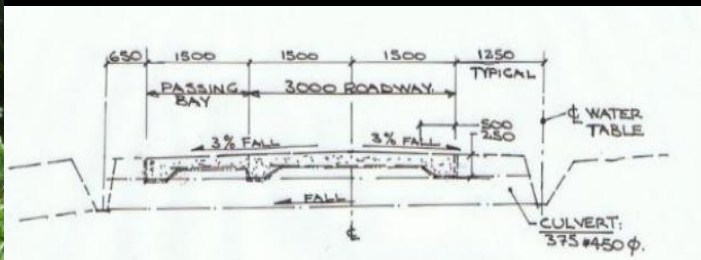
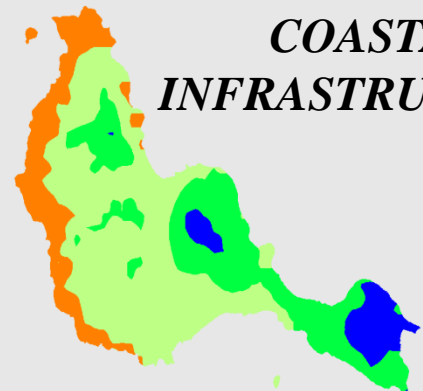




Pacific Adaptation to Climate Change Project

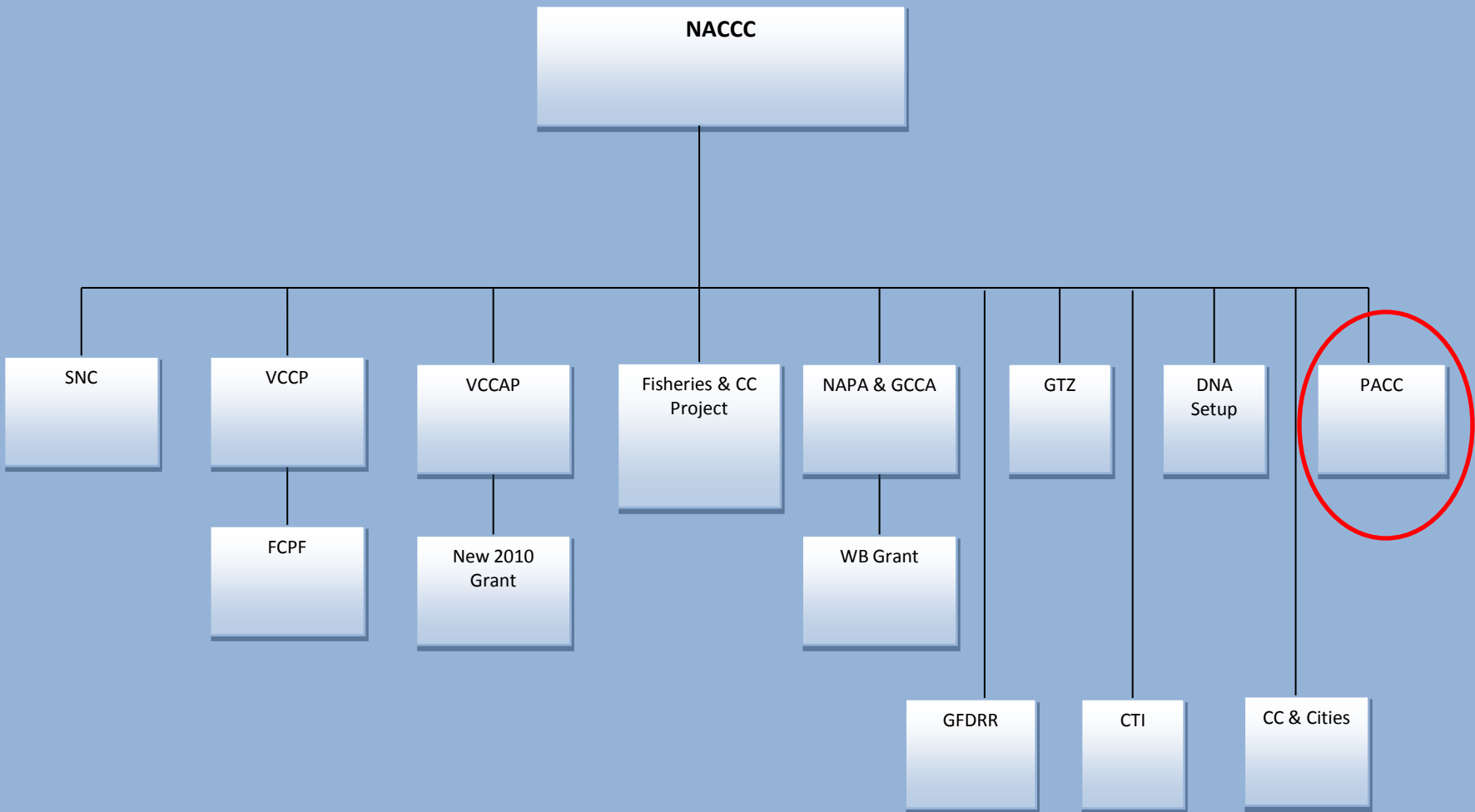
VANUATU

**CLIMATE PROOFING
COASTAL
