

in Pacific Island Countries

CONTENT

Fiji Side Event 14TH JUNE 2018

Governance

Biodiversity

Protected & Effectively Managed Marin Area

Sustainable Financing

Background of Environment Management Act

- Environment Management Act endorsed in 2005
- Environment Management Regulations endorsed in 2007
- Enforcement of EMA in 2008
- Apply principles of sustainable use and development of natural resources
- Identify matters of national importance

Matters of National Importance

- Preservation of coastal environment, margins of wetlands, lakes and rivers
- Protection of areas of significant indigenous vegetation and significant habitat of indigenous fauna
- The relationship of indigenous Fijian with their ancestral lands, waters, sites sacred areas and other treasures
- Protection of human life and health

NATIONAL ENVIRONMENT COUNCIL (NEC)

- Established under the Environment Management Act 2005
- Function:
 - 1. Approve the National Report (SOE)
 - 2. Approve National Environment Strategy (NES)
 - 3. Monitor & Oversee Implementation of NES
 - 4. Facilitate forum for discussion of environmental issue
 - 5. Make resolutions on public & private sector efforts on environmental issues
 - 6. Ensure commitments made at regional & international forums on environment and development are implemented
 - 7. Advise Gov't on international and regional treaties, conventions and agreements relating to environment
- NEC may appoint any technical committee necessary to advise it on matters affecting environmental protection & resource management.

NEC Members

- Permanent Secretaries for:
 - 1. Environment & Local Government,
 - 2. Lands and Mineral Resources,
 - 3. Fisheries,
 - 4. Forestry,
 - 5. Agriculture,
 - 6. iTaukei Affairs,
 - 7. Health,
 - 8. Tourism
- Representatives of Academics, NGOs and technical advisory committees.

Governance



Protected Areas Committee and its Functions

- Provide advisory services on protected areas priorities and policies
- Support establishment of adequate and representative national protected area system, consistent with national and international policy commitments
- Facilitate consensus on national priority areas for conservation, including terrestrial, freshwater and marine protected areas
- Identify gaps in existing protected area system
- Consist of Terrestrial Working Group & Marine Working Group



ASSOCIATION

in Pacific Island Countries

REDD+ Site Assessment: Phase 2

Biodiversity Assessment and Culture & Heritage Survey

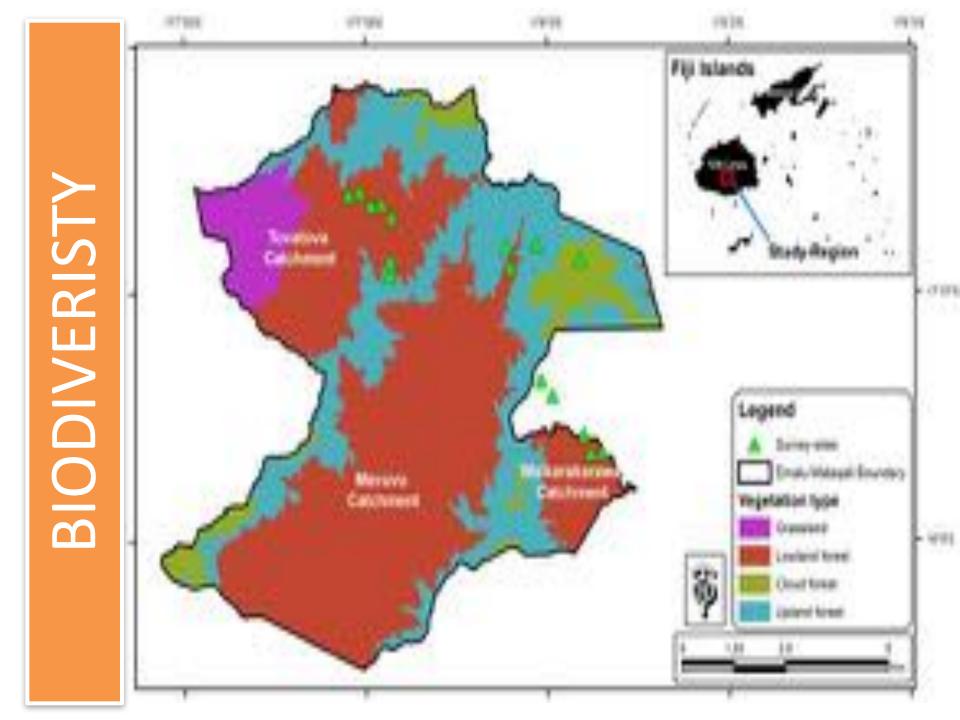




13



Hans Wendt (IAS) **SITE OVERVIEW**



Senilolia H. Tuiwawa (IAS)

Alivereti Naikatini, Hans Wendt, Romu Rajale, Tokasaya Cakacaka, Sarah Pene, Isaac Rounds, Sanivalati Vido and Panapasa.

VEGETATION



Objective

- To document the range of vegetation types and typical botanical communities within the areas of study
- To identify the presence (or potential presence) of species or ecosystems of national and/or international significance within the areas potentially affected by the project
- To assess the susceptibility of the biological (especially plants) communities to potential impacts associated with the proposed project



Method

- Opportunistic collection of bryophytes (lumilumi), seedless (ferns and gymnosperms) and seed plants – flowering and/or fruiting materials
- Special emphasis of the unknown groups i.e. bryophytes and focal species (IUCN Red List)
- The distributions of these "special plants" were also marked and recommendations to their protection was also highlighted
- Plants with undetermined taxa were cross-referenced to a herbarium specimen

Results: Flora focal groups



Results: Flora focal groups





BIODIVERISTY











Results: vegetation



ODIVERISTY

 \mathbf{m}

- Upland forest
 - Smaller girthed trees relatively smothered with "lumilumi" at 650-850m
 - Common tree: balabala (*Dicksonia brackenridgei* and *Cyathea* species), yasiyasi (*Syzygium* species) and gadoa (*Macaranga graeffeana*)
 - Largest trees: dakua salusalu (dbh=152cm), kauvula (dbh=58cm) and bau (dbh=50cm)

Results: vegetation



Cloud Forest

- Stunted forest smothered with "lumilumi" at 850m and over.
- Common tree: balabala
 (Dicksonia brackenridgei and Cyathea species), yasiyasi
 (Syzygium species) and gadoa
 (Macaranga graeffeana)
- Largest tree: yasiyasi (dbh=181cm) damanu (dbh=60cm) and yaka (dbh=30cm)

Isaac Rounds (Conservation International)

HERPETOFAUNA

Herpetofauna:

frogs, toads, skinks, geckoes & snakes

- **Toads**-dry, leathery skin, short legs, snoutlike parotoid (poison) glands, example: Cane toad
- **Frogs** Short, soft smooth bodied, example: Fiji Ground and Tree Frog
- **Skinks**-no pronounced neck and their legs are relatively small, usually found during the daylight sunbathing on rocks and tree trunks, example: Moko sari
- **Geckoes** Usually found at night, cannot blink (fixed lens within each iris that enlarges in darkness, unique among lizards in their vocalizations, example: Moko kabi





Cornufer vitiensis - Fiji tree frog

Skink species

Emoia parkeri (Fiji copper headed skink) and *E. concolor* (Fijian green forest skink)



Gecko species

*Nactus pelagicus-*Skink toed gecko, *Gehyra vorax-* Giant forest gecko



Toad species

Rhinella marinus - Cane toad



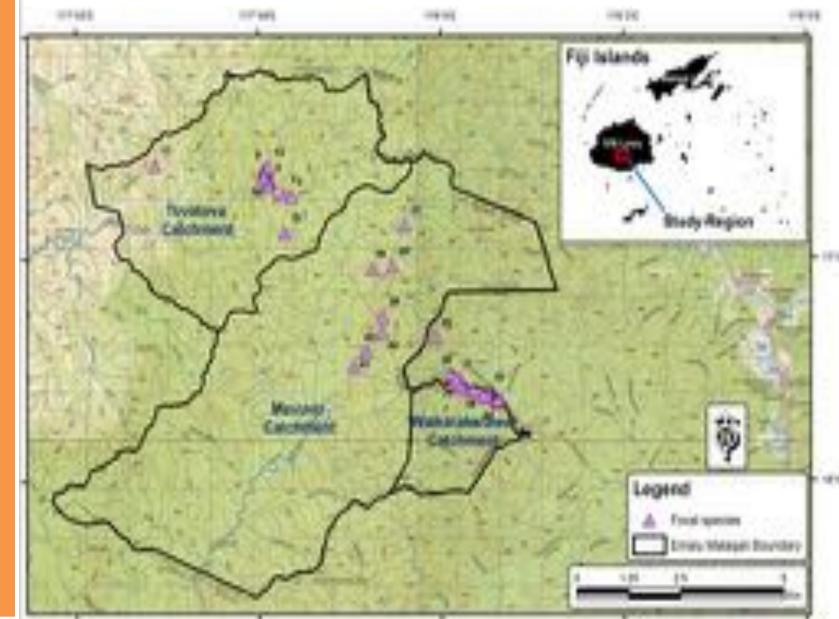
Hilda Sakiti-Waqa (IAS) Apaitia Liga (IAS) Tokasaya Cakacaka (IAS) Salanieta Bureni (Department of Forestry)

