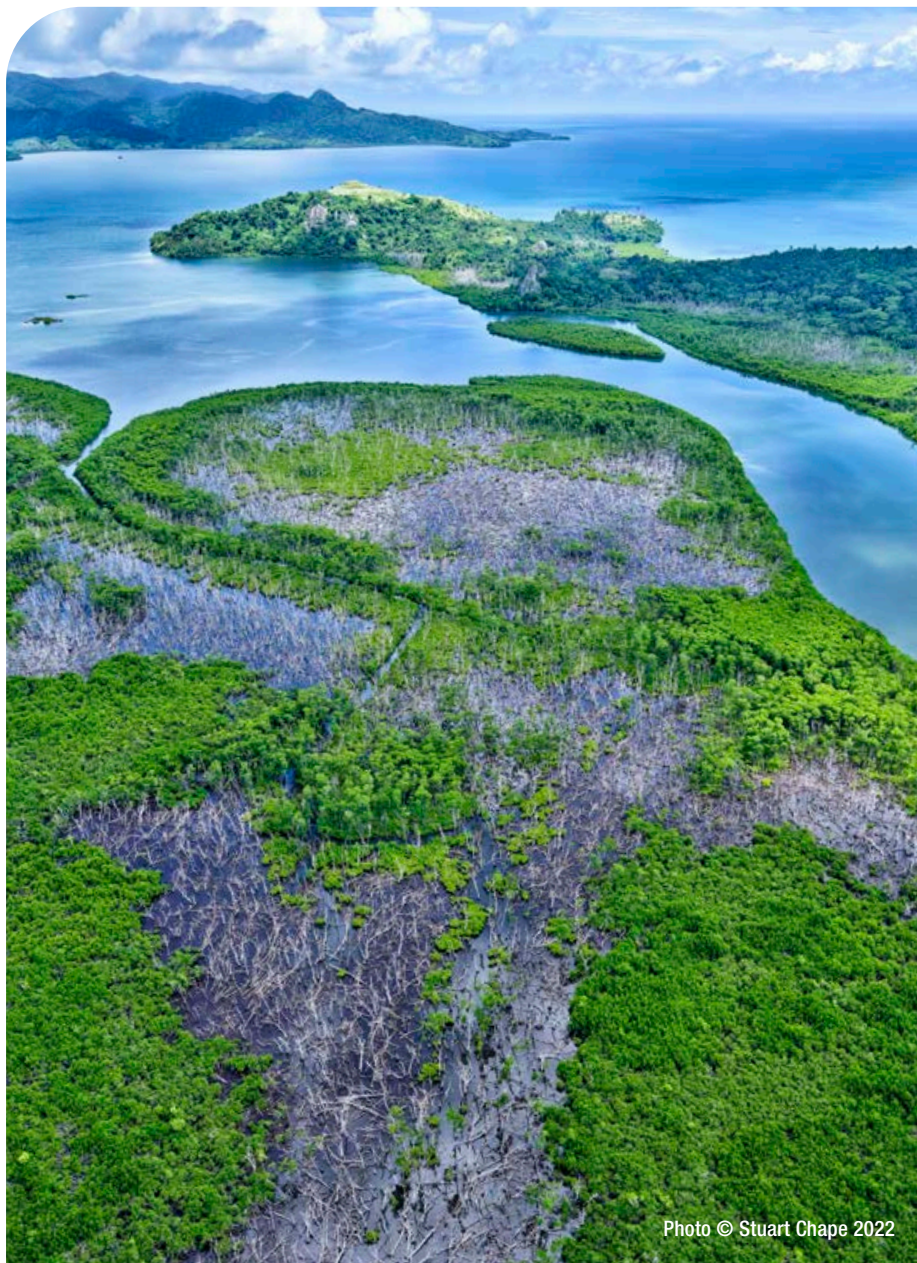
The Pacific Climate Change Centre at SPREP hosted the first Pacific Virtual Climate Innovative Exhibition hosted

from 4– 6 October 2022. Over 2,000 people engaged, consisting of both daily webinar sessions and virtual exhibitions. The Pacific Virtual Climate Innovative Exhibition connected people to learn of potential innovative solutions to climate change challenges faced in the Pacific region.

The PNEA online a portal of EIA resources has grown to a mailing list over 300 members from government and donor agencies linked to EIA implementation and approvals with now close to 190 registered portal members who can access exclusive regional relevant EIA content and guidance.

Strengthened implementation modality with the engagement of sub-regional partners

- The EU funded Pacific BioScapes Programme being implemented in 11 countries has engaged SPREP regional partners as an implementation modality to provide the best support to addressing the needs of Pacific Island Members.
- Through the work of GEF ISLANDS and UNEP, work has progressed on the Moana Taka Partnership (MTP) Plus, a partnership between SPREP and Swire Shipping, for the disposal of non-commercial waste from the PICTs to Swire destination within the Asia Pacific. The MTP-Plus refers to the expanding of the existing MTP to other shipping agents in the Pacific and to other SIDS.
- Strengthening safe circular economy in the conservation, protection and use of natural resources to build resilience through implementation of the zero-waste hierarchy which adds Refuse, Rethink, and Redesign to the top of the pyramid followed by Reduce, Reuse, Recycle plus Return.
- Strengthening community resilience to impacts of climate change through the management of disaster waste by way of improving access to landfills in Tonga and Vanuatu, as well as the abatement of asbestos containing materials that become hazardous to disaster responders and volunteers.
- Maintaining the MoU with the New Zealand Association of Impact Assessment (NZAIA) continued to foster the relationship of NZAIA members with SPREP, contributing their expertise to undertake training in areas identified by SPREP. There is no cost on NZAIA expert engagement in delivering training for member countries.
- The SPREP GIS Team secured funding from the Ensuring Resilient Ecosystems and Representative Protected Areas (EREPA) project in the Solomon Islands from IUCN GCF funding. The GIS team provided support on the development of protected areas geospatial information for the five provinces in the Solomon Islands.
- The integration of the Secretariat of the Noumea Convention functions as part of the ACPMEAIII Programme has further raised the visibility of the Noumea Convention as well as the ACP MEA III in the Pacific region through publications, trainings and Noumea Convention COP preparations and negotiations.
- The successful implementation of the Pacific Learning Partnership for Environment and Social Safeguards (PLP/ESS) has resulted in initial discussion between World Bank and SPREP on a longer-term relationship to strengthen EIA/ESS in the Pacific region.
- SPREP's People Strategy is an organisation strategy for all staff. The implementation approach sees the Director General leading on the strategy with the Senior Leadership Team taking lead on implementation of the specific outcomes. The Staff Advisory Committee takes an active role with all staff involved in different working groups for its implementation.
- Strengthening safe circular economy in the conservation, protection, and use of natural resources to build resilience through implementation of the zero-waste hierarchy which adds Refuse, Rethink, and Redesign to the top of the pyramid followed by Reduce, Reuse, Recycle plus Return.
- Strengthening community resilience to impacts of climate change through the management of disaster waste by way of improving access to landfills in Tonga and Vanuatu, as well as the abatement of asbestos containing materials that become hazardous to disaster responders and volunteers.
- Supporting the PacMet Desk through joint development with partners NIWA and BOM in migrating Early warning tool from SCOPIC to CliDesc.



Strategic linkages

SPREP continued to operate and deliver its work and services in a more integrated and cohesive manner through key internal coordinating mechanisms which were established since 2018. Examples of key results achieved include:

- CCR have worked closely with IOE, WMP and EMG on a number of initiatives to ensure a joint approach to delivering on SPREP's key regional goals, particularly through the cross-cutting themes of climate change and oceans. Examples include: the combined work to establish an MOU with CSIRO to ensure the delivery of cutting-edge science and research to inform our respective programmes and deliver enhanced outcomes for both managing our oceans and responding to climate change; and combined work to deliver outcomes and key activities under the 2050 Blue Pacific Strategy, as part of the Multi-Sector Expert Group on Climate Change, Oceans and the Environment.
- The ACP/MEA 3 involved the engagement of the IOE, Waste Management Programme and EMG Programme on the delivery of its activities under the Noumea and SPREP component of the programme.

At the regional and global levels, SPREP continued to be engaged and actively participate in key processes working closely with key partners. Key highlights of results achieved are outlined below:

- SPREP continued to actively engage in the development of the 2050 Strategy led by PIFS providing technical advice and input particularly on strategic areas relating to SPREP's core areas of work. The 2050 Strategy was endorsed by the SPREP Executive Board in 2022 and its subsequent implementation.
- SPREP continued to engage in the BBNJ negotiation process supporting Pacific SIDS and working closely with the Office of the Pacific Ocean Commissioner (OPOC). SPREP's engagement is important as the lead regional organisation on the environment and its key role as the Secretariat of the Noumea Convention.

To ensure the voices of the Pacific are amplified in global negotiation processes and related forums, SPREP and Members were engaged in the following global events:

Fifth Session of the United Nations Environment Assembly held virtually and in Nairobi, Kenya from 28 February to 2 March 2022.

Meetings of the conferences of the Parties to the Basel, Rotterdam and Stockholm conventions in Geneva, Switzerland from 6 to 17 June 2022.

Fourth and Fifth Sessions of the Intergovernmental Conference negotiations for a Treaty on Biodiversity Beyond National Jurisdiction (BBNJ) under the United Nations Convention on the Law of the Sea in New York, United States of America.

Second UN Ocean Conference with the theme 'Scaling Up Ocean Action Based on Science and Innovation for the Implementation of Sustainable Development Goal 14 Stocktaking, Partnerships and Solutions' held in Lisbon, Portugal from 27 June to 1 July 2022.

Twenty-seventh session of the Conference of the Parties (COP 27) to the United Nations Framework for the Convention on Climate Change to be held in Sharm el-Sheik, Egypt from 6 to 18 November 2022.

First Intergovernmental Negotiating Committee (INC1) to negotiate a global legally binding agreement to address the whole life cycle of plastic pollution, which is to be held in Punta del Este, Uruguay from 28 November to 2 December 2022.

Fifteenth meeting of the Conference of the Parties to the Convention on Biological Diversity for the development and agreement of the post-2020 Targets in Montreal, Canada from 5 to 17 December 2022.

Gender mainstreaming

Gender equality is critical to the achievement of SPREP's Strategic Objectives and is core to the delivery of SPREP's Strategic Plan (2017–2026) and vital to SPREP's overall response and mandate to support Member country's environmental priorities and sustainable development goals:

Gender equality inclusion and mainstreaming remained a SPREP priority across Programmes and Departments: GEIM Team led the review of the SPREP Gender Policy 2016 with input from staff, partners, among others. The Gender Policy 2016 review aimed to support SPREP's contributions to gender equality at both a project level as well as an organisational level and contributes to SPREP's vision for 'a resilient Pacific environment sustaining our livelihoods and natural heritage in harmony with our cultures'. The expected outcome of the review led to updating guiding principles on gender equity, social inclusion, and mainstreaming; relevant gender-related indicators for reporting; gender justice in climate change, among others. Two Gender Champions were nominated across the organisation namely, for SLT – DDG for Governance and Operations; and Pacific Climate Change Centre (PCCC) Manager for staff. There have been significant efforts achieved to promote gender equality and empower women, empower disability, and social inclusion and empower marginalised communities through programmes and projects that are implemented. Gender mainstreaming have been implemented and efforts to strengthen its response and commitment to gender equality as evident through the following mechanism the GEIM, Gender champion at COP and within SPREP, revised Gender policy and gender requirements implemented for each project and programme.

