

PROGRAMME

WORLD SYMPOSIUM

ON CLIMATE

CHANGE IMPACTS AND ADAPTATION

STRATEGIES IN COASTAL

COMMUNITIES

Tanoa Tusitala Hotel
Apia, Samoa,
5th-7th July 2017



WORLD SYMPOSIUM ON CLIMATE CHANGE IMPACTS AND ADAPTATION STRATEGIES IN COASTAL COMMUNITIES

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PROGRAMME

Day 1 –5th July 2017

16:00-18:00- Registration for early arrivals and set-up of displays

Evening: free

Day 2 –6th July 2017

07.00am–7.30 Registration

08:00-09:00- Opening and Welcome Session

8.00am All seated

- Start of Programme – Tuioti Autagavaia Taituave – ADRA Samoa
- Prayer – Pastor Sione Ausage/Gen. Secretary/SamoaSDA Mission
- Welcome – Su'a Julia Wallwork/Country Director/ADRA Samoa
- Introduction- Professor Walter Leal/University of Hamburg/Chair
- Keynote Address : Susuga Tuilaepa Dr. Lupesoliai Sailele Malielegaoi
Honourable Prime Minister
Government of Samoa
- From Samoa With Love - Samoana Dance Group – Samoa Tourism Authority
Miss Samoa 2017 – Ms. Priscilla Olano

09:00-10:00- Coffee break/ Registration Resumes



10:00-11:30- Plenary Presentations (Room: Convention Centre)

Chair: Walter Leal

10:00-10:30 – Enhancing the Climate Resilience of Coastal Resources and Communities in Samoa: case study of the Samoan Government joint initiative with village communities demonstrated through Community Integrated Management Plans 2017 (CIM Plans) (Leilani Duffy-Iosefa, Utulei Lui, Ministry of Natural Resources and Environment, Samoa)

10:30-11:00 - Mainstreaming Disaster and Climate Change Resilience in Samoa (Muliagatele Filomena Nelson, ACEO, Disaster Management Office, Samoa)

11:00-11:30- Current and Changing Climate of Samoa (Mulipola Ausetalia Titimaea, ACEO, Disaster Management Office, Samoa)

11:30-12:45- Plenary Presentations (Room: Convention Centre)

Chair: Johannes Lutz

11:30- 11:55- Coping with Future Coastal Floods in Denmark - Advancing the use of Global Frameworks

(Martin Jebens, Danish Coastal Authority, Coast and Climate, Denmark and Carlo Sorensen, Technical University of Denmark, Denmark)

11:55- 12:20- Coastal Communities Challenges - CURA in the Estuary and Gulf of St. Lawrence (Quebec, Canada) facing climate change: strengthening the resilience capacities through participative action research (Steve Plante, Julia Santos Silva, Université du Québec à Rimouski, Canada)

12:20-12:45- “God and Tonga are my inheritance!” – Climate change impact on perceived spirituality, adaptation and lessons learnt from Kanokupolu, ‘Ahau, Tukutonga, Popua and Manuka in Tongatapu, Tonga (Peni Hausia Havea, Sarah L Hemstock, Helene Jacot Des Combes, Johannes Luetz, USP, PaCE-SD, Fiji)

12:45- 13:00- Discussion

13:00- 14:00- Lunch

14:00-15:30- Plenary Presentations (Room: Convention Centre)

Chair: Susana Taua’a

14:00-14:25- Courts as decision-makers on sea level rise adaptation measures: Lessons from New Zealand

(Catherine Iorns Magallanes, Vanessa James and Thomas Stuart; Victoria University of Wellington, New Zealand)



14:25-14:50- Advantages and challenges of participatory management of customary coastal areas in the French Islands of the Pacific
Michel Allenbach and Pascal Dumas, University of New Caledonia, New Caledonia;
Matthieu Le Duff, Labex Corail Yolaine Bouteiller, South Pacific Commission, New Caledonia)

14:50-15:15- Reporting on adaptation in Fiji and Samoa: A case study
(Lagipoiva Cherelle Jackson, Pacific GeoJournalism, Internews, Samoa)

15:15-15:35- Impacts of Human activities on Water Quality in Watershed Areas on Upolu Island in Samoa
Faainu Latu, The National University of Samoa, on behalf of Environmental Science students of the National University of Samoa

15:35-16:05- Coffee break

16:05-17:30 (**Room: Convention Centre**)

Special Plenary Session on Climate Change in Coastal Areas by Dr. Netatua Pelisikoti, Lead Author of Chapter 29 on Small Islands of the IPCC Fifth Assessment Working Group II Report.

19:00-21:00- Dinner with typical food (a buffet catering for various dietary requirements accompanied by soft drinks will be served), hosted in partnership with “USAID’s Pacific-American Climate Fund.”