ENTOMOLOGY

Objectives

- To determine the diversity of insects within the Mavuvu (upland/cloud forest) and the Wainikarakarawa (lowland forest) catchments
- 2. Identify focal species i.e. of conservation value within the area

Focal species distribution map



BIODIVERISTY

Key results: focal species

BIODIVERISTY



Damselflies: Nesobasis spp.



yrus spinulosus (syn. Cotylosoma)

BIODIVERISTY



Moths from light traps



Agathia pisina

BIODIVERISTY



Cleora diversa



Pyrrhorachus pyrrhogona

Papilta vitiensis (E)

"Nanai" (*Raiateana knowlesi*)



Summary & recommendations

- A very good representation of insect focal species were found within the study sites i.e. the lowland, upland forest and riparian systems within the Mavuvu and Wainikarakarawa catchments of Emalu.
- **Permanent monitoring plots** within different habitat/vegetation types be established for future long-term monitoring of flora & fauna.

Bindiya Rashni (IAS)

FRESHWATER INVERTEBRATES

Objectives

- To present a detailed and comprehensive study of freshwater macroinvertebrates and vertebrates and the aquatic habitat within the Tovatova, Mavuvu and Waikarakarawa catchment.
- To determine the current status of the stream & catchment.
- To provide a list of potential bioindicators for determination of the state of stream & catchment for long term monitoring.

BIODIVERISTY

Methodology



- Macroinvertebrate sampling
- Field observation and recording



Results

- Total sample of 16,370 individuals
- 76 taxa recorded
- 57 taxa (75%) are endemic to Fiji.
- 15 unknown species-high chance of endemic
- 14 taxa may be of potential ecological interest.



Focal species

Endemic

Mayflies-Ephemeroptera



Endemic

Damselflies-Odonata



Focal species

Endemic

Moth larvae-Lepidoptera





Native? Endemic?

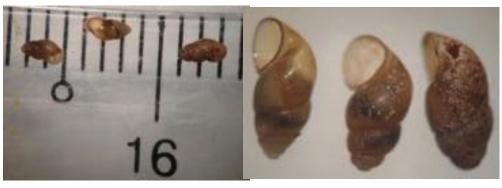
Nematode worm





Endemic

Rissoodian Snail-Fluviopupa sp.



BIODIVERISTY

Interesting findings

Amphipod-crustacean



Fluviopupa snails



Qalibovitu creek Upper-Mavuvu



Wainasoba creek Mid-Mavuvu

Conclusion

- Freshwater Invertebrate community composition of Emalu: endemic species as dominant taxa (75%) pristine Emalu region.
- A few very interesting species of mayfly, moth larvae, nematode worm, shrimps, amphipod and rissooidean snails were found to be potential catchment-endemic species. However, further taxonomic work needs to be <u>done</u> to confirm this.

BIODIVERISTY

Lekima Copeland (IAS)

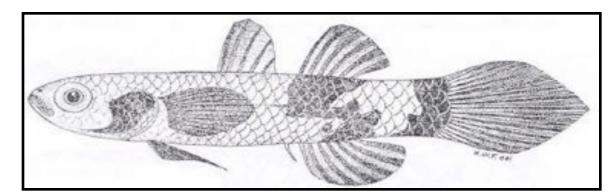
FRESHWATER FISHES

Introduction

• Extensive work over the last ten years on Fiji's freshwater fishes

- 166 species (47 families) recorded in Fiji
- Overall 13 species endemic to Fiji

- King (2004)
- Flagtails: Kuhlia marginata, K. rupestris
- Eels: *Anguilla sp.* and an eel spelt wrongly as *Archirophichthys kamperi* (most likely *Lamnostoma kampeni*)
- Gobys: Gobiidae family
- Tilapia: Oreochromis niloticus, O. mossambicus



Lairdina hopletupus, drawing of holotype in Fowler (1953), collected in lower Sigatoka River – presumed Fiji endemic.

Objective

• To provide checklists of the freshwater fishes of the Emalu region





Results and Discussion

- 6 species of fish from 3 families
- 3 species of Gobies (Sicyopus zosterophorum, Sicyopterus lagocephalus, Awaous guamensis).
- 2 species of eels (Anguilla marmorata and A. megastoma)
- 1 species of jungle perch (Kuhlia rupestris) – exceptionall high abundance



Conclusion

- Overall the species found in Emalu are characteristic of high elevations on oceanic islands, with the exception of a few missing species (*Stiphodon spp.*)
- No fish endemic to Fiji were found in Emalu



Alifereti Naikatini (IAS) Senivalati Vido (Forestry)

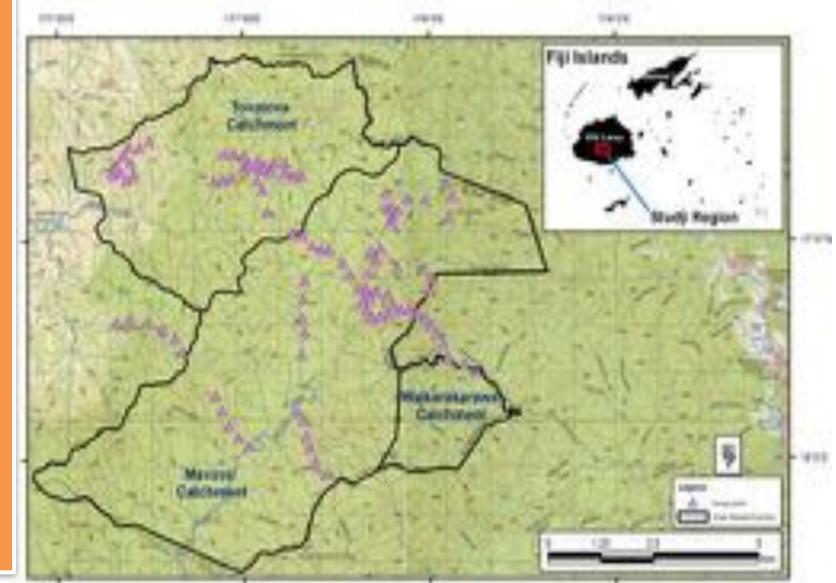
AVIFAUNA

Results

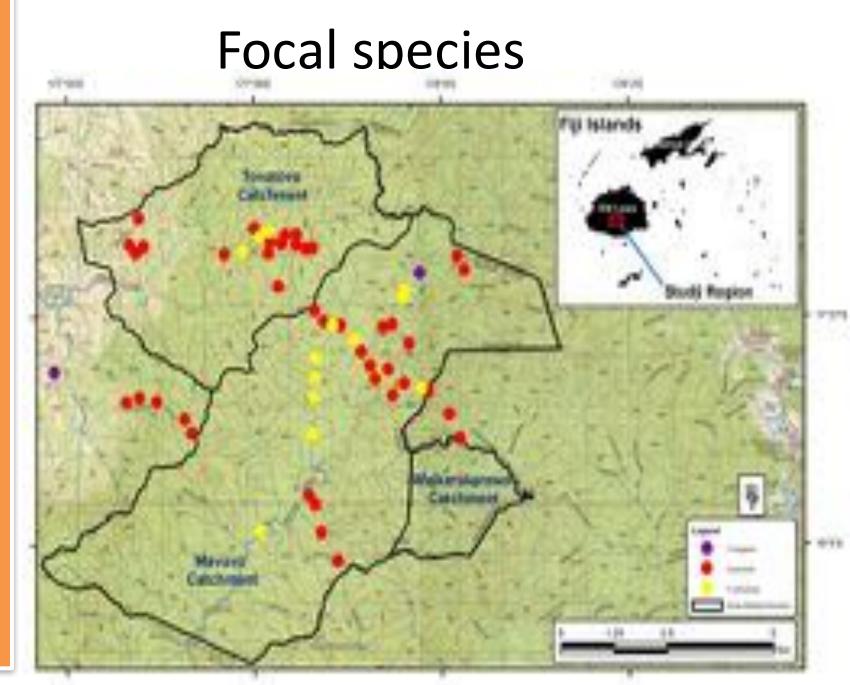
- First survey of the avifauna of the area
- A) BIRDS
 - 35 species recorded
 - 1 exotic (pest)
 - 34 natives
 - 11 endemic species (1 to Viti Levu: Pink billed parrotfinch)
 - 14 endemic subspecies (4 to Viti Levu)
 - 6 focal species (IUCN & CITES listing)
- B) BATS
 - 2 species recorded
 - Pteropus samoensis common (IUCN Threatened)
 - *P. toganus* uncommon, only 1 big roost, outside study area.