Recognising that climate change will nevertheless continue, albeit hopefully at a reduced rate, the Pacific Climate Change Centre through its function on Capacity Building hosted a series of workshop on Climate Change Gender and Social Inclusion for the Samoa Fa'afafine Association, the Brown Girl Woke and the Samoa Office of the Ombudsman. SPREP through the PCCC is also a member of the Women of the Wave (WOW) Network a network which aims to support and inspire women in the international governmental organisations of the Pacific to further their career and leadership aspirations, and to expand the connections and opportunities in a sector where numbers of women in senior positions are lagging.

The PCCC through its Project for Capacity Building on Climate Resilience for the Pacific trained more than 600 participants (between 2019-2022) from Governments, Civil Society, NGOs, and private sector of which 54.25% of the total participants were women.

Gender is addressed in IOE implemented projects through specific activities including the direct engagement of gender specialists to ensure compliance in activity implementation. The KIWA project which aims at strengthening stronger regional cooperation on Nature-Based Solution for climate change adaptation in the Pacific undertook gender segmentation in its reporting. It also ensures women groups in the Pacific can effectively access NbS funds through capacity-building activities.

The PWP, SWAP, POLP projects implemented by WMPC are implementing their gender plans ensuring the inclusion of women in its in-country activities. PWP assessed GEDSI implications

for the implementation of sustainable financing systems to fund and improved waste management. Further, PWP also developed a toolkit for GEDSI considerations. Taking into consideration gender equality and social inclusion is a priority for the SWAP Project. As such, the SWAP has developed a Gender Equality and Social Inclusion Strategy and Action Plan which are implemented throughout the project's activities.

EMG Programme embedded gender inclusion and mainstreaming in their activities. The Empowerment of women in data for decision making and developing a gender balanced stakeholder group including the steering committee, national coordinating mechanisms, and meeting participants is a focus of the Inform Project. The Project Steering Committee Composition of Project has two females and one male; the Countries project focal points have nine females and five males; the Inform Project itself had six females and four males. The trainings on data portal, indicator reporting tool, and mobile data collection has a coverage of 60% females and 40% males. The e-learning platform registration had 53% females and 47% males.

EMG Programme has made significant efforts to promote gender equality and ensure equal participation of men and women across all our activities. Throughout the year, the unit incorporated gender perspectives in its work and actively sought to engage women in all areas, supported by the collection and analysis of gender disaggregated data to identify areas where we can improve our engagement with women. The data showed that the estimated average percentage of women participation involved in the planning of activities (SEA Webinar, EIA Training- Cook Islands and Tokelau, PLP-ESS Trainings, Samoa Sustainable Tourism Training, PUMA EIA training, etc) is approximately 45%.

PIP 3 (2022–2023) reporting provided gender disaggregation of data whenever feasible for in-country implemented activities by Programmes which recorded and average between 45-65% women engagement.

At the organisation wide level, gender has been mainstreamed into the SPREP Senior Leadership Meetings where it is a standing agenda item for SLT monthly meetings. This has enabled and facilitated greater awareness and recognition of the importance of gender at the organisational level.

The People Strategy encouraged inclusivity and the involvement of GEIM in the implementation of key activities under the People Strategy. Gender equity and mainstreaming had been considered in all recruitment and procurement activities completed for 2022 as part of staff commitment to engage with SPREP signed in its contract of employment.

Mainstreaming of gender equality in SPREP is visible in the communications products and services shown in guides, checklists, and reporting form" being aligned to 2016 Gender Policy now being reviewed. Mainstreaming of gender equality is also evidenced in panels for side events, webinars, launch events or any other event which facilitates a panel of presenters or speakers for example, assisted women leaders in the Pacific during COP 27, Minister of Environment Niue, Special envoy to Marshall Island, Director General Department of Environmental Protection and Conservation, Ministry Climate Change and Adaptation, Vanuatu.

Risk Management

Risk management is an integral component of on-going corporate governance and decision-making to improve resilience, accountability, and the achievement of strategic objectives. Risk Management is a priority of SPREP across Projects, Programmes, and Organisational levels of work.

At the organisational level, Priority Enterprise Risks (PERs) have been constantly monitored and managed at SLT level by updating the senior management on the identification, mitigation, and reporting identified PERs through the Risk Committee. Risk management is integrated into the SLT monthly meetings as one of the standing agenda items. At enterprise level, risk categories were identified, assessed, and reported as:

- PER 1 (Disasters – man-made and natural including global pandemics)
- PER 2 (Inadequate funds for operations both core and non-core budget)
- PER 3 (Delayed project implementation)
- PER 4 (Human resource capacity)

At the Programme and project level, risk reviews are carried out for on-going projects as outlined below:

- For IOE, risk management is built into project implementation.
- For WMPC, risk management started with the conduct of annual reviews in all its projects where regular updates are deliberated such as overcoming the COVID-19 pandemic through the contracting of national project officers. PWP, SWAP, POLP, and ISLANDS projects carried out annual review of their risk management plans and provide regular updates to their project steering committees and governance groups.
- For EMG, risks associated with the implementation of the ACP MEA 3 project, are reviewed jointly with the IOE and WMPC Programmes. Delays in the implementation of activities are due to a number of factors including the availability of key personnel and capacity constraints.

Financial risks are consistently and continually monitored and managed as attested to positive audit reports for all audits completed in 2022 which provides assurance to not only the efficient and transparent management of funds by SPREP but also the sound internal control systems and governance structures that SPREP has in place.

Lessons Learnt

In the implementation of the first year of PIP3 across the organisation, critical lessons learnt as follows:

- Partnership engagement and regional coordination
- Coordination with other regional organisations is essential to addressing major environmental issues at a regional scale, such as regional fisheries bodies, SPC FAME and national fisheries agencies about bycatch of threatened and endangered species.
- The One CROP approach to support Pacific island delegates at CBD COP15 increased the level of technical support provided which greatly assisted the engagement of Pacific island Members in the CBD COP15 negotiations.
- Increased effort in working with partners adds value to SPREP's programme delivery.
- Establishing positive and lasting relationships such as with NZAIA, SPTO, IAIA, UNEP, ADB, World Bank and USP have contributed to increased programme and project implementation including the delivery of capacity building and training on EIA and ESS.

Continuous learning

Need for continuous capacity building sessions or learning development platforms for SPREP staff to undertake professional development such as IT training and awareness sessions to enable them to be enhance their skills and knowledge on digital technologies and programmes to minimise security risks and ensuring that any risks to the organisation are prevented and/or mitigated.

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Governance and operations

The nature of SPREP's work requires its operations and personnel to be highly adaptive and agile to changing business environment. This includes strengthening capacity to ensure compliance and consistent application of approved governance policy frameworks for example, the financial management procedures, procurement manual, staff regulations and related HR policies, risk management policy, IT Policies, KM Strategy, and ESS.

Whilst sustainable funding for SPREP is reliant on collective efforts by many players including not just the SPREP team, increasing the cost of doing business in the current environment is partially addressed by managing the Programme Support Fees which requires a more strategic and pragmatic approach to ensure financial sustainability. This also highlights the need to address inadequate core funding support through membership contributions, which have remained generally unchanged over the years.

A dedicated budget for the People Strategy activities is now incorporated as a key component of the personnel budget. This strengthens the commitment of the Senior Leadership Team and the Secretariat to its people and the implementation of the People Strategy.

Annual Statement on Internal Control for the Financial Year 2022

Scope of responsibility

As the Director General of the Secretariat of the Pacific Regional Environmental Programme (SPREP); I am accountable for maintaining an effective and efficient system of internal control as specified in Regulation 25 of the SPREP Financial Regulations. I also have responsibility for ensuring that funds are safeguarded and properly accounted for, and that these are used economically, efficiently, and effectively.

Purpose of the system of internal control

Internal control is designed to reduce and manage rather than eliminate the risk of failure to achieve the Organisation's aims, objectives, and related policies. Therefore, it can provide reasonable but not absolute assurance of effectiveness. It is based on an ongoing process designed to identify the principal risks, evaluate the nature and extent of those risks, and manage them efficiently and effectively.

The key elements of the internal control environment include:

SPREP has an Internal Control Framework Guideline – that is based on the COSO model of internal control¹ which is the best-known basis and most accepted model for understanding an Internal Control Framework (ICF) within an organisation. It sets out five interrelated components of internal control and 17 principles that are required to have an integrated and effective internal control system. For each of these components and principles, the guideline elaborates on the significant controls that are in place for SPREP.

Ensuring compliance with established policies and procedures – SPREP is undertaking a comprehensive review of all its policies, procedures, and manuals to ensure its consistency, relevance, and effectiveness to meet our current needs.

Organisational Values and Code of Conduct – SPREP's Organisational Values and Code of Conduct are made available to all staff on induction and constantly reinforced. Our expected behaviour is enforced through our performance assessments and supplemented by a Fraud Prevention and Whistle-blower Protection provision.

Policy and provisions in the SPREP Procurement Manual – SPREP has a stringent procurement and vetting process in place to promote compliance with manuals and best practices to ensure that member funds are properly safeguarded and are used economically, efficiently, and effectively in accordance with the authority that governs their use.

Financial Management – The Director for Finance and Administration is responsible for the accounting and has staff for record keeping, financial reporting, procurement, and project accounting.

There is adequate segregation of critical duties through Financial Delegation which ensures that commitments are made by authorized staff. SPREP staff use an enterprise software solution called Tech One which has been in operation since 2014. It produces data for the financial statements that are prepared in accordance with International Financial reporting Standards (IFRS) and International Standards on Auditing (ISA).

Risk Management – The SPREP revised Risk Management manual was approved in November 2021 and is aligned to the ISO 31000:2018 standards. It includes relevant terms of reference that is chaired by the Deputy Director General and supported by the Risk Committee. SPREP's approach to risk management is an integral and systematic process that seeks to identify mitigate, monitor, and communicate top prioritised risks for the Organisation.

¹ Committee of Sponsoring Organizations of the Treadway Commission (COSO) Internal Control, May 2013

Annual Statement on Internal Control for the Financial Year 2022 *cont.*

Review of the Effectiveness of Internal Control

As the Director General, I have the responsibility for reviewing the effectiveness of the system of internal control. My review is informed amongst others by the following sources.

Senior Leadership Team meetings – The Secretariat leadership team meets monthly and as and when the need arises. The objective of this meeting is to make decisions, bring up and solve issues, align cross-functionally, and gain insights into every programme and department.

Audit Committee – The Audit Committee has five independent experts and is complemented by the Troika members, consisting of the past, current, and future Chairs of the SPREP Meeting. The Audit Committee meets three to four times a year and provides the Secretariat with structured, systematic oversight of the SPREP's governance, risk management, and internal control practices.

