PACIFIC CLIMATE CHANGE ROUNDTABLE

Increasing Resiliency Against Climate Change Impacts And Disaster Risk

The Role of Climate Change Related Risk Perceptions in Designing and Enhancing DRR, CCA Polices, Strategies, Tools and Methods

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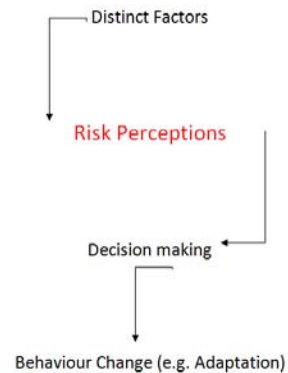[4] Intern, UNESCO Apia for the Pacific States

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Key Problem

How communities in the Pacific perceive, relate and make decisions with respect to climate change associated risk and disasters is lacking in the Pacific.

HDI rank	WELL-BEING			ENVIRONMENT				
	Overall life satisfaction (0, least satisfied; 10, most satisfied)	Humans cause global warming (% yes)	Global warming threat (% serious*)	Active in environmental group (% yes)	Satisfaction with government to reduce emissions (% satisfied)	Satisfaction with actions to preserve the environment (% satisfied)	Satisfaction with air quality (% satisfied)	Satisfaction with water quality (% satisfied)
	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ	2006–2010ᵇ
178 Guinea	4.3	39.8	78.4	30.8	..	22.7	54.9	38.3
179 Central African Republic	3.6	67.2	77.3	..	..	63.5	87.0	41.2
180 Sierra Leone	4.1	52.1	74.0	50.8	..	29.8	72.7	36.6
181 Burkina Faso	4.0	52.5	96.3	14.3	..	48.5	73.8	39.4
182 Liberia	4.2	32.1	71.8	43.2	..	..	79.4	50.7
183 Chad	3.7	55.0	96.0	29.9	12.9	56.8	57.1	34.9
184 Mozambique	4.7	53.0	87.8	8.4	..	53.6	79.1	71.4
185 Burundi	3.8	45.8	91.6	16.1	28.1	55.7	84.9	52.1
186 Niger	4.1	..	..	14.4	25.9	58.3	90.9	63.0
187 Congo, Democratic Republic of the	4.0	47.7	..	..	16.3	31.0	70.5	22.1
Human Development Index groups								
Very high human development	6.7	54.4	66.3	..	..	52.4	81.7	87.2
High human development	5.9	62.3	..	..	..	40.9	67.5	67.0
Medium human development	4.9	52.1	62.2	..	..	58.2	77.2	69.8
Low human development	4.7	49.6	78.4	..	..	39.9	76.7	51.8
Regions								
Arab States	5.0	49.3	60.1	..	..	27.3	60.7	52.4
East Asia and the Pacific								
Europe and Central Asia	5.3	47.6	62.8	..	..	30.8	67.1	63.2
Latin America and the Caribbean	6.5	72.8	94.8	8.8	..	46.3	71.8	74.6
South Asia	5.0	49.7	82.6	11.6	39.2	43.6	78.8	62.9
Sub-Saharan Africa	4.4	49.5	..	..	..	44.5	75.7	46.6
Least developed countries	4.4					45.5	76.8	52.6

Why Climate Change Risk Perceptions?

•Distinct factors can influence and determine risk perceptions and decision making; which consequently shapes behaviour change (e.g. adaptation)

•Important to understand these local perceptions and decision making in order to better design effective and resilient disaster risk and climate change adaptation policies, strategies tools and methods.

Distinct Factors

Risk Perceptions

Decision making

Behaviour Change (e.g. Adaptation)

SPARCK

Sharing Perceptions of Adaptation, Resilience and Climate Knowledge

Is a UNESCO multi-country climate change research and capacity building initiative.

Aims

Information gained from the project will assist in understanding:

➢ Conservation management, including BRs

➢Ability of media to communicate climate change issues effectively

➢How teaching on the subject can be improved

Target Countries and Groups

Countries

•Samoa, Fiji and Vanuatu

Groups

1. Communities living in and around conservation areas/ potential biosphere reserves

2. Teachers

3. Media

Map showing community focus group locations in Savai'I, Fiji, Vanuatu

How ?

• Phase one is data collection

    • Innovative first time mobile survey in the Pacific

    • Focus group surveys

    • Face book –social media exchange

• Phase two is targeted capacity building based on information gathered and lessons learned

Partnerships

• MoU with Melbourne University

• Apidae Development Innovations

• Local Media and Education Ministries

'The combination of mobile technology and in-person meetings is allowing us to get a better understanding of local solutions that can then be shared." Dr. Adam Bumpus

THE UNIVERSITY OF MELBOURNE

apidae
development innovations

Mobile Survey

▪ The mobile surveys are made up of 12 questions

▪ Questions were tailor made for each target groups (e.g. community, teachers and media)
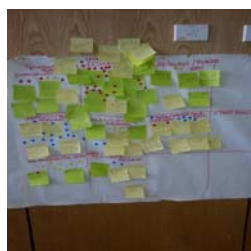
▪ Community- local language

Join the Text Message Survey!
Text: SM2 to *800* (Only on Digicel)
Its totally free!
We Text you back a few short questions

Answer the questions and be entered to win $100 WST mobile phone credit

Apidae technology powered by Mobimedia

Focus Group Survey

1. Interactive discussions regarding problems and solutions for climate change, and

2. An innovative 'photo sorting' -bottom-up methodology

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SPARCK

Teachers Survey

Teachers Survey (Samoa*)

▪Teachers perceive climate change is a threat and is important

▪Lack of training on the issue

▪Lack of resources to make it easy to communicate in a local context.

 Solutions

•Localization of climate change issues through fieldtrips, and broader family and community education

•Teachers identified a need for more curriculum development of cc (e.g. different languages)

•Emphasis on integrating/mainstreaming climate change fully in a few key subjects with key teaching points in others.

Samoa

Fiji

Vanuatu

SPARCK

Communities (Savai'i)

Community Survey (Samoa)

•The biggest local climate change issue includes increasing heat.

• Not everyone perceives CC personal threat. Those who perceive a higher threat tend to take actions

•Members feel concerned about climate change

•Perceive climate change important as the economy.

Solutions

• Local education, community information are seen as the best solutions to climate change

•External financial and project-based assistance.

SPARCK

Communities (Vanuatu, Pele Island)

Media Survey (Samoa)

▪Perceive to have a leading role in raising CC awareness

▪Perceive CC to be relatively uninteresting and boring.

Solutions

▪Need to know what *will* work (i.e. the best climate change story telling technique that will bring about behavior change).

▪Local stories with less attention to technical acronyms and meeting agendas and outcomes.

Samoa

Fiji

Vanuatu

- Project SPARCK Launched

Search: Sparck Pacific Climate Change Project

Media- Coverage

- Face book

- Newspaper

- Radio

- TV