INFRASTRUCTURE**



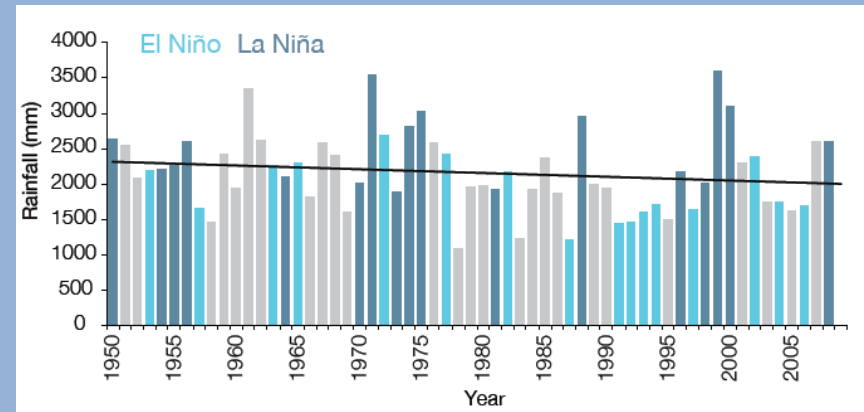
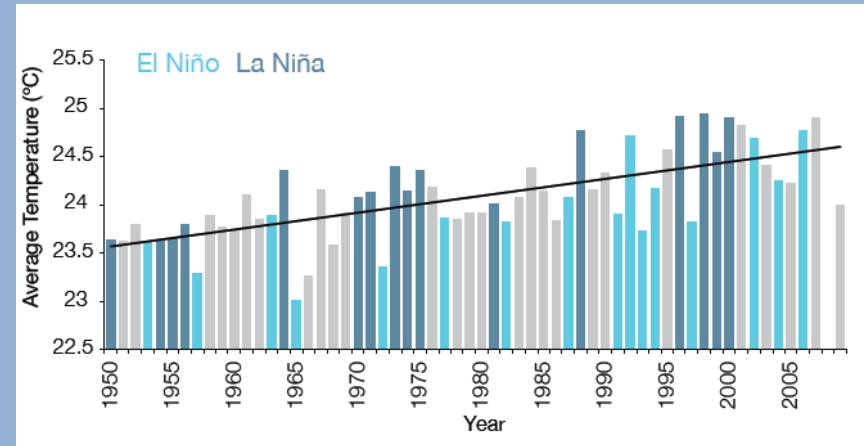
- TYPE ONE - 150 CAP 40 & EDGE THICKENING
- GEOTEXTILE FABRIC - - -
- TYPE TWO - 150 CAP 40 & EDGE THICKENING