Internal Audit Function – Internal Audit (IA) provides independent and objective assurance that the secretariat's risk management, governance, and internal control processes are operating effectively. The internal auditor reports administratively to the director general and is functionally responsible for the audit committee.

External Audit – The external auditor provides an annual certification of the financial statements that are in accordance with the International Financial Reporting Standards (IFRS) and the International Standards on Auditing (ISA), which guarantee a high degree of transparency. In 2022, an unqualified or clean audit opinion was issued with no major control deficiencies noted by the independent external auditor BDO Samoa.

Based on these sources, I consider that the internal controls listed above and further elaborated upon in the SPREP Internal Control Framework are adequate for SPREP to carry out its core functions, manage its risk and operate effectively. Improvements needed and identified in this framework are being addressed, as SPREP continues to serve its members under the SPREP Strategic Plan 2017–2026.

SPREP is currently going through a period of growth and change with increasing staff and growing number of office locations. This will require us to continuously revise, strengthen and improve our management systems and processes to ensure we safeguard our finances, assets, and reputation. It is a challenge that we are prepared and ready to handle.



Sefanaia Nawadra
Director General

Apia, Samoa

24 May 2023

Audit Committee Statement on Internal Control for the Financial Year 2022

Introduction

The Audit Committee submits this **Statement of Internal Control for the Financial Year 2022** in compliance with SPREP's Governance Policy and resolutions of SPREP meetings.

The Audit Committee operates according to SPREP's Governance Policy that is elaborated upon in the Audit Committee Charter. Together both documents give adequate and clear guidance as mandate for the work of the Audit Committee. The Audit Committee met in March, April, and December 2022.

Composition of the 2022 Audit Committee

For the financial year 2021 the Audit Committee consisted of the following members:

Chairman	Mr. Tupuola Oloialii Koki Tuala, Partner, Koki Tuala Chartered Accountant (KTCA) (Re-appointed for second term in November 2019)
Member	Mr. Barry Patterson, Deputy High Commissioner, Australian High Commission (Term concluded in December 2022)
Member	Ms. Katherine Berryman, Assistant Director, Pacific Climate Finance and Partnerships Section New Zealand and Climate Branch, Department of Foreign Affairs and Trade. (Appointed in March 2023)
Member	Mr. Taimalie Kele Lui, Manager Human Resources, Tokelau Office, Apia (Re-appointed for second term in March 2023)
Member	Ms. Rosalini Moli, Assistant Chief Executive Officer, Ministry of Finance, Samoa (Re-appointed for second term in March 2023)
Member	Ms. Ella Risati, Second Secretary, New Zealand High Commission (Term concluded in February 2023)
Member	Mr. Reece Fitzgibbon, Second Secretary, New Zealand High Commission (Appointed in March 2023)

Effectiveness of Internal Control

The Audit Committee has reviewed the 2022 audited financial statement signed by Sefanaia Nawadra, the Director General of SPREP on 29 March 2023. The information is consistent with the documents and reports reviewed and the presentations made to the Audit Committee.

The Audit Committee wishes to underline the importance of the following matters:

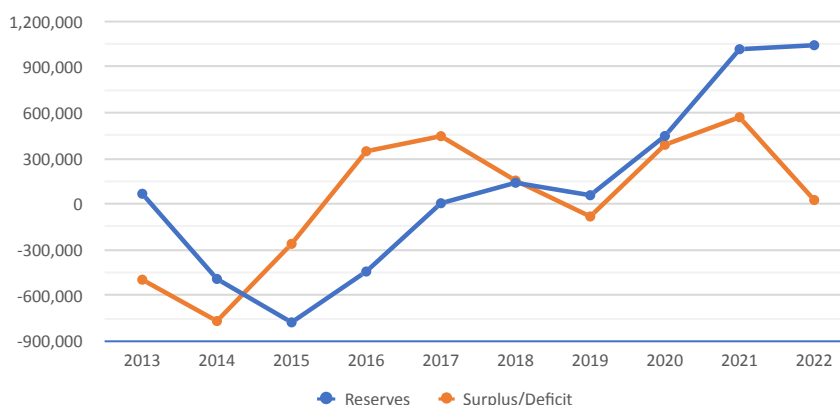
1. The Committee encourages the continuation of regular consultations with the senior leadership team during the year and annual consultations with the external auditor, all of which have proved useful and valuable in improving dialogue, forming effective decisions, and expediting practical solutions to challenges faced by the Secretariat.
2. The Committee acknowledges the concerted efforts made by the Secretariat in managing its financial position and performance and the support received from the partners and donors, particularly DFAT and MFAT, towards the Secretariat's operations or core fund.
3. The Committee thanks SPREP members for their annual membership contributions, voluntary contributions; and continued support towards the Secretariat. However, the Committee encourages SPREP members for the timely settlement of membership contributions and further support with voluntary contributions to secure and sustain a positive reserve and financial position of SPREP.
4. The Committee noted outstanding membership contributions on a cash basis for the period ended 31 December 2022 amounted to US\$459,672. The Committee also noted subsequent clearance of 2022 membership dues of US\$61,088 in first quarter 2023.
5. The Committee urges the Secretariat to continue having dialogue and making payment arrangements with those members who are having difficulties paying their outstanding member contributions.
6. The increase of membership contributions up to 20% was approved in principle at the 28SM in 2017, but was subject to confirmation from capitals and governments; however, the Committee noted this has not been achieved successfully. The Committee request all members to consider an additional voluntary contribution on an annual basis to the core funding to ensure the continued financial sustainability and strengthening of the Secretariat's operations and efficient response to member's needs. The Committee respectfully request the members to fully implement its resolution of the 28SM regarding the 20% increase in membership contributions.
7. It is also the humble view of the Committee, that it is better for the members to gradually increase its annual voluntary contributions to improve the reserve position rather than a request for a substantial contribution in the future when SPREP may have difficulties in meeting its financial obligations. This approach also takes into account the current global financial uncertainties and difficulties in securing funding from non-members and other stakeholders in the future, hence the long term survival of SPREP falls back to its members.

8. The Project Management fees, which is a major internal revenue stream for Secretariat improved by 37% or US\$484,560 from US\$1,313,071 in 2021 to US\$1,797,631 in 2022. This was mainly attributed to the lifting off the COVID travel restrictions which increased the project delivery rate. The Committee understands the project management fee is depended on the project implementation/delivery rate, hence, urges the Secretariat to continuously review and streamline its system and process to support and enhance the project implementation as well as ultimately achieving timely and successful project completion.
9. The Committee is of the view that the reserve position of US\$1,043,972 as of 31 December 2022, though improved significantly in the last 10 years, is still at a critical level when benchmarked against the increasing Secretariat annual cost of operation (2022: US\$5.8 million; 2021: \$4.9million).

The financial position (reserve) and financial performance (net surplus and deficit) for last 10 years (2013–2022)

Year	Financial Position Rserve US (\$)	Financial Performance Net Surplus/(Deficit) US (\$)
2022	1,043,972	26,261
2021	1,017,711	570,573
2020	447,139	389,376
2019	57,763	(81977)
2018	139,740	154,273
2017	5,123	445,982
2016	(443,762)	346,898
2015	(778,112)	(261,729)
2014	(492,631)	(769,488)
2013	67,448	(497,436)

Secretariat's Financial Position (Reserves) and Performance (Surplus/Deficit) from 2013–2022



10. The Committee supports and believes that having a strong reserve position is crucial for efficient implementation of present operations, maintaining assets and infrastructure, managing employee welfare, responding to unanticipated events; and assisting with future Secretariat regional development and growth.
11. The Committee urged the Secretariat; to maintain vigilance and continue improving its revenue stream, maintain existing and explore new partnership support arrangement, improve project delivery and efficiency, manage its expenditure and risk exposure arising from impending global inflation which would impact the Secretariat cost of operations.
12. The Committee did not receive any fraud complaints through its dedicated channel during the current reporting period. Two dedicated fraud awareness sessions were conducted to encourage staffs to take the necessary action to mitigate the risk of fraud occurring or, when it does occur, the reporting options and mechanisms in place to address it and the safeguards in place to protect the whistle-blower.
13. The Committee has discussed the 2022 audited financial statements and the relevant accounting policies with the Director General, Director Finance and Administration and the External Auditors, BDO Samoa. It also reviewed the report of the external auditor on the financial statements, the related management letter; and provided its recommendations for future improvement of SPREP's operations.
14. On this basis the Audit Committee concludes that the 2022 audited financial statements and the unqualified audit opinion by the external auditor be accepted by the SPREP members.

Tupuola Oloialii Koki Tuala
Chairman of the Audit Committee
Apia, Samoa

Date: 30 June 2023

Executive Management Report for the Financial Year 2022

The Executive Management present the annual report together with the financial statements of the Secretariat for the year ended 31 December 2022 and independent auditors' report as set out on the following pages thereon in accordance with the Secretariat's Financial Regulations.

Executive Management

The Executive Management in office as at the date of this report are:

Sefanaia Nawadra	<i>Director General</i>
Easter Chu Shing	<i>Deputy Director General</i>
Tagaloa Cooper	<i>Director, Climate Change Resilience</i>
Stuart Chape	<i>Director, Island and Ocean Ecosystems</i>
Anthony Talouli	<i>Director, Waste Management and Pollution Control</i>
Jope Davetanivalu	<i>Director, Environmental Monitoring and Governance</i>
Clark Peteru	<i>Legal Counsel</i>
Simeamativa Vaai	<i>Director, Human Resources</i>
Petra Chan Tung	<i>Director, Finance and Administration</i>

Principal Activity

The principal activity of SPREP is to promote co-operation in the Pacific region and to provide assistance in order to protect and improve its environment and to ensure sustainable development for present and future generations.

Operating Results

We are pleased to present the following operating results of the Secretariat for the financial year as at 31 December 2022:

- During the year the Secretariat expended US\$5.8 million dollars compared to expenditure of US\$4.9 million in 2021.
- The net surplus for the period was US\$26,261 compared to the net surplus of US\$570,573 in 2021.
- Foreign exchange exposure continues to be controlled and minimized and there was a foreign exchange loss of \$29,386 in 2022 compared to a gain of \$66,406 recognised in 2021.
- Management recognizes that there is still a need to maintain sustainability of funding with a view to strengthening the financial structure for SPREP and thus rebuilding reserve funds over time to ensure a strong financial position for the Secretariat in the long run.
- The challenge remains for the Secretariat to ensure a collective effort by Members and Executive Management to rebuild the total reserves. Hence, the Secretariat must focus on areas of generating sufficient funds from both Member Countries and Donors to resolve this issue as well as control costs, and thus strengthen the overall financial position and sustainability of SPREP in the long term.

Executive Management Report for the Financial Year 2022 *cont.*

Responsibility for Financial Reporting and State of Affairs

The accompanying financial statements are the responsibility of management. The financial statements have been prepared according to International Financial Reporting Standards and include amounts based on management's best estimates and judgments.