BIODIVERISTY





BIODIVERISTY



Comparison of the Emalu REDD+ site with four other IBAs in Viti Levu.

Emalu & IBAs	Area	Native species	Endemics
Emalu	57 km ²	34	25
Greater Tomaniivi	175km²	34	24
Rairaimatuku	287km ²	34	24
Sovi Basin	407km ²	34	24
Viti Levu Southern Highlands (Waiqanake)	670km ²	34	24

Recommendations & Conclusion

- The results are similar to the 3 surrounding IBAS (34 native species of which 24 are endemic).
- The **Emalu REDD+ is an IBA for Fiji**, probably the only one for the Nadroga/Navosa Province.
- For future monitoring of birds need to have 50-70 point count stations (Lowland,Upland,Cloud,Talasiga, plantations & secondary forests).
- For bat monitoring point counts, locate roosts & trappings.

Sarah Pene (IAS) Isaac Rounds (CI)

INVASIVE SPECIES

Invasive plants

- Proximity to human habitation
- Elevation
- Association with riverbanks, tracks and other disturbed areas



Invasive plants

- False kava (Piper aduncum)
- Mile-a-minute (Mikania micrantha)
- Koster's curse (Clidermia hirta)
- African tulip (Spathodea campanulata)



Invasive animals

- Cane toads
- Rats and mice
- Mongooses
- Feral cats and dogs
- Wild pigs



Nakauvadra BioRAP Team 2006



PROTECTED AREA



FIJI FREE-TAILED BAT SANCTUARY





Fiji mastiff bat Chaerophon bregullae EN

- Syn: Tadarida bregullae
- Family: Molossidae
- Only two species in the South Pacific region
 - Solomon mastiff bat
 - Fiji mastiff bat (Vanuatu and Fiji)
 - Small bat:
 - Males = 19g
 - Females = 20g
 - Head-body = 65mm
 - Tail = 40mm
- Cave dwelling
- Insectivorous



Palmeirim 2005

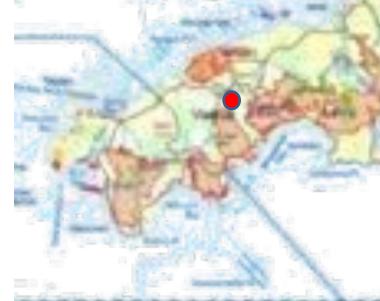




2009-2012

- Confirmed bat cave Nakanacagi
- Annette Scanlon
- Alivereti Naikatini
- 2012 Assessment of
 community perception,
 threats to the bat and their
 habitat (cave) Joanne
 Malotaux & Kelera Macedru
- Traditional harvesting in the thousands
- Logging road running over the cave





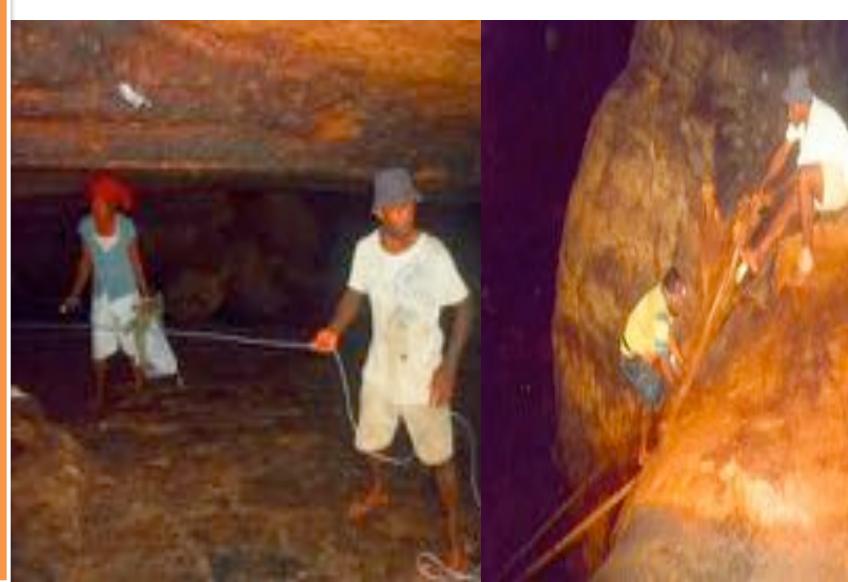
2012



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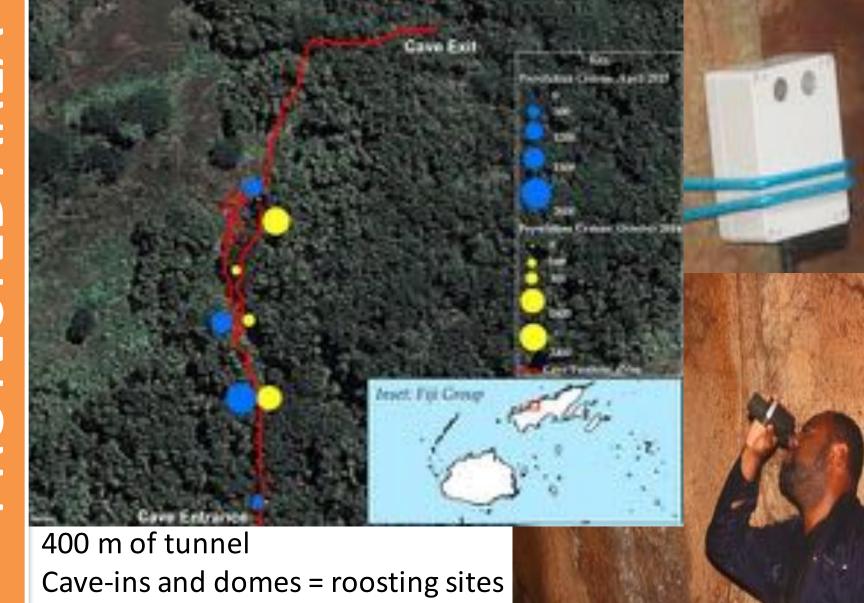


PROTECTED AREA

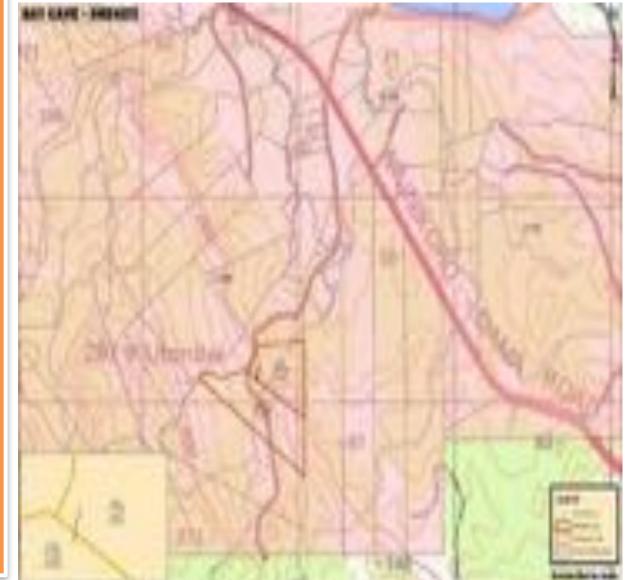


2014-2015: Cave mapping

2014-2015: Roost surveys



LAND VALUATION - 2016



Freehold land Matasawalevu Cooperative: CT 27017 – Lot 1, DP5805: FJD\$55,000

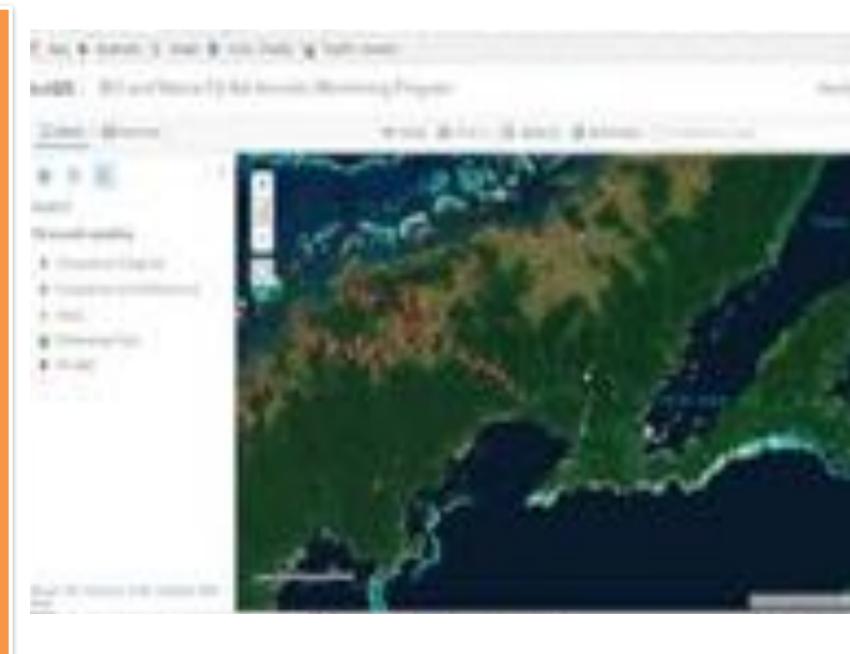
Mr. Amrit Sen: CT27001 – Lot 2, DP5805: FJD\$70,000

