Workshop on Observation Systems of Climate Change in the South Pacific 11-12 June2015 IRD Centre, Nouméa, New Caledonia









Outcomes of panel 3: Observing impacts of climate change on communities

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Question 1

- What types of data and tools are needed? What impact will be addressed by which data
- Several data and tools are needed to measure/monitor material and non material human securities

What do we need to observe? Material human security

- Baselines ?
- Processes of change
- Indicators of change

- Loss of settlement security
 - Household relocation
 - Community relocation
 - Internal displacement?
 - **♦** Squatter settlements
- Loss of livelihood security
 - Food
 - Imports
 - Nutrition
 - Cash incomes
 - Poverty
- Loss of habitat security
 - Health
 - Disaster vulnerability/resilience

Non-material security?

- Baselines?
- Processes of change
- Indicators of change

- Social change
 - Village structures
 - Kinship
 - Urbanisation
- Cultural change
 - Land ontological security (after Giddens)
 - Language
- Psychological effects
- Affect and emotions

This is really important ... and really hard

Consensus resolutions

- Need to identify and establish better access to historical data including anthropological monograph, case studies
- 2. Links to existing quantitative data sources (censuses, economic data banks)
- 3. Identify key indicators (qualitative/ quantitative)

Question 2

- How will data be used and model integration be achieved
- A series of consensus resolution was identified

Consensus resolutions

- 4. Devise a map of
- a) Existing social sciences studies and sites,
- b) Potential long term observation sites,
- c) Links to natural science data in existing sites
- 5. Establish websites/platforms

Question 3

 What partnerships are needed to support and exploit these observation systems Identify potential framework or platform to encourage partnership and build capacity to monitor and analyse the human and social consequences of climate change in the Pacific region

Consensus resolutions

6. Establish links to other existing systems (eg Gops)

7. Coordinate social sciences focus on this topic and facilitate interaction with social scientists and natural scientists (newsletter, annual workshop)

The OCEANIA OBSERVATORY OF THE CONSEQUENCES OF CLIMATE CHANGE O2C3 PROJECT

Promote new research to generate new data dedicated to Oceania and train new researchers and experts

Studies
Collect, organize, analyze and redistribute existing information and identify those

lacking

Gather Past

Bring together social scientists to cooperate with a Multi-disciplinary approach on the human dimensions of climate change

The Oceania
Observatory on
the Consequences
of Climate Change

Facilitate access to, analyze and share existing data on CC in Oceania Build bridges with

natural sciences

Cover Oceania

Can have a role of a "whistle blower" on impending disasters

Educate and Raise awareness on CC related matters

Engage with regional organizations such as SPREP, SPC and Universities and Research institutions