Management has established and had been maintaining accounting and internal control systems which include clearly stated policies and procedures. These systems are designed to provide reasonable assurance that our financial records are reliable and form a proper basis for the timely and accurate preparation of financial statements, and that our assets are properly safeguarded.

SPREP Members oversee management's responsibilities for financial reporting. The financial statements have been reviewed and approved by the SPREP Members on recommendation from management.

Our independent auditors BDO Chartered Accountants, Samoa having been appointed by the SPREP Members, have audited our financial statements. The accompanying independent auditors' report outlines the scope of their examination and their opinion.

In our opinion

- a. The accompanying statement of comprehensive income is drawn up so as to give a true and fair view of the results of the Secretariat for the year ended 31 December 2022;
- b. The accompanying statement of financial position is drawn up so as to give a true and fair view of the state of the Secretariat's affairs as at 31 December 2022;
- c. The accompanying statement of movement in reserves is drawn up so as to give a true and fair view of the movement of funds and reserves of the Secretariat for the year ended 31 December 2022; and
- d. The accompanying statement of cash flows is drawn up so as to give We are not aware of any circumstance which would render any particulars included in the financial statements to be misleading or inaccurate.

We are not aware of any circumstance which would render any particulars included in the financial statements to be misleading or inaccurate.

We authorize the attached financial statements for issue on behalf of the Executive Management of the Secretariat.



Sefanaia Nawadra
Director General



Easter Chu Shing
Deputy Director General

29 March 2023

INDEPENDENT AUDITOR'S REPORT

To the Members of the Secretariat of the Pacific Regional Environment Programme Report on the Audit of the Financial Statements



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Chartered Accountants
Vaitele St Lalovaea
PO Box 859
Apia, Samoa

Opinion

We have audited the financial statements of the Secretariat of the Pacific Regional Environment Programme (the Secretariat), which comprise:

- the statement of financial position as at 31 December 2022;
- the core fund statement of comprehensive income, statement of changes in funds and reserves, and statement of cash flows for the year ended 31 December 2022; and
- notes to the financial statements, including a summary of significant accounting policies as set out in note 2 of the financial statement.

In our opinion the accompanying financial statements present fairly, in all material respects, the financial position of the Secretariat as at December 31, 2022, and (of) its financial performance and its cash flows for the year ended 31 December 2022 in accordance with International Financial Reporting Standards (IFRSs).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report.

We are independent of the Secretariat in accordance with the International Ethics Standards Board for Accountants' *Code of Ethics for Professional Accountants* (IESBA Code) together with the ethical requirements that are relevant to our audit of the financial statements in Samoa, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the IESBA Code.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The directors are responsible for the other information. The other information comprises the information included in the director's report but does not include the financial statements and our auditor's report thereon. Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IFRSs, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

INDEPENDENT AUDITOR'S REPORT



In preparing the financial statements, management is responsible for assessing the Secretariat's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Secretariat or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Secretariat's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Secretariat's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Secretariat's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Secretariat to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit

BDO
CHARTERED ACCOUNTANTS

Ernest Betham
Engagement Partner

Apia, Samoa
29th March 2023

FINANCIAL STATEMENTS 2022



Secretariat of the Pacific Regional Environment Programme (SPREP)
Core Fund Statement of Comprehensive Income
For the year ended 31 December 2022

	Notes	2022 \$	2021 \$
Income			
Member contributions	5	1,190,195	1,183,955
Programme management charges	18 (b)	1,797,631	1,313,071
Other donor fund income	6	2,294,333	2,388,092
Amortisation of deferred income - property and equipment	8	239,474	239,474
Other income	7	228,777	197,823
Total income		5,750,410	5,322,415
Expenses			
Advertisements		8,058	13,486
Consultancies		867,140	31,025
Depreciation	11/13	309,554	309,278
Electricity & Water		59,682	57,076
Freight and Postal Expenses		250	978
Impairment Expense		56,574	132,780
Insurance		269,131	204,419
Licences & Registration		-	11,313
Printing, Stationery and Office Supplies		88,226	78,950
Professional Services		169,329	382,426
Program Support Costs		104,091	141,819
Repairs & Maintenance		30,841	27,918
Remuneration Costs		3,150,217	2,957,526
Superannuation expense		312,630	280,971
SPREP Meeting		12,417	50,032
Telephone and Internet		58,341	81,276
Travel		66,731	-
Workshops & Trainings		28,626	10,874
Other Expenses		181,269	98,794
Total expenses		5,773,107	4,870,942
Surplus/(Deficit) before net finance costs and foreign exchange		(22,696)	451,473
Net finance income	10	78,344	52,693
Foreign exchange gain		(29,386)	66,406
Net Surplus /(Deficit)		26,261	570,573

This statement and the accompanying notes to and forming an integral part of the financial statements can be found on the SPREP website: www.sprep.org.

FINANCIAL STATEMENTS 2022



Secretariat of the Pacific Regional Environment Programme (SPREP)
Statement of Financial Position
As at 31 December 2022

	Notes	2022 \$	2021 \$
ASSETS			
Non-current assets			
Property and equipment	13	9,888,472	10,124,198
Right of Use Asset	11	-	22,769
Total non-current assets		9,888,472	10,146,967
Current assets			
Cash and cash equivalents	14	46,373,144	32,191,284
Receivables and prepayments	15	275,711	195,619
Total current assets		46,648,855	32,386,904
TOTAL ASSETS		56,537,327	42,533,870
RESERVES AND LIABILITIES			
Reserves			
Core funds		1,043,972	1,017,711
Total reserves		1,043,972	1,017,711
Non-Current Liabilities			
Employee benefits	16	360,395	273,054
Deferred income - property and equipment	8	9,441,060	9,680,534
Total non-current liabilities		9,801,455	9,953,588
Current Liabilities			
Programme/donor funds	18 (b)	35,755,187	26,238,836
Payables and accruals	17	927,649	953,951
Employee entitlements	16	822,486	960,847
Deferred income - property and equipment	8	239,474	239,474
Income received in advance	9	7,947,104	3,144,683
Lease liability	11	-	24,779
Total current liabilities		45,691,900	31,562,571
TOTAL RESERVES AND LIABILITIES		56,537,327	42,533,870

Signed on behalf of the SPREP Members

Sefanaia Nawadra

Easter Chu Shina

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FINANCIAL STATEMENTS 2022



Secretariat of the Pacific Regional Environment Programme (SPREP)
Statement of Changes in Funds and Reserves
For the year ended 31 December 2022

	Core Fund	Total
	\$	\$
Balance at 1st January 2021	<u>447,139</u>	<u>447,139</u>
Net Surplus for the year	570,573	570,573
Balance at 31st December 2021	<u>1,017,711</u>	<u>1,017,711</u>
Balance at 1st January 2022	1,017,711	1,017,711
Net Surplus for the year	26,261	26,261
Balance at 31 December 2022	<u>1,043,972</u>	<u>1,043,972</u>

FINANCIAL STATEMENTS 2022



Secretariat of the Pacific Regional Environment Programme (SPREP)
Statement of Cash Flows
For the year ended 31 December 2022

		2022	2021
		\$	\$
Cash flows from operating activities	Notes		
Member contributions		1,220,190	1,061,994
Interest received		17,743	40,294
Core donor funds received	6	2,294,333	2,388,092
Other receipts		202,883	227,486
Personnel costs - Corporate Services		(3,482,755)	(3,412,682)
Corporate Services costs		2,915,133	290
Programme Income/(Expenditure)		11,177,416	8,068,484
Net cash flows from operating activities		<u>14,344,945</u>	<u>8,373,957</u>
Cash flows from investing activities			
Purchase of property and equipment		(36,559)	(27,047)
Proceeds from drawdown of term deposit		3,124,683	4,471,874
New term deposit		(7,947,104)	(3,124,683)
Net cashflows for investing activities		<u>(4,858,980)</u>	<u>1,320,144</u>
Cash flows from financing activities			
Lease payments	11	(40,565)	(39,270)
Net cashflows for financing activities		<u>(40,566)</u>	<u>(41,576)</u>
Net change in cash held		9,445,399	9,652,526
Cash at beginning of the year		29,276,961	19,558,030
Effects of foreign exchange		(29,386)	66,406
Cash balance at the end of the year	14	<u>38,692,974</u>	<u>29,276,961</u>

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TITLE	LINK / ISBN / ISSN
TECHNICAL REPORTS	
Committing to Sustainable Waste Actions in the Pacific (SWAP) – International Coastal Clean-up day 2021 activity report January 2022	https://bit.ly/3GFgqsZ
S'engager pour une gestion durable des déchets dans le Pacifique (SWAP) - Rapport d'activité pour la Journée mondiale de nettoyage du littoral 2021	https://bit.ly/3UDRfNa
Recycling Market Summary Booklet	https://bit.ly/3KsmBBA 978-982-04-1034-3 (print) 978-982-04-1035-0 (ecopy)
Recycling Market Research report	https://bit.ly/3KTbQUJ 978-982-04-1032-9 (print) 978-982-04-1033-6 (ecopy)
End of Life Tyre Management : Non-Process Reuse Options	https://bit.ly/3zZsJfC 978-982-04-1042-8 (print) 978-982-04-1043-5 (ecopy)
Waste Audit Report Republic of the Marshall Islands	https://bit.ly/3mnSBit 978-982-04-1036-7 (print) 978-982-04-1039-8 (ecopy)
Pacific Island Countries Regional Disaster Waste Management Guideline	https://bit.ly/3GEfXhB 978-982-04-1030-5 (print) 978-982-04-1031-1 (ecopy)
Assessment of End-of-Life Tyres in the Pacific	https://bit.ly/41jTMi9 978-982-04-1046-6 (print) 978-982-04-1047-3 (ecopy)
Tuvalu State of Environment Report 2022	https://bit.ly/3zSWdvF 978-982-04-1037-4 (print) 978-982-04-1039-1 (ecopy)
End of Life Tyre Management : Thermal Processing Options	https://bit.ly/3MK5Ncd 978-982-04-1051-0 (print) 978-982-04-1052-7 (ecopy)
Personal protective Equipment: Guidance for Waste Management workers in Pacific Island Countries	https://bit.ly/3UzvKwE 978-982-04-1040-4 (print) 978-982-04-1041-1 (ecopy)
Greening of the Games: Sustainability Report	https://bit.ly/43rjen7 978-982-04-0822-7 (print) 978-982-04-0821-0 (ecopy)
Contract to Conduct a Feasibility Study and Develop National Used Oil Management plans – Inception report Tonga	https://bit.ly/3GJb9jV
Contract to Conduct a Feasibility Study and Develop National Used Oil Management plans – Inception report Vanuatu	https://bit.ly/3KVvh4Q
Contract to Conduct a Feasibility Study and Develop National Used Oil Management plans – Inception report Solomon Islands	https://bit.ly/3Mz1YGC
Contract to Conduct a Feasibility Study and Develop National Used Oil Management plans – Inception report Samoa	https://bit.ly/43nxEEV
Step 1: Implementing an ARFD : Guidance on the 21 Step Pathway – Decisions and Actions Needed	https://bit.ly/3KB9uhF 978-982-04-1072-5
Step 2: Determining Scheme Partners: Roles and Responsibilities	https://bit.ly/3UH72uE 978-982-04-1073-2
Step 3: Build it Yourself Designing and ARFD Scheme: Key Question Decision	https://bit.ly/417ephg 978-982-04-1074-9
Step 4: Example table of Contents: For ARFD Policy and Drafting Instructions	https://bit.ly/3GJg09A 978-982-04-1075-6
Step 5: Build Yourself: Guidance to Drafting ARFD Policy	https://bit.ly/3KvvKcC 978-982-04-1076-3
Research report: Assessment of Alternatives to Single-Use Disposable Diapers. Volume 1: Executive Summary	https://bit.ly/41p7eAS 978-982-04-1085-5 (print) 978-982-04-1086-2 (ecopy)
Research report: Assessment of Alternatives to Single-Use Disposable Diapers. Volume 2: Literature review	https://bit.ly/40gQfPW 978-982-04-1087-9 (print) 978-982-04-1088-6 (ecopy)

