Vulnerability Assessment for Adaptation

19th Asia-Pacific Seminar on Climate Change 20th – 22nd July 2010 Righa Royal Hotel – Kokura Kitakyushu, Fukuoka

Japan

Solar Eclipse in the Cook Islands Mangaia Island 11th July 2010 [8:00am – 8:10am CIST]



19th Asia-Pacific Seminar on Climate Change Maara Vaiimene Cook Islands Vulnerability Assessment for Adaptation

Outline of Presentation
Introduction – Cook Islands
Organization Involved in Climate

bility Assessment for

Adaptation

Adaptation Measures and Actions
Lessons Learnt
Conclusion

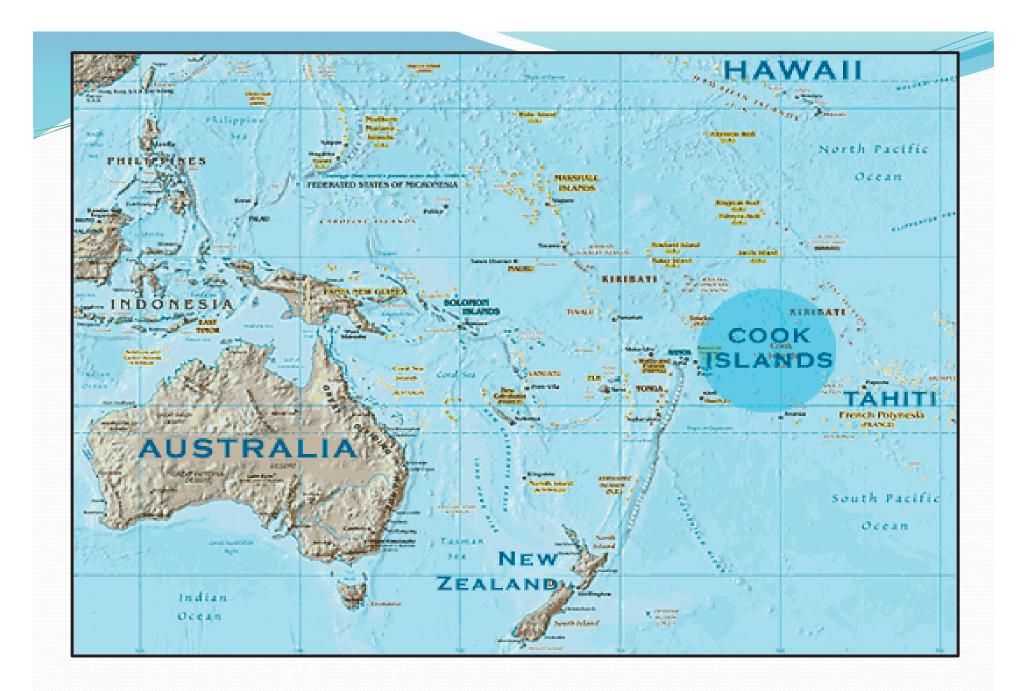
19th Asia-Pacific Seminar on Climate Change Maara Vaiimene Cook Islands

Background of the Cook Islands



- Cook Islands Consists of 15 low lying atoll and volcanic Islands scattered in the Pacific Ocean and Rarotonga being the capital of the Cook Islands
- It lies between Latitude 10°S 21°S and between 155°W - 165°W Longtitude
- Total Land Area 240km²
- EEZ 1.8million km² of ocean
- Population just under 20,000
- Government Self Govt in free association with NZ
- Currency NZ Dollar
- Climate two distinct season
- Wet season also the tropical cyclone season November – April where 2/3 of our rainfall are recorded.
- Dry season May to October where 1/3 of rainfall are recorded

19th Asia-Pacific Seminar on Climate Change Maara Vaiimene Cook Islands



19th Asia-Pacific Seminar on Climate Change Maara Vaiimene Cook Islands

7/26/2010

5

Organizations Involved in Climate Change

Ministry of Foreign Affairs

- international communication and logistics
- Signing and agreeing to international conventions
- National Environment Service [NES]
- Policy Development and Implementation on CC issues
- Compliance Monitoring
- Adaptation and mitigation Awareness and Education (Schools and Communities Outer Islands and Main Island)
- Meteorological Service
- Data Collection and Analysis, dissemination of early warnings
- External Programs Involvement for Capacity Building
- Seasonal Climate Outlook for Pacific Island Countries [SCOPIC]
- Pacific Climate Change Science Program [PCCSP]
- Both Programs involves institutions such as National Institute of Water and Atmosphere [NIWA] New Zealand
- Climate and Research Department of the Bureau of Meteorology, and CSIRO of Government of Australia.

Organizations Involved in Climate Change

Ministry of Utilities

- Water Works Fresh Water Sustainability [subsidy of water tanks to homes on elevated areas and the outer islands]
- Energy Department Renewable Energy [Solar Power and wind power generation]
- Planning and Infrastructure [monitoring and compliance of building codes]
- Waster Management [monitoring and compliance of waster disposal]
- Non-Government Organizations
- World Wide Fund for nature awareness programs to schools, communities, woman groups, youth and church organizations.
- Private Sectors
- Commercial businesses investing in renewable energy especially prospects of solar power.