Radio Telemetry (January, 2017)

- Fijian free tailed bat:
- -Seems to prefer forested areas rather then plantations
- Local partners (Villagers, MoF, NTF, Macuata Provincial office, NFMV) trained to understand:
- i. what telemetry is,
- ii. its importance
- iii. Equipment/materials needed
- iv. Telemetry skill

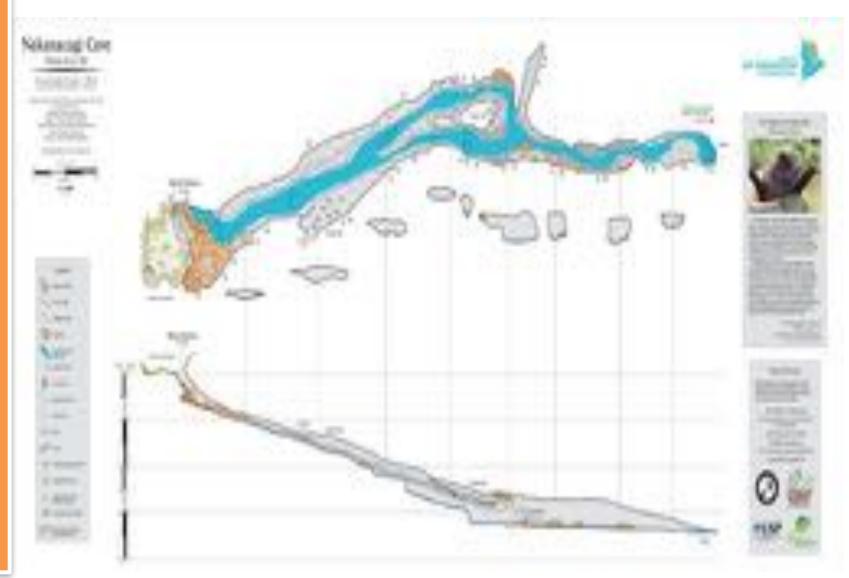
(Determining foraging areas of the bats)

PROTECTED AREA



AREA PROT

3D Mapping of cave



Timeline of events

- 2009-2012 Baseline investigations
- 2012-2015 Awareness and consultations, research
 - Vanua Levu (Nakanacagi, Bua)
 - Cave surveys at other sites Taveuni
- 2016 Bat workshop in Suva Species recovery plan
 - Management needs for Nakanacagi bat cave
 - Bat Conservation Initiative provide updates to the Protected Areas Committee

BAT CONSERVATION INITIATIVE

Date	Activity	Outcomes		
May 2016	Bat rapid survey Consultations with government, community and other stakeholders	 Auckland Zoo Conservation Fund for Telemetry work on the Nakanacagi bats Mr. Amrit Sen: Intention to donate parcel of land Matasawalevu Co-operative: Intention to sell parcel of land (FJD \$50,000) Cave leads data sheet Bat Project Advisory Group 		
August 2016	Proposal to Rainforest Trust to purchase Matasawalevu Co-operative land and 5 year management program	1. Contract signed in November 2016		
January 2017	Telemetry research	 Tracked bat movement in Vanua Levu Bat cave mapped. 		
April 2017	Meeting with Matasawalevu Co-operative	 Matasawalevu intention to lease, not sell Review of strategy 		
May 2017	Valuation of Matasawalevu Land Meeting with Amrit Sen for transfer of title (donation of the land)			

OPTIONS FOR CONSERVATION OF THE FIJI FREE TAILED BAT AND ITS HABITAT

- 1. No Action
- 2. Community Based Conservation site
- 3. Purchase
- 4. Lease
- 5. Compulsory Acquisition

OPTION 1: No Action

- Leave as it is (current scenario) BUT
- Not an option since the Government has threatened places/species as such under special protection – Endangered Species Act

OPTION 2: Community-based Conservation Site

- Managed by the Matasawalevu Cooperative
- May need a business venture
- Example:
- Monuriki
- Yadua Taba Native Lease
- Can they do it? Do they have the man power?

OPTION 3 – PURCHASE

- Purchased and managed by National Trust of Fiji on behalf of Fiji Govt.
- Sale FJD \$50,000 (Based on latest land evaluation)
 - This amount has been secured willing to buy
 - The National Trust can become a member of the Cooperative which will add value to the Cooperative.
- Examples of sites bought and managed by NTF
- Sand Dunes
- Examples of sites donated to National Trust of Fiji:
- Garrick Reserve
- Borron House
- Momi Gun Site

OPTION 4: LEASE

- Leased site to the National Trust
- Conservation Lease
- Commercial Lease not applicable
- National Trust Lease for this land
- \$2.45/ha (\$50/yr)

(no agricultural or commercial value)

Area

Examples of Land Currently Leased by NTF

Site	Area	Tenure	Purpose of lease	Reto
Send Dunts Netional Park		Crown land	Conservation of iconic landscape	561/ha
Yadua Salia Iguana Senctuary	70ha	Native land	Wildlife sanctuary	\$43/ha
Waltali Rainforest Reserve	120ha	Native land	Conservation of rainforest	\$30/ha
Sevi Basin Conservation	20,000	Native land		\$6/acre

The amount asked by Co-op in the last SGM (\$2000/yr) - Unrealistic Willing to negotiate a more realistic value (Range from \$50 - \$350/yr)

Even at maximute (\$300/yr) for 100 yr lease - you only get (\$85,000 after 300 yrs)

OPTION 5: COMPULSORY ACQUISITION

- Government of the day may take up management/ownership land or area for National Interest
- But we do not want to go down this road

(Not ideal for landowner or for the bats in the long term)

OPTION 3 – PURCHASE

- Purchased and managed by National Trust of Fiji on behalf of Fiji Govt.
- Sale FJD \$50,000 (Based on latest land evaluation)
 - FJD \$50,00 0 for purchase
 - FJD \$5,000 annual community fund
 - Purchase ceremony in mid July 2018
- Management Plan:
 - Scientific monitoring:
 - Ecological information
 - Population count and foraging
 - Threats assessment
 - Site restoration
 - Ranger program
 - Livelihood component

Acknowledgements

- Roko Tui Macuata & Conservation Officer
- Mr (Late) Kolinio Moce
- Nakanacagi Village
- Tui Dreketi
- Department of Lands (Labasa and Suva)
- Bureau of Statistics (Suva)
- Matasawalevu and Basikalave Indo-Fijian communities
- Mr. Dharam Raj, Director/President Matasawalevu Co-operative
- Mr. Amrit Sen

- Dr. Annette Scanlon
- Mr. Alivereti Naikatini
- Mr. Sialesi Rasalato
- Mrs Kelera Buadromo
- Ms. Joanne Malotaux
- Bat Conservation International
- Botanic Gardens Conservation International
- Conservation International
- Keidanren Nature Conservation Fund.
- CEPF
- National Trust of Fiji
- BirdLife International
- University of the South Pacific
- Fiji Protected Areas Committee
- Disney Wildlife Conservation Fund
- Australia Tropical Research Foundation
- Auckland Zoo Conservation Fund
- Rainforest Trust Fund



ASSOCIATION

in Pacific Island Countries

Community-based network of Protected/Managed Areas: Fiji Locally Managed Marine Area (FLMMA) Network experience

> Alifereti Tawake LMMA/FLMMA Network











B..........





CONTRACTOR OF THE OWNER.