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TECHNICAL REPORTS	
Assessment of Alternative to Single-Use Disposable Diapers. Volume 3: Field Work and Results	https://bit.ly/3UDTboW 978-982-04-1089-3 (print) 978-982-04-1090-9 (ecopy)
Assessment of Alternative to Single-Use Disposable Diapers. Volume 4: Guidance for Decision Makers	https://bit.ly/41pyYoJ 978-982-04-1091-6 (print) 978-982-04-1092-3 (ecopy)
Assessment of Alternative to Single-Use Disposable Diapers. Volume 5: Guidance for Communities and Private Sector	https://bit.ly/3mvWORO 978-982-04-1093-0 (print) 978-982-04-1094-7 (ecopy)
Container Deposit Schemes in the Pacific Islands – A Guide for Policy Makers	https://bit.ly/3UxvzSJ
Waste Audit Report Timor-Leste	https://bit.ly/418FkJF 978-982-04-1097-8 (print) 978-982-04-1098-5 (ecopy)
Minimata Initial Assessment Report for Vanuatu	https://bit.ly/41jXzeY 978-982-04-1055-8 (print) 978-982-04-1056-5 (ecopy)
Used Oil Management : Summary Booklet	https://bit.ly/3oaGB4n
Used Oil Management : Technology Options Report	https://bit.ly/41sZ2Q8
Waste Licensing and Environmental Monitoring Policy – Pacific Island Countries and Territories: Template Policy	https://bit.ly/3KWuvoo 978-982-04-1107-4 (print) 978-982-04-1108-1 (ecopy)
Waste Licensing and Environmental Monitoring Policy – Pacific Island Countries and Territories: Policy Guidance Report	https://bit.ly/40ns3Md 978-982-04-1109-8 (print) 978-982-04-1110-4 (ecopy)
Waste licensing and Environmental Monitoring: a Step-by-Step Guide to Implementation	https://bit.ly/43xz0gf 978-982-04-1112-8 (print) 978-982-04-1113-5 (ecopy)
Waste Audit Report Niue	https://bit.ly/41w6fip 978-982-04-1114-2 (print) 978-982-04-1115-9 (ecopy)
PacWastePlus Steering Committee Meeting Report, 12 May 2022	https://bit.ly/3KFeTEe
Sustainable Financing for Waste Management: Overview of the Cook Islands Advanced Recovery and Disposal Fee	https://bit.ly/3KEF3XA 978-982-04-1116-6
Regional Marine Species Action Plans Implementation Review 2021	https://bit.ly/415XVGB
Pacific Regional Marine Species Programme – Workshop Series Report 28 July – 3 August 2021	https://bit.ly/41JUF3I
Pacific Access and Benefit-Sharing (ABS): Implementation Guidelines	https://bit.ly/3GMisHB 978-982-04-1117-3 (print) 978-982-04-1118-0 (ecopy)
Lessons from the Pacific : Implementation of the Nagoya Protocol on Access to Genetic Resources and the fair equitable Sharing of Benefits Arising from their Utilisation	https://bit.ly/3mG2qlm 978-982-04-1119-7 (print) 978-982-04-1120-3 (ecopy)
Create Sustainable Financing for Invasive Species Management	https://bit.ly/3oj8Qhl 978-982-04-1081-7 (print) 978-982-04-1082-4 (ecopy)
Pacific Islands Regional Marine Species Programme (PIRMSP) 2022-2026	https://bit.ly/41r50ps 978-982-04-1083-1 (print) 978-982-04-1084-8 (ecopy)
Gestion des hulies usagée – Brochure de synthèse : Une soumission au PROE	https://bit.ly/3A4B2XB
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TECHNICAL REPORTS	
Pacific National Adaptation Plan (NAP) Guidelines: Guidelines for the Adaptation Planning Process and Contents of NAPs in the Pacific	https://bit.ly/3A5Qxi9 978-982-04-1099-2 (print) 978-982-04-1100-5 (ecopy)
Stratégie CP 2025 pour un Pacifique plus propre en 2025, Stratégie régionale pour la gestion de la pollution et des déchets en Océanie, plan de mise en oeuvre 2021-2025	https://bit.ly/41hkg3t 978-982-04-1123-4 (print) 978-982-04-1124-1 (ecopy)
Cleaner Pacific 2025: Pacific Regional Waste and Pollution Management Strategy 2016-2025: Implementation Plan 2021-2025	https://bit.ly/3mynS2g 978-982-04-1077-0 (print) 978-982-04-1078-7 (ecopy)
Cleaner Pacific 2025: Pacific Regional Waste and Pollution Management Strategy 2016-2025, Mid-term Review Report	https://bit.ly/3oeRIsN 978-982-04-1079-4 (print) 978-982-04-1080-0 (ecopy)
Recommended Procedures: Disposal and Landfilling of Asbestos Containing Wastes	https://bit.ly/3A4NHtB 978-982-04-1133-3 (print) 978-982-04-1134-0 (ecopy)
Sustainable Financing for Waste Management : Webinar Report	https://bit.ly/3onHgil 978-982-04-1139-5 (print) 978-982-04-1140-1 (ecopy)
Vanuatu Analysis Report : Contract to Conduct Feasibility Study and Develop a National Used Oil Management Plan for Samoa, Solomon Islands, Tonga and Vanuatu	https://bit.ly/3MRvoQn
Analysis Report Solomon Islands: Contract to Conduct Feasibility Study to Develop a National Used Oil Management Plan for Samoa, Solomon Islands, Tonga and Vanuatu	https://bit.ly/3GRsOWV
Considering Gender Equality, Disability, and Social Inclusion in the Design of Sustainable Financing Scheme for Waste Management: A Guide for Pacific Decision-makers	https://bit.ly/3UKW0cD 978-982-04-1141-8 (print) 978-982-04-1142-5 (ecopy)
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SRWMA/J-PRISM II Waste Oil Collection and Storage Pilot Project Implementation Report Phase I	https://bit.ly/41nerSs

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TECHNICAL REPORTS	
Committing to Sustainable Waste Actions in the Pacific (SWAP) – Marine Litter Workshop Activity Report April 2022	https://bit.ly/3myv3HK
Snapshot 2021: Coastal Protection Measures – Tonga: Assessing Impact at Intervention Level	https://bit.ly/3MNvf0n 978-982-04-1153-1 (print) 978-982-04-1154-8 (ecopy)
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Snapshot 2021: Water Security Measures – Federated States of Micronesia: Assessing Impact at Intervention	https://bit.ly/3KKuAdx 978-982-04-1151-7 (print) 978-982-04-1152-4 (ecopy)
Snapshot 2021: Raúi Marine Conservation & Water Security Measures – Cook Islands: Assessing Impact at Intervention	https://bit.ly/41jtgp4 978-982-04-1147-0 (print) 978-982-04-1148-7 (ecopy)
SPREP Annual report: 2021	https://bit.ly/3KCat0Y 1562-675X
Rapport Annuel du PROE: 2021	https://bit.ly/40hw0qc 1562-675X
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Report of the Third (3rd) SPREP Executive Board Meeting, 8-9 September 2022	https://bit.ly/40ht7kB 978-982-04-1193-7 (ecopy)
Rapport de la Troisième (3e) du PROE Réunion du Conseil Exécutif, 8-9 Septembre 2022	https://bit.ly/3ogfpxk 978-982-04-1193-7
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TITLE	LINK
YOUTUBE VIDEOS	
Karen Baird Seabird Action Plan Oceania	https://bit.ly/3Ab85tg
Creature feature Introduced Rats	https://bit.ly/3A9KER3
How to Perform Pre & Post – Operations Inspections – Compactor Truck	https://bit.ly/3V2kN7r
ACPMEA 3 and Noumea Convention – Session 11	https://bit.ly/3omWzs4
Environmental Management Plan – Session 10	https://bit.ly/3oroyXs
Pacific Learning Partnership for Environmental & Social Sustainability (PLP-ESS) – Session 9	https://bit.ly/43Mii3a
SPTO toolkits and codes of practice – Session 8	https://bit.ly/3LbIk3p
Introduction to renewables – Session 7	https://bit.ly/3op8d50
Waste management principles – Session 6	https://bit.ly/3mLrVIs
SPTO case studies bad practice examples across the region – Session 5	https://bit.ly/3UMwChD
Introduction to SPREP SPTO Regional EIA Coastal Tourism Development Guidelines – Session 4	https://bit.ly/3na0dW8
PUMA Overview of Samoa's Development Consent process – Session 3	https://bit.ly/3AupAFd

TITLE	LINK
YOUTUBE VIDEOS	
Overview of PUMA Act – Session 2	https://bit.ly/3o0ckIE
Introduction to SPREP roles in environmental protection and sustainable development – Session 1	https://bit.ly/3V6At9z
The science we need for healthy and resilient coral reefs in the Pacific	https://bit.ly/3na1ixa
PLP ESS Module 17: Introduction to the Pacific Regional Infrastructure Facility's (PRIF's)	https://bit.ly/3V6rcyl
PLP ESS Module 18: Cumulative Environmental Impact Assessment (CIA)	https://bit.ly/420oZ9T
IPCC Sixth Assessment Report an overview of Impacts, Adaptation and Vulnerability for the Pacific	https://bit.ly/4233Uf8
PLP ESS Module 19: Certified Environmental Practitioner Schemes	https://bit.ly/40MBLaN
Niue OCOF 175th Celebration Tribute	https://bit.ly/3LcbcGi
PLP ESS Module 2-: Managing development risks & impacts on biodiversity and protected areas in the Pacific	https://bit.ly/42ju3Xd
GIS Course: Module 1 – Introduction to GIS	https://bit.ly/3Nf80MQ

