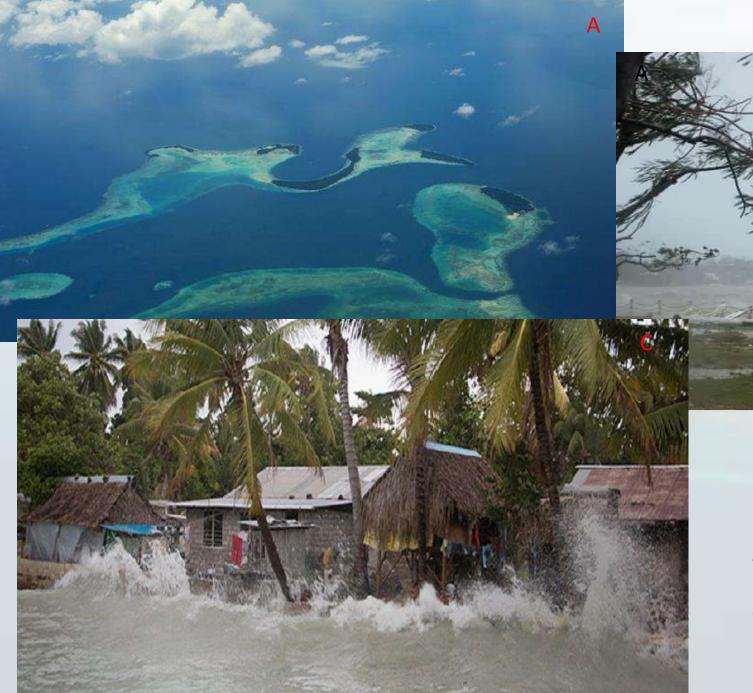
Solomon Ports

# Climate Change Impact on Pacific Ports and Future Sustainability



- a) Five islands have disappeared and another six have been badly eroded in the Solomon Islands owing to rising sea levels
- b) Cyclone Pam hits Vanuatu in 2015
- c) Rising seas in Samoa

# Some incidents of impact to Ports

- 2015 Cyclone Pam caused severe damage to Port Villa, Port Vila, Efate, Vanuatu
- 2011 floods inland coal mines in Queensland, Australia reduced the throughput of Port of Gladstone by approx.
   40 million tons
- 2009 Heatwave shut down Port Melbourne for three days
- 2019 Cyclone Harold caused a US\$ 0.5m damage to Solomon Ports

# What Challenges Us most

- Rising sea levels
- Storm surges/ High Swells
- Heavy winds
- Sea surface salinity (leading to high rates of corrosion)
- Sedimentation rates
- .....Revenue.....Future viability

## Ports Resilience to Climate Risks and Adaptation

What can make us sustainable?

- 1.Climate risk and vulnerability assessment to understand our greatest risks
- 2.Construction of resilient infrastructure Climate Proofing
  3.Develop guidance, best practices, checklists, methodologies and other tools in support of adaptation – and implement
  4.Energy efficiency in seaports and use of renewable energy
  5.Access to Climate finance
  6.Prioritise adaptation options for better resilience

### Lets make a voice for the Pacific Ports

#### Thank You