Day 3 –7th July 2017

09:00-10:30- Plenary Presentations (Room: Convention Centre)
Chair: Johanna Nalau

09:00-09:25- Planning and Urban Informality – Addressing Inclusiveness for Climate Resilience in the Pacific (Dr. Colleen Butcher-Gollach, University of Melbourne, Australia)

09:25-09:50- Capacity Development and TVET: Accredited Qualifications for improving resilience of coastal communities – a Vanuatu case study (Tess Martin, Sarah Hemstock, Helene Jacot Des Combes, Charles Pierce, EU PacTVET project (SPC/USP), Fiji)

09:50- 10:15-Predicting True Climate Change Risks and Opportunities in the Cook Islands: How Vulnerable Are Pacific Maritime Supply Chain Stakeholders? (Jack Dyer, Australia Maritime College, University of Tasmania, Australia)



10:15-10:40 – “We’re not refugees, we’ll stay here until we die!” – Climate change adaptation and migration experiences gathered from the Tulun and Nissan Atolls of Bougainville, Papua New Guinea
(Johannes Luetz, CHC Higher Education, Brisbane, Australia and Peni Hausia Havea, Pacific Centre for Environment and Sustainable Development (PaCE-SD) The University of the South Pacific, Fiji)

10:40-11:10- Coffee break

11:10-13:10- Parallel Sessions

Session 1 - Room: Convention Centre
Chair: Catherine Iorns Magallanes

11:10-11:30- Exploring PES as a tool for watershed protection (Susana Taua’a, National University of Samoa, Samoa)

11:30-11:50- Modelling the influence of environmental variability on catches of chokka, *Loligo reynaudii*, South Africa to improve fishery sustainability and adaption to long-term climate related changes
Jessica Joyner, W. H. H. Sauer, Rhodes University, South Africa; M. J. Roberts, Nelson Mandela Metropolitan University, South Africa)

11:50-12:10- Yakasisi’ in planning for a more sustainable future
(David K. Mitchell and George Aigoma, Eco Custodian Advocates, Milne Bay Province, Papua New-Guinea)

12:10-12:30- Limits and barriers to transformation: a case study of April Ridge relocation initiative, East Honiara, Solomon Islands
Michael Otoara Ha’apio; The University of the South Pacific, Fiji; Keith Morrison, Sustainable Community Development Research Institute, Canterbury, New Zealand; Ricardo Gonzalez, Universidad de La Frontera, Chile; Elizabeth Holland, The University of the South Pacific, Fiji; Morgan Wairiu, The University of the South Pacific, Fiji)

12:30-12:50- Black Pearl Farming as an Adaptation to Coastal Climate Change
(Mattlan Zackhras, Namdrik Atoll Development Association (NADA), Republic of Marshall Islands; Payton Deeks, Pacific American Climate Fund; Simon Ellis, Marine Environmental Research Institute of Pohnpei)

12:50-13:10- At the Frontline of Climate Change: Adaptation, Limitations and Way forward for the South Pacific Island States
(Priyatma Singh et al, The University of Fiji, Fiji)



Session 2 - Room: The Conference Fale
Chair: Murukesan Krishnapillai

11:10-11:30- Sustainable Small-scale Mariculture Ventures as a Comparative Climate Friendly Livelihood Alternative in Pohnpei, Federated States of Micronesia (Simon Ellis, Maria Haws, Jasmine Mendiola and Mikelson Hemil Marine and Environmental Research Institute of Pohnpei, Federated States of Micronesia)

11:30-11:50- A national tool to support Australian coastal decision makers to manage risks associated with climate change.
David Rissik, Jean Palutikof, Steve Webb, Fahim Tonmoy, Anne Leitch, Sarah Boulter
National Climate Change Adaptation Research Facility, Australia

11:50-12:10- Reviving Traditional Croplands to Improve Community Climate Resilience (Umai Basilius, Bernie Besebes, Palau Conservation Society, Republic of Palau)

12:10-12:30- Building Climate Change Resilience of Fishing communities in Macuata, Fiji (Milysia Tubuna, Maleli Qera, Maikali Rasuwaki, Patricia Davis, Community Centred Conservation (C3) Fiji, Fiji)

12:30-12:50- Economic Resiliency and Food Security in the Marshall Islands Through Polydactylus sexfilis Aquaculture (Kathleen Hicks, Ryan Murashige, Aquaculture Technologies of the Marshall Islands, Republic of the Marshall Islands)

12:50-13:10- Mapping of benthic habitats in Komave, Coral Coast using WorldView-2 satellite imagery (Roselyn Naidu, Frank Muller-Karger, Mathew McCarthy, Anish Maharaj, Michelle Kumar, The University of Auckland, University of South Florida, The University of Fiji, New Zealand)

13:10-14:00- Lunch

14:00- 15:00 (Room: Convention Centre) Plenary Presentations
Chair: Walter Leal

14:00-14:30- Ecosystem-based Adaptation: Review of Constraints
Johanna Nalau, S. Becken, B. Mackey, Griffith University, Australia)

14:30-15:00- Enhancing adaptive capacity and climate change resilience of coastal communities in Yap (Murukesan Krishnapillai, College of Micronesia-FSM, Federated States of Micronesia)

15:00-15:30- Coffee break

15:30- 16:00- Conclusions, hand over of the Awards for the best papers and close.