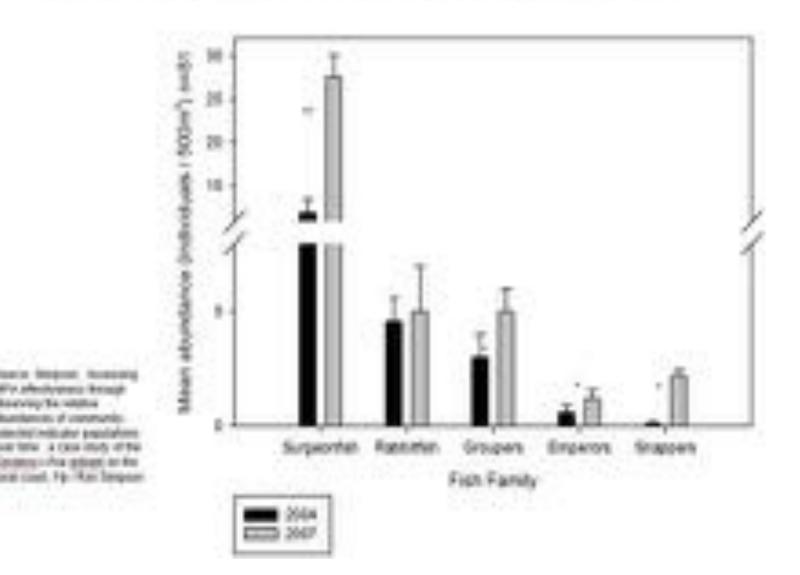
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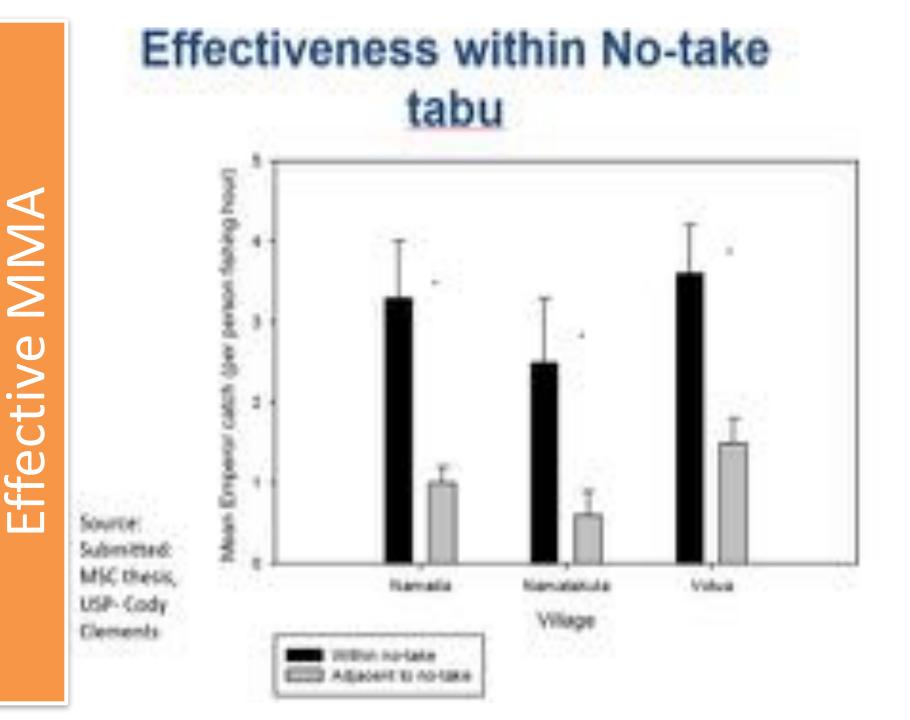
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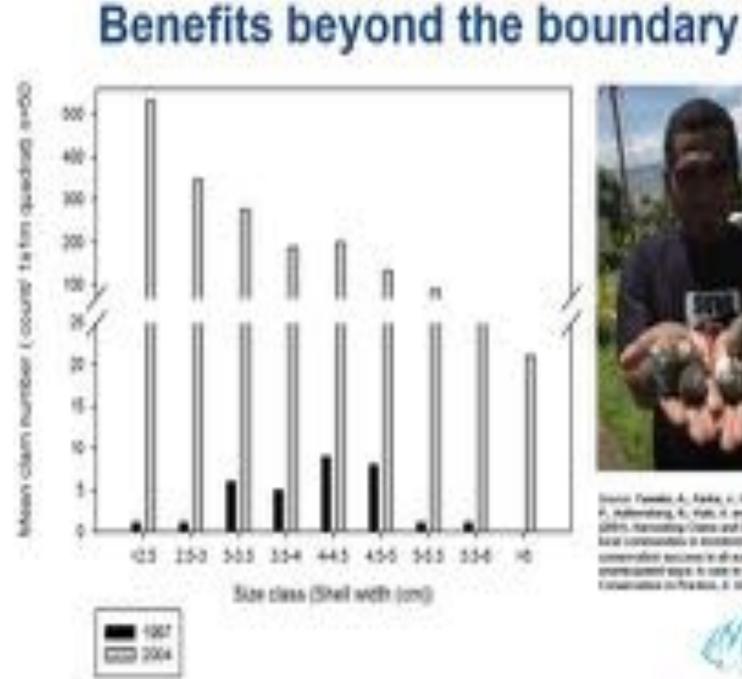




Effectiveness of No-take Tabu

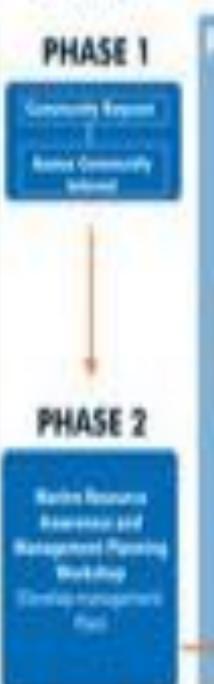


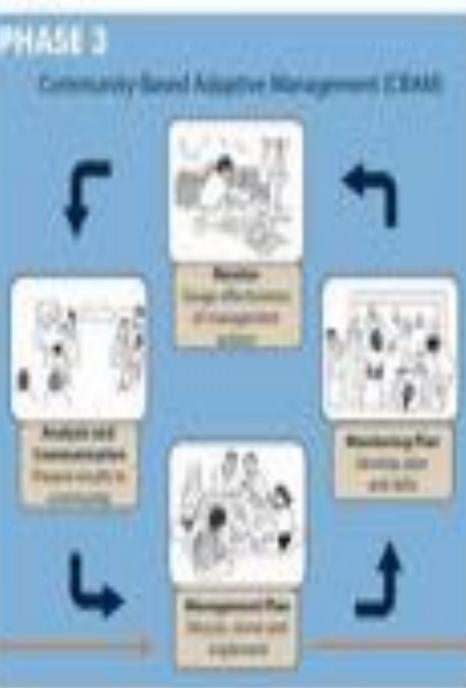




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Effectively MANAGED AREA

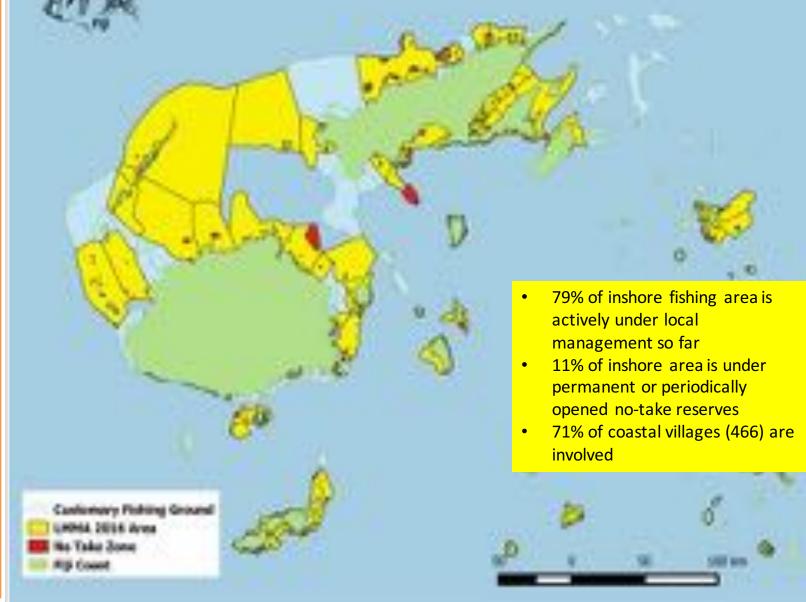




Adopt-a-tree for reforestation



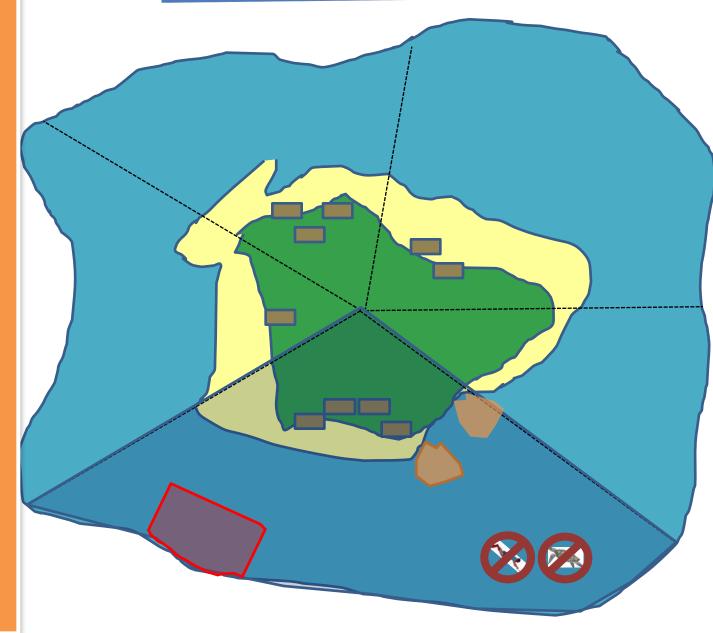
Fijis commitment at UN Ocean through FLMMA to achieve 100% inshore local management (35,000 sqkm) by 2020, effectively managed and governed by 2025