TITLE	LINK	TITLE	LINK
YOUTUBE VIDEOS		YOUTUBE VIDEOS	
PLP ESS Module 21: Waste management and pollution control throughout the project lifecycle in the Pacific	https://bit.ly/3AuxAWA	Restoring Island Resilience – Invasive species	https://bit.ly/3L8udJL
Creating maps & Map layout – Module 4	https://bit.ly/3V9cGFw	Journée mondiale de nettoyage du littoral 2022: Action menée par le Foyer Socio-éducatif du collège Vaimoana	https://bit.ly/3oNtd6B
Symbology & Geo Visualisation – Module 3	https://bit.ly/40GkjVA	Sefanaia Nawadra BBC World News – Interview	https://bit.ly/41HSHR9
PLP ESS Module 22: Management Information Systems to Support EIA & Safeguard Management in the Pacific	https://bit.ly/443nJoi	Climate Survival Tips from the Cook Islands Prime Minister	https://bit.ly/3VclquQ
QGIS Software basics & Datasets – Module 2	https://bit.ly/3Vhfelt	How to Survive a Food Crisis, With Timoci	https://bit.ly/3o0B5V3
Pacific Climate Change Centre Webinar on the Intergovernmental Panel on Climate Change 6th Assessment	https://bit.ly/40HQmnS	How to Survive Sea Level Rise, with Annymary	https://bit.ly/40BNNUA
PLP ESS Module 23: Grievance Redress Mechanism – A Pacific case study	https://bit.ly/445gNqE	How to Survive a Cyclone, with Aunty Va	https://bit.ly/41YoixK
PLP ESS Module 24: Management Information Systems to Support EIA & Safeguard Management Pacific	https://bit.ly/3Au6kYn	International Coastal Clean-up Daya 2022: Action Conducted by the Pacific Ocean Litter Youth Project (POLYP) & Suva Harbour Foundation	https://bit.ly/3VciZEY
Coral reefs in the South Pacific: Outlook from the Global Reef Expedition (11 August 2022)	https://bit.ly/446IKyj	SWAP Teaser Capsule 1 – Everybody has a role to play in Sustainable waste	https://bit.ly/3LayBD2
Intergovernmental Negotiating Committee Preparatory Workshop – Day 1	https://bit.ly/3HhnLim	Vidéo promotionnelle du projet SWAP	https://bit.ly/3VbVUGr
Sustainable Financing for Waste management	https://bit.ly/3oGrsl5	Vidéo promotionnelle du projet SWAP – Chacun a son rôle à jouer dans la gestion durable des déchets	https://bit.ly/3Ay42HE
Understanding Advance Recovery Fee and Deposit (ARFD) Scheme	https://bit.ly/3L8hCpX	Sustainable Waste Actions in the Pacific (SWAP) Teaser Video	https://bit.ly/3LyRki6
New ocean climate monitoring buoy network helps protect Vanuatu's marine resources	https://bit.ly/3NeSErA	Vidéo promotionnelle du projet SWAP – Implication des communautés locales pour des actions durables	https://bit.ly/3nfo0Um
Pacific Coral Reef Action Plan	https://bit.ly/3LdgCkA	SWAP Teaser Capsule 2 – Communities involvement for sustainable actions	https://bit.ly/3Nh22uR
Launch of the Pacific Islands Regional Marine Species Programme (RMSAP) 2022-2026	https://bit.ly/40HXwUQ	Cook Islands Trial experience – impacts Analysis (IA) Methodology reflection	https://bit.ly/448M0ZW
Asbestos Containing Materials Management & Elimination in the Pacific Island Countries & Timor-Leste	https://bit.ly/3oBYiK8	Palau trial experience – impacts Analysis (IA) Methodology reflection	https://bit.ly/3L8yNYt
PLP ESS Module 25: Occupational health and Safety for Contractor Companies	https://bit.ly/3Vp3ZYt	International Coastal Clean-up Day 2022: Action conducted by the Ministry of Natural Resources and Environment, Samoa	https://bit.ly/3Hd9FPm
Invasive weeds and culture, PROTÉGÉ in Tin Taputapuata	https://bit.ly/41JSY6m	Journée mondiale de nettoyage du littoral 2022: Action menée par L'association a Vaka Heke	https://bit.ly/3n5yWE3
International Coastal Clean-up Day 2022: Action Conducted by Graciosa Bay Ward Development Committee	https://bit.ly/40WUyAF	International Coastal Clean-up day 2021: Solomon islands	https://bit.ly/411fMTQ
Grow a Wish Short Film 10 Vanuatu: TC Harold Recovery works	https://bit.ly/41YV8yD	ACPMEA 3 Celebration of International Women Day 2021	https://bit.ly/4209Chx
International Coastal Clean-up Day 2022: Action conducted by Temotu Provincial Government	https://bit.ly/3nagfzi	Disaster Waste Management for a Resilient Pacific	https://bit.ly/440fcCB
In truth garden: Poetry written by Teresia Kieuea Teaiwa Performed by Katerina Teaiwa	https://bit.ly/3oN2SWd	Sustainable Financing for Waste Management Study tour in Australia from 29 August – 9 September 2022	https://bit.ly/3AzrV1m
Beached: Poetry written and performed by Kathy Jetnil-Kijiner	https://bit.ly/3Hgyn1h	Director General of SPREP Sefanaia Nawadra	https://bit.ly/3Lb9Cob
Samoa Asks: Poetry written & performed by Aigagalefili Fepulea'i-Tupa'i	https://bit.ly/3NgF5YD	International Coastal Clean-up Day 2022: Actions by the Community Centred Conservation in Fiji	https://bit.ly/42114JP
Solo o le Vasa Poem of the sea/ Poetry written and performed by Frances C. Koya Vaka'uta	https://bit.ly/3n5llaq	Visualisation of Climate Change Impacts to Pacific Fisheries: Long Video with subtitles	https://bit.ly/3V8h9ZE
To Island: Poetry written by Teresia Kieuea Teaiwa, Performed by Katerina Teaiwa	https://bit.ly/424zbhJ	Visualisation of Climate Change Impacts to Pacific Fisheries: Long Video without subtitles	https://bit.ly/441i3LD
A period on the world map fighting giants	https://bit.ly/3oIk0wa	Visualisation of Climate Change Impacts to Pacific Fisheries: Short video with subtitles	https://bit.ly/40CKRH7
The Way Ahead / Poetry written by Konai Helu Thaman Performed by Mia Kami	https://bit.ly/3AyTfNw	Visualisation of Climate Change Impacts to Pacific Fisheries: Short video without subtitles	https://bit.ly/3nfiUYh
Remember us: Poetry written & performed by Okalani Mariner	https://bit.ly/40GWGMD	POLP International Coastal Clean-up Day 2022: Waste Management & Pollution Control Division Honiara City Council	https://bit.ly/4261n3L
100 Love Poems: Poetry, artwork and performance by John Puhiatapu Pule	https://bit.ly/3Hfrey9	POLP International Coastal Clean-up Day 2022: Ministry of Natural Resources and Environment Samoa	https://bit.ly/41yLL8Z
Marine Ecosystem-based Adaptation to Climate Change in Samoa	https://bit.ly/3LHWgBz	International Coastal Clean-up Day, Savai'i, Samoa 2022: Action conducted by the Samoa Recycling Waste Management Association	https://bit.ly/40HmJ1
International Coastal Clean-up Day 2022: Action conducted by Samoa Conservation Society	https://bit.ly/445tyl2	Journée mondiale de nettoyage du littoral 2022: Action menée par l'association Faiva Tautai des pêcheurs de Wallis.	https://bit.ly/3HhMqUc
International Coastal Clean-up Day 2022: Action conducted by Friends of the City in Solomon Islands	https://bit.ly/3Lxyaco	Pacific Ecosystem-based Adaptation Planning (EbA) tool side event at COP27	https://bit.ly/3NhfleJ