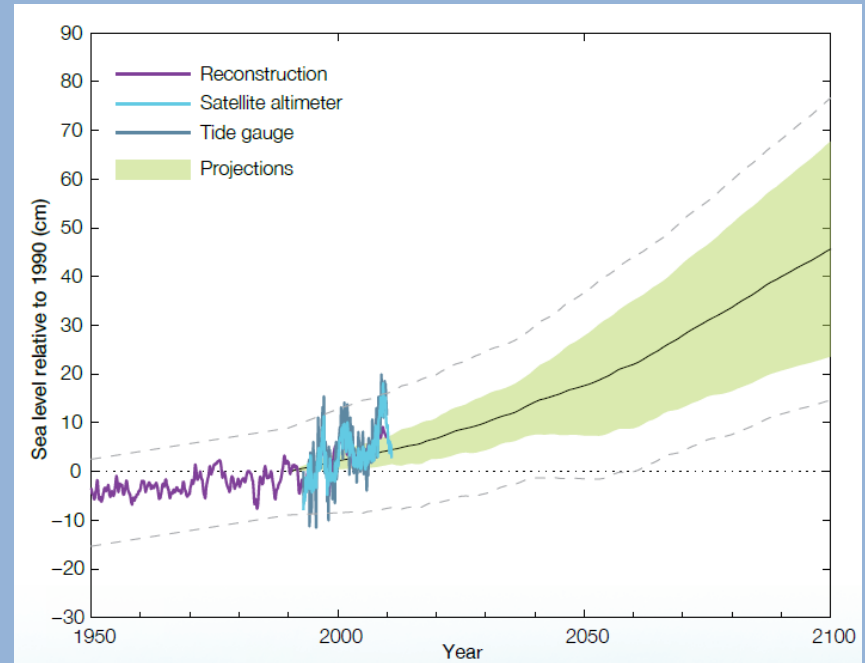
Climate Baseline

- Annual max & min temps increased since 1950
- Baurfield – max temp increased at 0.17°C per decade
- Increase consistent with global pattern of warming



Climate Baseline

- Sea Levels have risen by about 6mm per year since 1993
- High than global average of 2.8 – 3.6mm per year
- Related to natural fluctuations - ENSO



Future Climate

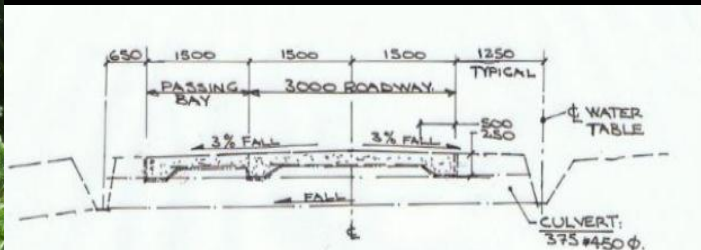
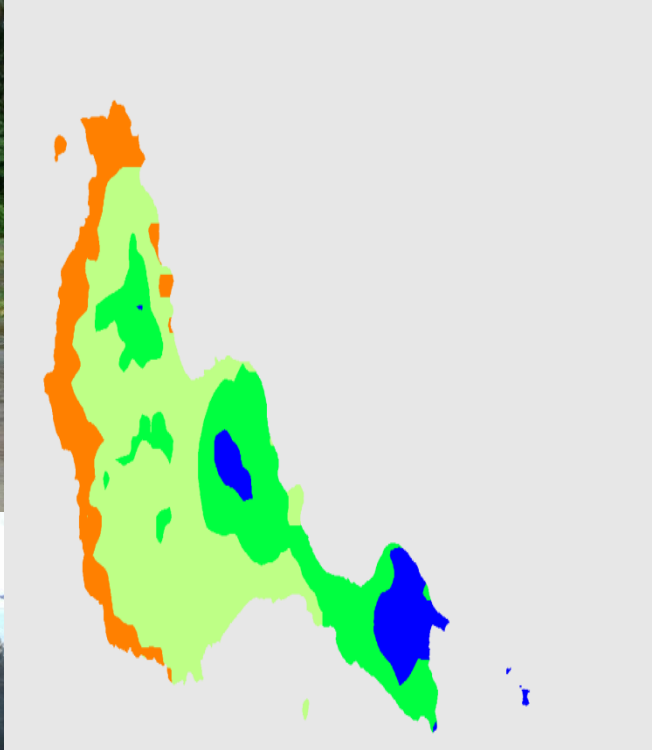
- Temperatures will continue to increase
- More extreme rainfall days
- Less frequent but more intense TCs
- Sea Level will continue to rise





- **V&A Assessment**
- **Develop new designs incorporating CC & SLR**
- **Improve infrastructure based on new designs**
- **Policy interventions and guidelines developed to climate proof coastal infrastructure**
- **Replication**





TYPE ONE - 150 CAP 40 & EDGE THICKENING
- GEOTEXTILE FABRIC - - -

TYPE TWO - 150 CAP 40 & EDGE THICKENING