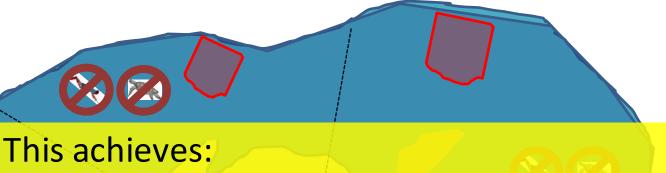
nd management based on CBFM/ CBRM / LMMAs





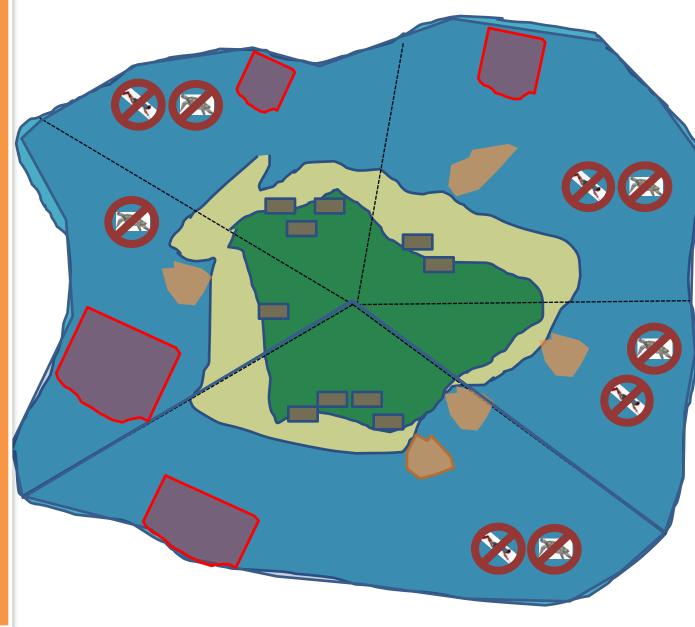


Island management based on CBFM/ CBRM / LMMAs

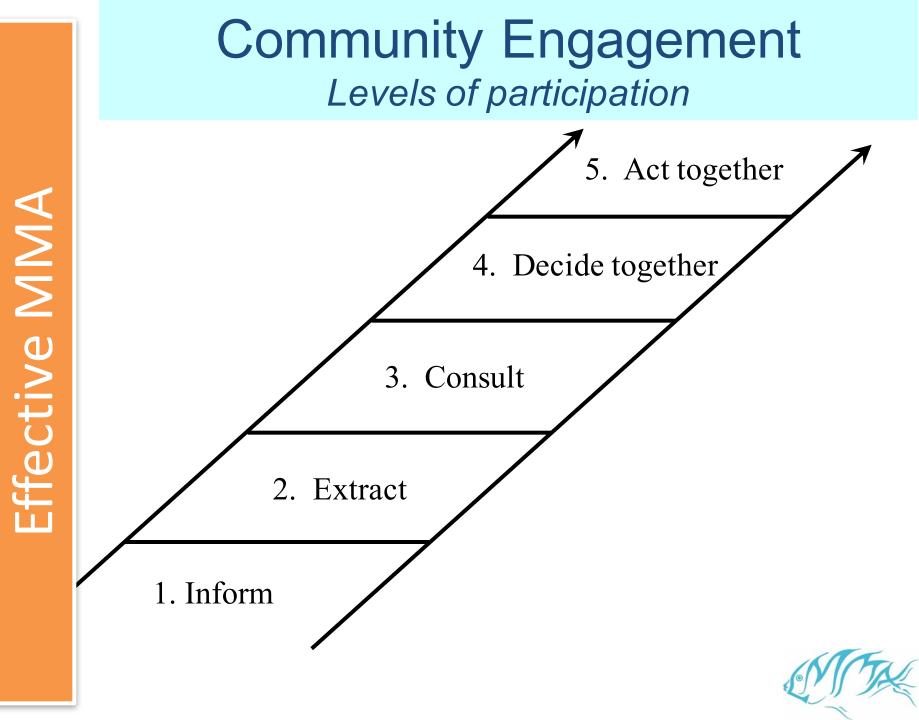


100% co-management 100% right tools for the job 100% planning processes for all livelihood issues 5-30%? Closed areas = strict "MPAs"

Island management based on CBFM/ CBRM / LMMAs



MTK.



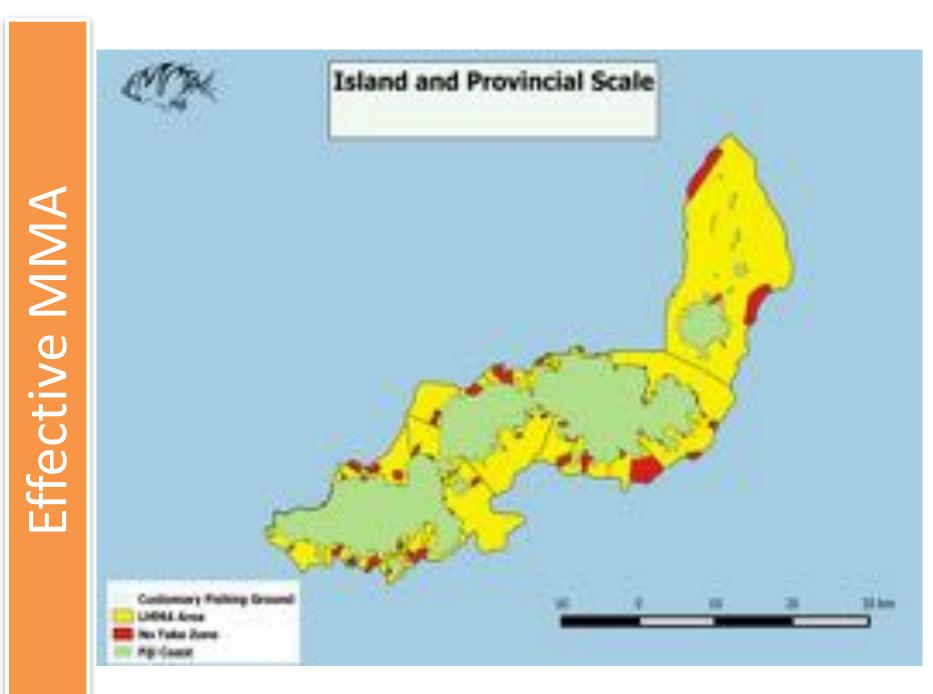
Scaling Up to Island and Provincial Level

Vision:

Ko Kadavu Me Yanuyanu Ni Sautu

'Prosperous, Wealthy and Peaceful Kadavu'





Kadavu Provincial 2030 Strategic Priorities (SDG Targets and Goals)