TITLE	LINK / ISSN / ISBN	TITLE	LINK / ISSN / ISBN
SERIES		FLYERS, BROCHURES, FACTSHEETS	
Regional Early Action Rainfall Watch: Monthly seasonal rainfall watch Jan–Oct 2022	https://bit.ly/3o73R31 2617-3565	Chinese mitten crab <i>Eriocheir sinensis</i>	https://bit.ly/3MEF80k
JPRISM Newsletter: Buzz No.12, 13, 14	https://bit.ly/3GF35AD	Black striped mussel <i>Mytilopsis sallei</i>	https://bit.ly/3zURdqs
PACRES Newsletter: Vol 4, 5, 6	https://bit.ly/3Kx3CG3	Atlantic blue crab <i>Callinectes sapidus rathbun</i>	https://bit.ly/41kCX68
ACP MEAs Monthly Information Digest Vol2: Issues 1, 2, 3, 4, 5, 6, 7	https://bit.ly/3zV9zry	Asian shore crab <i>Hemigrapsus sanguineus</i>	https://bit.ly/3zQwvbr
COSPac Monthly Climate Bulletin, January – December 2022	https://bit.ly/3ZYS4RL 2617-3557	Atlantic oyster <i>Crassostrea virginica</i>	https://bit.ly/411pcJK
SPREP-Tok Issues 82, 83, 84, 85, 86, 87	https://bit.ly/41iPyqg 2311-861X	Asian paddle crab <i>Charybdis (Charybdis) japonica</i>	https://bit.ly/3GFbNPu
PRISMSS Newsletter April 2022	https://bit.ly/3ms9xEr	Marine Biosecurity Toolkit: Sampling Guidance	https://bit.ly/3oe9d1w0
SPREP-Tok: Special Issue, UN Oceans Conference 2022	https://bit.ly/3ULPyNO 2311-861X	Marine Biosecurity Toolkit: Guidance on the International Convention for the Control and Management of Ship's Ballast Water and Sediments	https://bit.ly/3Uyq7PI
FLYERS, BROCHURES, FACTSHEETS		Marine Biosecurity Toolkit: Marine Non-Indigenous Species Management Strategies and Risk Analysis Framework	https://bit.ly/3GFpspw
Community factsheet : End of Life Tyres (ELT)	https://bit.ly/41293DL 978-982-04-1048-0	Marine Biosecurity Toolkit: Biofouling Assessment Guidance	https://bit.ly/40VG125
SPREP Pacific Conversation series – Ocean Acidification Why We Should All Care	https://bit.ly/3L5pqKB	Marine Non-Indigenous Species in the Pacific Islands: a desktop review	https://bit.ly/3AdkuwZ
Asbestos Management Brief: Cook Islands	https://bit.ly/43xrxhs 978-982-04-1057-2	Top 25 Marine Non-Indigenous Species in the Pacific Region	https://bit.ly/3zWCzIG
Asbestos Management Brief: Fiji	https://bit.ly/3GAh5eT 978-982-04-1058-9	Project Snapshot – Cook Islands	https://bit.ly/3oeFDDT 978-982-04-1001-5
Asbestos Management Brief: Federated States of Micronesia	https://bit.ly/43odXgh 978-982-04-1059-6	SPREP Pacific Conversation series: What is Ocean Acidification?	https://bit.ly/3oe2kZa
Asbestos Management Brief: Kiribati	https://bit.ly/3o3E1Nn 978-982-04-1060-2	SPREP Pacific Conversation series: Our Pacific is Special	https://bit.ly/3mxXoOi
Asbestos Management Brief: Nauru	https://bit.ly/4098ruW 978-982-04-1061-9	Pacific Conversation Card Series : Coral Prey or Plastic?	https://bit.ly/3GlpX26
Asbestos Management Brief: Niue	https://bit.ly/3mccBkZ 978-98204-1062-6	Pacific Conversation Card Series : Growing Our Understanding of Ocean Acidification	https://bit.ly/3MHBK4T
Asbestos Management Brief: Palau	https://bit.ly/3UEHbTZ 978-982-04-1063-3	Pacific Conversation Card Series: Listening to Ocean Acidification	https://bit.ly/3Uxekkw
Asbestos Management Brief: Papua New Guinea	https://bit.ly/4049499 978-982-04-1064-0	Pacific Conversation Card Series: Ocean Water Reflects Our Choices	https://bit.ly/3oe3RHS
Asbestos Management Brief: Republic of the Marshall Islands	https://bit.ly/41mbrVV 978-982-04-1065-7	Pacific Conversation Card Series: Lungs of Shores: Restoring Coastal Wetlands	https://bit.ly/41pe5u6
Asbestos Management Brief: Samoa	https://bit.ly/3zVreiK 978-982-04-1066-4	Pacific Conversation Card Series: If You Know, You Owe	https://bit.ly/415r5VH
Asbestos Management Brief: Solomon Islands	https://bit.ly/3KXdAM6 978-982-04-1067-1	Pacific Conversation Card Series: What Will Ocean Acidification Cost Us?	https://bit.ly/43yKss8
Asbestos Management Brief: Timor-Leste	https://bit.ly/3GB8Lvy 978-982-04-1068-8	Pacific Conversation Card Series: What's Wet and Green and Linked to Climate Change?	https://bit.ly/3GGbcgt
Asbestos Management Brief: Tonga	https://bit.ly/3zTJYPB 978-982-04-1069-5	Pacific Conversation Card Series: Why Our Reefs Are No Doomed?	https://bit.ly/418msdM
Asbestos Management Brief: Tuvalu	https://bit.ly/3Uzyp9C 978-982-04-1070-1	A Pacific Guideline for Adaptation Planning Process and Content of national Adaptation Plan (NAPs)	https://bit.ly/41mlOUG
Asbestos Management Brief: Vanuatu	https://bit.ly/3KUsJ6Z 978-982-04-1071-8	2022 Vision Pasifika Media Awards – Climate Change Resilience	https://bit.ly/41pYyh
Veined rapa whelk <i>Rapana venosa</i>	https://bit.ly/3GCVCC4	JPRISM II Solid Waste Management Country Profile – Palau	https://bit.ly/43DVwUR
Swimming crab <i>Charybdis (Charybdis) hellerii</i>	https://bit.ly/3KXg57w	JPRISM II Solid Waste Management Country Profile – FSM	https://bit.ly/3L7Xcig
Sun cup coral <i>Tubastraea tagusensis</i>	https://bit.ly/3Uuvijr	JPRISM II Solid Waste Management Country Profile – RMI	https://bit.ly/41h6nSX
Spaghetti bryozoan <i>Amathia verticillata</i>	https://bit.ly/3KT7TFe	JPRISM II Solid Waste Management Country Profile – Solomon Is	https://bit.ly/3GQhIXj
Snowflake coral <i>Carijoa riisei</i>	https://bit.ly/3KBdrD3	JPRISM II Solid Waste Management Country Profile – PNG	https://bit.ly/41hpNaf
Scaly tunicate <i>Microcosmus squamiger</i>	https://bit.ly/3ZZ1n44	JPRISM II Solid Waste Management Country Profile – Vanuatu	https://bit.ly/43zocyl
Red seaweed <i>Kappaphycus alvarezii</i>	https://bit.ly/3zu4rUt	JPRISM II Solid Waste Management Country Profile – Tonga	https://bit.ly/3mDLen3
Red seaweed <i>Eucheuma denticulatum</i>	https://bit.ly/3GEyLpV	JPRISM II Solid Waste Management Country Profile – Samoa	https://bit.ly/41CSNzM
Red seaweed <i>Acanthophora spicifera</i>	https://bit.ly/3MFlvNF	JPRISM II Solid Waste Management Country Profile – Fiji	https://bit.ly/41jI72E
Rayed pearl oyster <i>Pinctada imbricata</i>	https://bit.ly/43vEgRG	Pacific Conversation Noumea Convention Part 2 Know More, Do More, Together	https://bit.ly/3GSyrUJ
Pacific oyster <i>Magallana gigas</i>	https://bit.ly/3zVfoVS	Pacific Conversation Noumea Convention Part 3 Know more, Do More, Together	https://bit.ly/3A76AMA
Orange keyhole sponge <i>Mycale grandis</i>	https://bit.ly/3KxN80q	Pacific Conversation Noumea Convention Part 4 Know More, Do More, Together	https://bit.ly/43FfSE
Knobbly agar seaweed <i>Gracilaria salicornia</i>	https://bit.ly/3Uuwj7	Organics Factsheet: Aerated Static Pile Composting	https://bit.ly/3GVICZF 978-982-04-1206-4
Stripped acorn barnacle <i>Amphibalanus amphitrite</i>	https://bit.ly/415y7d5	Organics Factsheet: Animal Feed	https://bit.ly/43LpaaA 978-982-04-1208-8
Japanese wireweed <i>Sargassum muticum</i>	https://bit.ly/3KyeldR	Organics Factsheet: Bay Composting	https://bit.ly/3Af1D4g 978-982-04-1192-0
Japanese carpet shell <i>Ruditapes philippinarum</i>	https://bit.ly/3mxRD35	Organics Factsheet: Centralised Anaerobic Digestion (DRY)	https://bit.ly/3mSqtE2 978-982-04-1190-6
Ivory barnacle <i>Amphibalanus eburneus</i>	https://bit.ly/3MEbwzW	Organics Factsheet: Mulch and Woodchips	https://bit.ly/43Lqme4 978-982-04-1186-9
Estuarine mud crab <i>Rhithropanopeus harrisi</i>	https://bit.ly/3KXMIC1	Organics Factsheet: Small-scale Composting	https://bit.ly/3Latd9J 978-982-04-1182-1
		Organics Factsheet: Small-scale Anaerobic Digestion (WET)	https://bit.ly/3KQshWj 978-982-04-1184-5
		Organics factsheet: Windrow Composting	https://bit.ly/3mKK9Kc 978-982-04-1180-7

STAFF MEMBER	DESIGNATION	COUNTRY	CONTRACT EXPIRY
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Stuart Chape	Director Island and Ocean Ecosystems	Australia	30 Sep 24
Tagaloa Cooper-Halo	Director Climate Change Resilience	Niue	30 Jun 24
Joep Davetanivalu	Director Environmental Monitoring and Governance	Fiji	21 Apr 25
Anthony Talouli	Director Waste Management and Pollution Control	Fiji	14 Apr 25
Clark Peteru	Legal Counsel	Samoa	30 Sep 24
Petra Chan Tung	Director Finance and Administration	Samoa	31 Dec 24
Simeamativa Vaai	Director Human Resources	Samoa	31 Dec 24
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Audrey Brown-Pereira	Executive Officer	Cook Islands	31 Oct 23
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Apiseta Eti	Executive Assistant to the Deputy Director General	Samoa	31 Dec 24
<i>Legal</i>			
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Niraj Kumar	Internal Auditor	Fiji	30 Jul 25
TECHNICAL PROGRAMMES			
CLIMATE CHANGE			
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Timothy Breese	Climate Change Adviser	New Zealand	5 Sep 25
Ofa Kaisamy	Manager, Pacific Climate Change Centre (PCCC)	Tonga	04 Oct 23
Yvette Kerslake	Technical Adviser – Science to Services, PCCC	Tonga	11 Apr 24
Rachel Nunn-Crichton	Technical Adviser – Information, Knowledge Management and Brokerage, PCCC	Fiji	12 Sep 24
Naoafioga Feu'u-Foti	Finance and Administration Officer, PCCC	Samoa	30 Apr 24
Salesa Nihmei	Meteorology and Climatology Adviser	Vanuatu	30 Apr 25
Sunny Seuseu	Acting Project Manager / Climate Information Services Officer, Vanuatu CISRD)Project	Samoa	10 Mar 24
Connie Sewere	Technical and Finance Assistant, Vanuatu CISRD Project	Vanuatu	10 Dec 23
Siosinamele Lui	Climate and Oceans Support Programme in the Pacific (COSPPac) Climate Traditional Knowledge Officer	Samoa	30 Jun 23
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Raymond Schuster	New Zealand Pacific Partnership on Ocean Acidification, Project Technical Assistant	Samoa	31 Dec 23
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Emma Arasi-Sua	PACRES Information and Knowledge Management Officer	Samoa	30 Jun 23
Sione Fulivai	Framework for Resilient Development in the Pacific Coordinator	Tonga	30 Jun 23
Fred Patison	Climate Change Finance Readiness Adviser	Solomon Is	20 Sep 23
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Flavia Vaai	Multilateral Environment Agreements Support Officer – ACPMEAs3 Project	Samoa	14 Feb 25
ISLAND AND OCEAN ECOSYSTEMS			
Makerita Atiga	Island and Ocean Ecosystems Programme Assistant	Samoa	02 Aug 23
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Rohit Prasad	BIEM, Finance and Administration Officer	Fiji	31 Mar 23
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Isabel Rasch	GEF 6 Regional Invasive Species Coordinator	Samoa	30 Apr 24