Strategic Priority 1: Sustainable Farming – Going Organic

> Objective: To be certified as an organic island by 2020

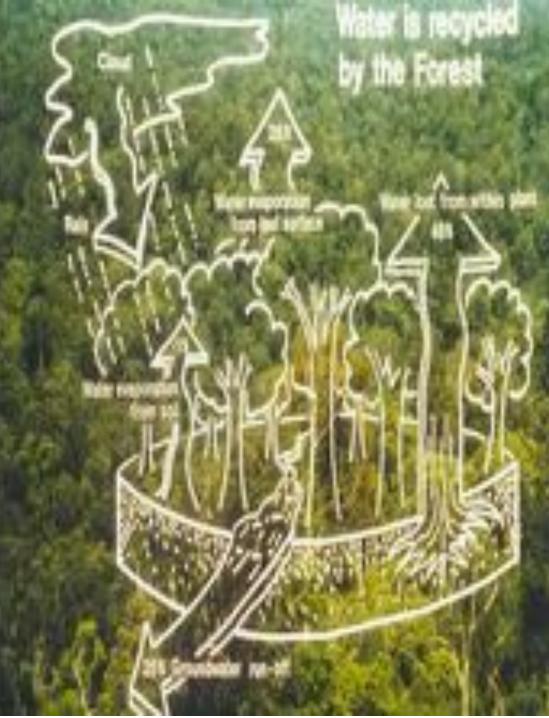






Strategic Priority 2: Sustainable Water Source

Objective: Protect all watershed areas by 2020





Strategic Priority 4: Create sustainable livelihoods

Objective 1: Certification and desite brand /improve local- international market for locally grown and watalnably harvested labelled products (stafood, organic)

Objective 2: Croste alternative income generations that are sustainable

- Dee Keeping organic honey
- Setting organic products to hotels/resorts
- Promote and market edutourism by engaging local communities – leaving foorprints only Objective 3: Value adding

Strategic Priority 5: Low carbon Development (Renewable Energy) Objective: To reduce dependence on direct fast generator to 0% by 2000

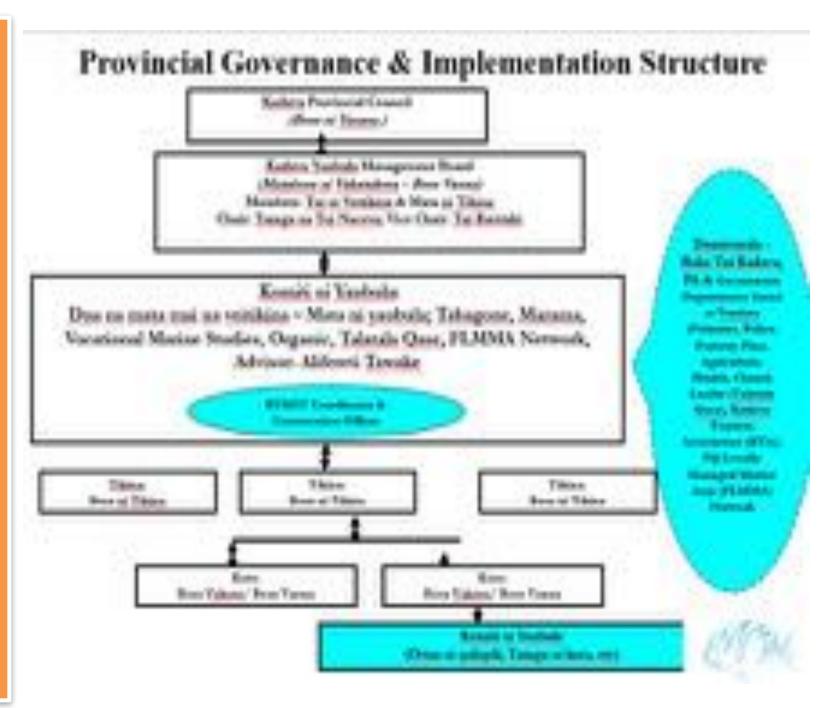
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- All offiger to be failed Property
- WeilMexCentional Integs









KYMST Board Meeting

Tavuki, Kadavu 24-25th June



Effective MMA

Resilience Thinking

- Diversity of strategies implemented by the locals; requires integrated planning
- ✓ Start small (village) and scale up to Tikina ; LMMA
- ✓Overfishing, urgent ... entry to communities
- ✓LMMA approach helps organise communities
- ✓ Youbula Management Plans = 360 degrees view
- ✓ Scaling-up from LMMA to Locally Managed Areas
 - * Asseyness
 - < UMMAn
 - Parent reserves. Second Step.
 - Farring paction upper
 - Wald Wesspored
 - Generator & Leadening
 - income parenables eg. Mél used farrong
 - Coastal pretexition
 - Circuits change adaptations
 - * Sustainable development Solar lighting





ASSOCIATION

in Pacific Island Countries

SOVI BASIN PROTECTED AREA

Regional Workshop on Improving Information and Capacity for More Effective Protected Area Management and Governance in the Pacific 11-15 June, Apia, Samoa Josefa Ravuso, National Trust of Fiji

BACKGROUND INFO

- Sovi Basin Protected Area (SBPA):
 - Declared a National Heritage Site by the Fiji government in 1991
 - Listed on the UNESCO World Heritage Tentative List in 1996
 - Listed as a site of national significance in the FNBSAP in 2003
 - Fiji's largest terrestrial protected area and is equivalent to some 2% of the land area of Viti Levu
 - Covers an area of 16,344 hectares
 - Owned by 9 landowning units who reside in 5 separate villages within the province of Naitasiri and Namosi.

SIGNIFICANCE

- Sovi Basin Protected Area (SBPA):
 - The largest remaining intact tract of lowland rainforest in Fiji
 - Habitat of some of Fiji's rarest biodiversity including endemic species like the Longlegged Warbler, *Trichocichla rufa* and the ancient gymnosperm *Acmopyle sahniana*, (Drau tabua), both of which are globally listed as Critically Endangered (IUCN 2006).
 - Designated as a Key Biodiversity Area (KBA) by Conservation International (CI), and an Important Bird Area (IBA) by Birdlife International (BI).

Sustainable Financing



Sustainable Financing



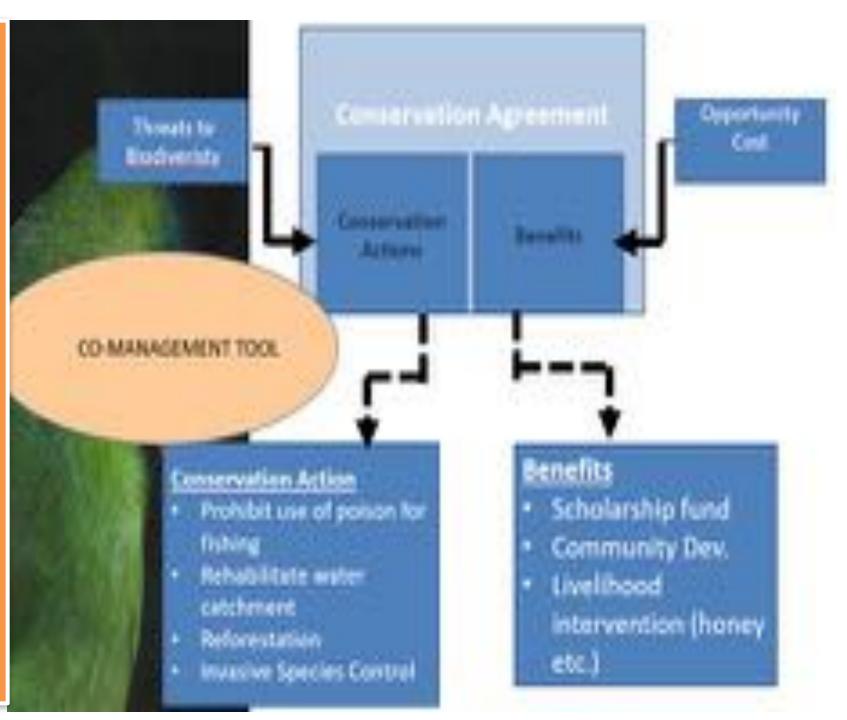
ENDOWENT Trust FUND

- Capitalisation : \$3.905m USD
 - Donors
 - Global Conservation Fund,
 - Fiji Water Foundation,
- The Trust Fund supports three broad cost categories:
 - 1. Annual royalty and lease payments to SBPA landowners
 - 2. Annual contributions to a Community Conservation and Development Fund
 - 3. Management budget for the Natural Heritage Unit.
- An innovative mechanism for conserving habitat while providing economic and social benefits for stakeholders including local communities and public/private sectors.

Sustainable Financing

TRUST FUND STRUCTURE

Financing Sustainable



Sustainable Financing

Conservation Actions

Sustainable Financing

Income Generation Initiative

Community CONSERVATION AGREEMENT in SBPA

- PARTNERS IN AGREEMENT

- -NTF (Grantor)
- –SBPA Village Community (Grantee)
- -SBPA Landowner Committee (Witness)
- Provincial Office (Witness/Arbitrator)
- –Conservation International (Advisor)

CONCLUSION

- Management of the SBPA
 is a work in progress –
 Adaptive Management
 approach going forward
- –SBPA as a conservation model for Fiji and perhaps the Pacific Region

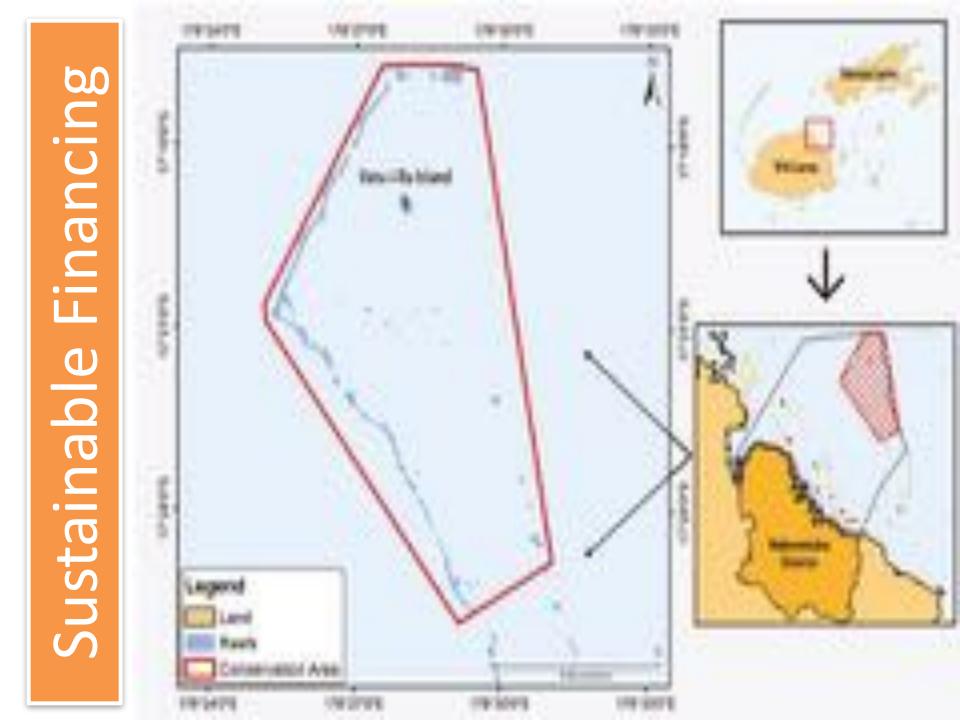


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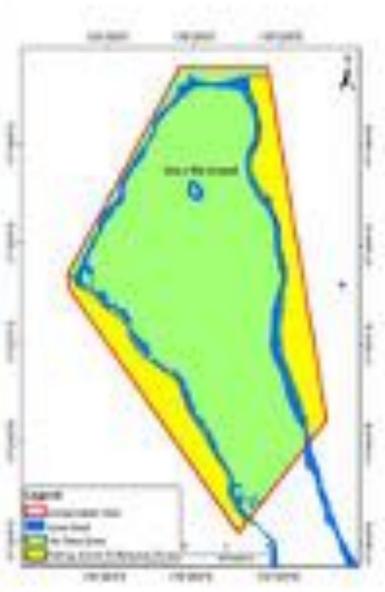
Financing Sustainable

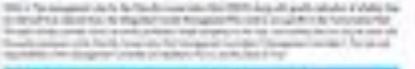
Vatu-i-Ra Conservation Park: Example of a Marine Conservation Agreement



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Financing Arrangements

- Agreement between fishing rights owners and tourism industry
- Voluntary payments for access to the park.
- Deed of Trust established to administer voluntary contributions – managed by a Board of Trustees.
- Use of funds:
 - 40% educational grants for students from the tribe with ownership rights over the island
 - 30% educational grants for students from district
 - 30% park management, with activities to be approved by Management Committee and Board of Trustees



Financing Sustainable

Marine Conservation Agreements a non-write Preservation Management and Seatanable Paragement and Seatanable Paragement and Seatanable



Lessons Learned

- Transparency and accountability key for maintenance of private sector involvement
- Mechanism to formalize governance arrangement and finance flow key to ensure stakeholder buy-in
- Allow adequate time and resourcing for extensive consultations to arrive at equitable benefits sharing mechanisms
- Conditionality essential either side can withdraw if perceive conditions being breached.
- Model not applicable everywhere

 need assurance of steady flow of visitors

https://liji.wci.org/Resources/Reports.aspe



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CBD Strategic Goal C: To improve the status of biodiversity by saleguarding ecosystems, species and genetic diversity.

Aichi Target 11: By 2020, at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equilably managed, ecologically representative and wellconnected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape and seascape.

Figi Targets

Terrestrial Target: By 2020, at least 17% of all land is under protected area status and these areas have been identified and endorsed by the National Protected Areas Committee and the National Environment Council as priority sites (see Map in Annex 2).

Marine Target: (a) By 2020, at least 30% of Fijl's offshore areas is effectively managed and part of a national marine protected area network; and

(b) By 2020, 100% of inshore traditional fishing grounds (iQoliqol) are effectively managed within locally managed areas.

Indicators:

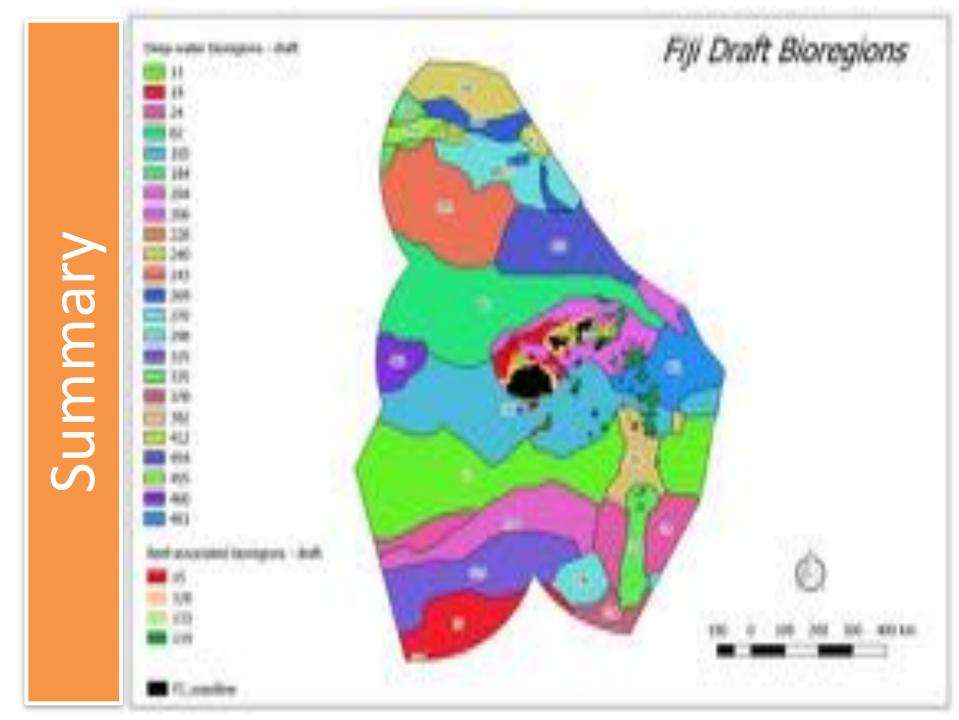
- Total area of representative coverage of formally and informally recognised terrestral and marine protected areas and locally managed areas.
- Total area and number of protected areas that are effectively managed based on agreed national protected area criteria for evaluating management effectiveness.
- Measurement of ecosystem services and equitable benefits from protected areas.
- Measure if trends in connectivity of protected areas and other area based approaches integrated into landscapes and seascapes.

		CBD Aichi Target	National Target	STATUS
nary	Terrestrial and inland waters	17%	16.7%	2.7% legally protected
Summary	Coverage of coastal and marine areas	10%	30%	<pre>16.6% of INSHORE are effectively managed 1.8% of EEZ 0% open ocean</pre>

March M.

Summary





- De-reservation of Nature Reserves
- Invasive species encroachment in native forest
- Commercial and unsustainable resource use – alternative livelihood
- Lack of funding capacity
 - consolidate community support for expansion of PA
 - Support legalization
 - Endowment funding

Legalize terrestrial 14% PA to fulfil Aichi Target; given current level of protection

NEED:consensusfromlandownersandendowment trustfund(management of the PA)

- Expand the management of Fiji's waters and make substantial progress against the 30% target is to establish offshore Marine Managed Areas (MMAs) outside of the boundaries of the i qoliqoli areas.
 - **NEED -** 28.2%, or 366,604 km², over offshore waters outside of i qoliqoli areas within Fiji's Exclusive Economic Zone (EEZ).
 - 1. Government intervention to drive process e.g. taking up MacBio Marine Bioregions
 - 2. National & local consultation
 - 3. Support for local initiatives that do landscape/seascape or 100% management or whole domain



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