STAFF MEMBER	DESIGNATION	COUNTRY	CONTRACT EXPIRY
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Dominic Sadler	Invasive Species Component Manager	Switzerland	30 Mar 24
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Jordan Schuster	Communications Officer, PRISMSS	Samoa	30 Jun 24
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WASTE MANAGEMENT AND POLLUTION CONTROL			
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Bradley Nolan	Programme Manager, PacWaste Plus	Australia	01 Sep 24
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Ngaira Ah Ching	Senior Project Officer, POLP	Samoa	04 Sep 25
Edward Nicholas	Project Manager, Implementing Sustainable Low and Non-Chemical Development in ISLANDS Pacific Child Project	PNG	29 Sep 27
Renee Kamu	ISLANDS Pacific Child Project, Finance and Administration Officer	Samoa	24 Aug 27
GOVERNANCE AND OPERATIONS			
REGIONAL OFFICE			
Kilom Ishiguro	Acting Manager / Technical and Liaison Officer – North Pacific Office	RMI	31 Dec 25
INFORMATION SERVICES			
Information Technology			
Christian Slaven	Information Technology Manager	Samoa	30 Nov 24
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Ane Ah Poe	Knowledge Management Officer	Samoa	31 Dec 23
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Salome Tukuafu	Project Development and Implementation Officer	Tonga	26 Jun 25
Gardenia Su'a Faolotoi	Project Officer Consultant	Samoa	30 Jun 24
STRATEGIC PLANNING			
Rebecca Polestico	Monitoring and Evaluation Adviser	Phillipines	01 Mar 24
FINANCE AND ADMINISTRATION DEPARTMENT			
Veronica Levi	Financial Accountant	Samoa	10 Apr 25
Maraea Slade-Pogi	Procurement Officer	Samoa	05 Jan 23
Siniva Tuuau-Enosa	Project Accountant	Samoa	26 Jun 25
Alvin Sen	Project Accountant	Fiji	16 Jun 25
Emmiflora Ah Tong	Finance Officer	Samoa	27 Jan 23
John Fetisone	Finance Officer	Samoa	19 Sep 24
Monaicis Asiata	Finance Officer	Samoa	19 Sep 24
Pata Mase	Finance Officer – Projects	Samoa	15 Sep 25
Mercy Tausili	Finance Officer – Projects	Samoa	19 Sep 24
Valelia Iusitino	Finance Officer	Samoa	5 Jun 25
Lawrence Warner	Property Services Officer	Samoa	4 Dec 24
Faamanatu Sititi	Driver / Clerk	Samoa	05 Dec 23
Cynthia Ah Loo	Cleaner / Teaperson	Samoa	31 Dec 23
Ivoga Sefa	Cleaner / Teaperson	Samoa	05 Jan 23
Pouvigina Tuaia	Cleaner / Teaperson	Samoa	15 Aug 25
Tagiilima Enele	Groundsman	Samoa	12 May 23
Isaia Talaitau	Groundsman	Samoa	11 Sep 25
HUMAN RESOURCES DEPARTMENT			
Luana Jamieson	Senior Human Resources Officer	Samoa	05 Jan 23
Marion Tuipulotu-Chan Chui	Human Resources Officer	Tonga	08 May 23
Roger Warren	Human Resources Officer	Samoa	07 Jun 23
Olivia Hogarth	Human Resources Officer	Samoa	30 Nov 25
Ada-Fanua Ott	Human Resources Officer	Samoa	04 Dec 25
Monica Tupai	Human Resources Assistant	Samoa	21 May 25

ACRONYMS AND ABBREVIATIONS

ABS	Access and Benefit Sharing	GCCA+ SUPA	Global Climate Change Alliance+ Scaling-up Pacific Adaptation	PALRC	Protected Area Learning Research Collaborative
ACP MEAs Phase III	European Union-funded Capacity Building Related to Multilateral Environmental Agreements in African, Caribbean and Pacific Countries – Phase III	GEDSI	Gender Equality, Disability and Social Inclusion	PCB	<i>Polychlorinated biphenyl</i>
ADB	Asian Development Bank	GEF	Global Environment Facility	PCCC	Pacific Climate Change Centre
AFD	Agence Française de Développement	GEF6 RIP	Global Environment Facility 6 Regional Invasives Project	PEBACC	Pacific Ecosystem-based Adaptation to Climate Change
AOSIS	Alliance of Small Islands States	GEIM	Gender Equality and Inclusion Mainstreaming	PEP	Pacific Environment Portal
APCC	APEC Climate Center	GFC NDA	Green Climate Fund National Designated Authority	PER	Priority Enterprise Risk
APEC	Asia-Pacific Economic Cooperation	GIS	Geographical Information Systems	PEUMP	Pacific-European Union Marine Partnership
APCP	Australia-Pacific Climate Partnership	GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit	PGRSC	Pacific GIS and Remote Sensing Council
APOD	A Pattern of Whales and Dolphins	GPS	Global Positioning System	PIELA	Pacific Islands Environment Leadership Awards
BBNJ	Biodiversity Beyond National Jurisdiction	HOD	Heads of Delegation	PICOF	Pacific Islands Climate Outlook Forum
BIEM	By-catch and Integrated Management Initiative	IAMSLIC	International Association Aquatic and Marine Science Libraries and Information Centers	PIFS	Pacific Islands Forum Secretariat
BIOPAMA	Biodiversity and Protected Areas Management	ICCD	International Coastal Cleanup Day	PIP	Performance Implementation Plan
BMU	German Federal Ministry for the Environment Nature Conservation and Nuclear Safety	IFRC	International Federation of Red Cross and Red Crescent Societies	PIPAP	Pacific Islands Protected Areas Portal
BoM	Australia Bureau of Meteorology	IKI	International Climate Initiative	PIRT	Pacific Islands Roundtable for Nature Conservation
CBD	Convention on Biological Diversity	ILBI	Internationally Legally Binding Instrument	PLP-ESS	Pacific Learning Partnership for Environmental Sustainability
CCR	Climate Change Resilience	INC	Intergovernmental Negotiating Committee to develop an international legally binding instrument on plastic pollution including in the marine environment.	PNG	Papua New Guinea
CBCRP-PCCC	Project for Capacity Building on Climate Resilience in the Pacific through the Pacific Climate Change Centre	Intra ACP GCCA+	Intra-African, Caribbean and Pacific Group of States Global Climate Change Alliance Plus	POPs	Persistent Organic Pollutants
CESC	Communications and Engagement Sub-Committee	IOE	Island and Ocean Ecosystems	POPCC	Pacific Ocean Pacific Climate Change
CFLI	Canadian Funding for Local Initiatives	ISLANDS	Implementing Sustainable Low and Non-Chemical Development in Small Islands Developing States	POLP	Pacific Ocean Litter Project
CBD-COP	Convention on Biological Diversity Conference of the Parties	IUCN	International Union for the Conservation of Nature	PPOA	Pacific Partnership on Ocean Acidification
CITES	Convention on Illegal Trade in Endangered Species	JICA	Japan International Cooperation Agency	PSIDS	Pacific Small Islands Developing States
ClimSA	Intra-ACP Climate Services and Related Applications	JPRISM	Japanese Technical Cooperation Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Island Country	PRISMSS	Pacific Regional Invasive Species Management Support Services Programme
CLiDesc	Climate Data for the Environment Services Client	MC	Micronesia Challenge	RF	Results Framework
COP 26	Twenty Sixth Conference of the Parties	MEAs	Multilateral Environment Agreements	RMI	Republic of the Marshall Islands
COP 27	Twenty Sevenths Conference of the Parties	MEIDECC	Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communications	SCOPIG	Seasonal Climate Outlooks in Pacific Island Countries
COVID-19	Coronavirus disease 2019	MHEWS	Multi-Hazard Early Warning Systems	SDG	Sustainable Development Goals
CPRT	Clean Pacific Roundtable	MNRE	Samoa Ministry of Natural Resources and Environment	SEA	Strategic Environmental Assessment
CREWS	Pacific SIDS Climate Risk Early Warning System Pacific Small Island Developing States	MPA	Marine Protected Area	SIDS	Small Island Developing States
CROP	Council of Regional Organisations of the Pacific	MTP	Moana Taka Partnership	SILO	Salon international du Livre océanien
CSIRO	Commonwealth Scientific Industrial Research Organisation	NDC	Nationally Determined Contributions	SIMS	Solomon Islands Meteorological Services
DDT	Dichlorodiphenyltrichloroethane	NDMO	National Disaster Management Office, Samoa	SRCS	Samoa Red Cross Society
DFAT	Australian Department of Foreign Affairs and Trade	NEMS	National Environment Management Strategies	SOE	State of Environment
DEPC	Vanuatu Department of Environmental Protection and Conservation	NES	National Environment Service, Cook Islands	SOEC	State of Environment and Conservation in the Pacific Islands
DoWR	Department of Water Resources Vanuatu	NIP	National Implementation Plan	SoTM	State of the Map
EbA	Ecosystem-based adaptation	NIWA	New Zealand National Institution of Water and Atmospheric Research	SPC	Pacific Community
EIA	Environmental Impact Assessment	NMHS	National Meteorological and Hydrological Services	SPTO	Pacific Tourism Organisation
EMG	Environmental Monitoring and Governance	NRH	National Referral Hospital, Solomon Islands	SPREP	Secretariat of the Pacific Regional Environment Programme
ENSO	El Nino Southern Oscillation	NOAA	United States National Oceanic and Atmospheric Administration	SWAP	Sustainable Waste Actions in the Pacific
EREPa	Ensuring Resilient Ecosystems and Representative Protected Areas Project in the Solomon Islands	NZAIA	New Zealand Association of Impact Assessment	TCC	Tonga Communication Corporation
EU	European Union	OACPS	Organisation of African, Caribbean and Pacific States	TREDS	Turtle Research and Monitoring Database System
EU ACPMEA2	European Unions Capacity Building related to Multilateral Environment Agreements in African, Caribbean and Pacific Countries Phase II Project	One CROP+	The grouping of agencies of the Council of Regional Organisations of the Pacific, plus others	UN	United Nations
EU ACPMEA3	European Unions Capacity Building related to Multilateral Environment Agreements in African, Caribbean and Pacific Countries Phase III Project	OSGeo	Open Source Geospatial	UNEA-5.2	Resumed fifth session of the United Nations Environment Assembly
FESA	Fire Emergency Service Authority, Samoa	OSM	Open Street Map	UNEP	United Nations Environment Programme
FOSS4G	Free and Open-Source Software for Geospatial	PACRES	Pacific Adaptation to Climate Change and Resilience Building Project	UNESCO	United Nations Educational, Scientific and Cultural Organization
FSM	Federated States of Micronesia	PacWastePlus	Pacific Waste Management Programme	UNFCCC COP26	Twenty-sixth Conference of the Parties to the UN Framework Convention on Climate Change
FRDP	Framework for Resilience Development in the Pacific (2017–2030): An Integrated Approach to Address Climate Change and Disaster Risk Management			UNFCCC COP27	Twenty-seventh Conference of the Parties to the UN Framework Convention on Climate Change
GBF	Global Biodiversity Framework			UNICEF	United Nations Children's Emergency Fund
				USP	University of the South Pacific
				Van-KIRAP	Vanuatu Klaemet Infomesen blong Redy, Adapt mo Protekt
				VMGD	Vanuatu Meteorology and Geohazards Department
				WASH	Water, Sanitation and Hygiene
				WMO	World Meteorological Organization
				WMPC	Waste Management and Pollution Control
				WOW	Women of the Wave
				WWF	World Wide Fund for Nature



This map is indicative only of agreed and potential maritime jurisdictional limits within the Pacific region. It does not imply the expression of an opinion by SPREP on the legality of any boundary shown.

Our Region

The Pacific is the world's largest ocean, covering nearly a third of the Earth's surface. About 30,000 islands of varied shapes and sizes lie across its vast expanse. The Pacific island Members of SPREP are:

- American Samoa
- Commonwealth of the Northern Mariana Islands
- Cook Islands
- Federated States of Micronesia
- Fiji
- French Polynesia
- Guam
- Kiribati
- Republic of the Marshall Islands
- Nauru
- New Caledonia
- Niue
- Palau
- Papua New Guinea
- Samoa
- Solomon Islands
- Tokelau
- Tonga
- Tuvalu
- Vanuatu
- Wallis and Futuna

SPREP also has five metropolitan Members:

- Australia
- France
- New Zealand
- United Kingdom
- United States of America



Photo: Ocean Ventures Fiji



SPREP

Secretariat of the Pacific Regional
Environment Programme