

# Monday 8<sup>th</sup> July: Opening Ceremony

0845-1020	<p><b>Opening Ceremony, 12th Pacific Science Inter-Congress</b> <b>Chief Guest: His Excellency President Ratu Epeli Nailatikau</b> <b>Welcome addresses from Professor Rajesh Chandra, Vice Chancellor and President, USP and Dr Nancy Lewis, President, PSA</b> fmf Gymnasium</p>
Morning tea	
1100-1200	<p><b>Plenary Address 1: Prof Kiyoshi Kurokawa</b> <b>Science for Human Security and Sustainable Development in the Pacific Islands and Rim</b> fmf Gymnasium</p>
1200-1300	<p><b>Plenary Address 2: Prof Nordin Hasan</b> <b>Future Earth</b> fmf Gymnasium</p>
1300-1320	<p><b>Message from HE Anote Tong, President of Kiribati</b> <b>Regional Issues of the Pacific Islands</b> fmf Gymnasium</p>
Lunch	

# Monday 8<sup>th</sup> July: Afternoon Sessions 1-5

Venue:	AusAID LT1	N111	S024	IS30	New FBE LT
Map Loc:	4	10	12	12	12
1420-1440	<b>Theme 1:</b> Biodiversity, Ecosystem Services, and Resilient Societies <i>G Brodie, W Aalbersberg</i>	<b>Theme 2:</b> Information and Communications Technologies (ICT) for Sustainable Development <i>B Sharma, J Vanualailai</i>	<b>Theme 3:</b> Food, Water, Energy and Health <i>W Aalbersberg, A Raturi</i>	<b>Theme 4:</b> Society, Culture and Gender <i>AM Ratunabuabua, M Rokonadravua</i>	<b>Theme 5:</b> Governance, Economic Development and Public Policy <i>J Saqib, V Naidu, B Prasad</i>
1440 - 1500	Market valuation of nutrients for Ecosystem services for large scale private firms <i>HV Korff</i>	Classification of Pacific Pearls and Clams with Support Vector Machines <i>M Loesdau et al</i>	Food sovereignty on Rapa Nui: A review of the food patterns between 1864 and the present <i>A Seelenfreund, F Ramirez</i>	Performing Arts, Gender and Museums in the Pacific : The Role of Museums in Culture Maintenance <i>T Vunidilo</i>	Trade in Services and Growth of Pacific Island Countries (PICs) <i>K Rai, D Maiti</i>
1500 - 1520	Artificial intelligence methods for problems in systems biology: Metabolic Flux Analysis <i>R Chandra</i>	Vehicle guidance and traffic control system <i>U Mehta et al</i>	Adoption of coffee based farming practices by smallholder coffee growers in PNG <i>B Tiko, A Halim</i>	The Faikava Tonga <i>E Fehoko</i>	A study of public financial management in Samoa <i>P Singh, J Bhati</i>
Afternoon tea					
1600-1620	Sustainable agricultural production landscaping system in Fiji - the way forward <i>A. Prasad et al</i>	Emotional function generation using neutral network <i>DH Kim</i>	Preliminary value chain analysis and value adding of cultured Tilapia ( <i>Oreochromis niloticus</i> ) in Fiji <i>S Bala et al</i>	DNA extraction and amplification from contemporary Polynesian bark-cloth <i>A Seelenfreund</i>	Determinants of Oceanian currency options <i>L RO'I</i>
1620-1640	Floristic biogeography of Fiji <i>S Pene, S Dowling</i>	University–Industry Partnership: A necessary requirement to produce competent engineers for Papua New Guinea <i>J Pumwa</i>	Shelf life prediction of cold-smoked Tilapia <i>J Lako et al</i>	Influence of traditional values on conservation of charismatic animals in Fiji <i>A Bertram</i>	The impact of microcredit on the health system in Bangladesh <i>Y Tseng</i>
1640-1700	Using a species distribution model to identify areas of suitable habitat for an endangered Fijian forest podocarp <i>S Pene et al</i>	Harnessing mobile technology for science communication for sustainable development <i>A Schram</i>	Phosphorous requirements of soils in the Fiji sugarcane belt <i>S Goundar et al</i>	Ethnochemistry and Ethnomedicine of ancient Papua New Guineans <i>B Marasinghe, P Jeyarathan</i>	Trade’s impact on technological progress and efficiency improvement: A case study of seven PICs <i>BC Prasad, H Chen, B Singh</i>
1700-1720	Invasive potential of two non-native plant species in Fiji <i>AR Macanawai</i>	Collaborative conceptual modelling: building community adaptive capacity <i>B Newell</i>	Rural-urban migration in Fiji: A case of declining agriculture and food security <i>S Kumar, S Michael</i>		ANN-based forecasting of Samoa’s currency exchange rate <i>S Ahmed et al</i>

# Monday 8<sup>th</sup> July: Afternoon Sessions 6-10

Venue: **Japan-Pacific ICT**      **AusAID LT2**      **SO25/26**      **AusAID PS**      **FSTE PG Sem Rm**  
 Map Loc: **6**      **4**      **12**      **4**      **20**

1420-1440	<b>Theme 6: Climate Change and Impacts</b> <i>E Holland, S Hemstock</i>	<b>Theme 7: Oceans</b> <i>J Veitayaki, S Pohler</i>	Future Earth Panel Discussion <i>N Hasan, A Raturi</i>	<b>Special Session: Natural Solutions - Building Resilience for a Changing Pacific</b> <i>T Carruthers</i>	
1440 - 1500	Improved understanding of Climate Change science for Pacific Islands <i>B Murphy et al</i>	Eastern and Central Pacific ENSO and their relationships to the recharge/discharge oscillator paradigm <i>A Singh, T Delcroix</i>		Mangrove management in Fiji: a top down approach to co-management <i>N Nand</i>	
1500 - 1520	Processing and monitoring of Climate Change data for coral reefs of the Fiji Islands <i>ADR N'Yeurt et al</i>	The deep chlorophyll maximum in Fiji waters <i>E Anderson, K Urata</i>		Engaging the Pacific in ecosystem based adaptation approaches <i>P Donohoe et al</i>	
Afternoon tea					
1600-1620	Mathematical modeling of carbon sink and emission in rain forests of Papua New Guinea <i>K Neuendorf, B Marasinghe</i>	Establishing a baseline of spinner dolphin acoustic communication within Moon Reef, Fiji Islands <i>S Simpson et al</i>	Future Earth Panel Discussion Contd. <i>N Hasan, A Raturi</i>	Potential of the problematic weed <i>abrus precatorius</i> to control invasive <i>coptotermes gestroi</i> termite in Fiji <i>R Prasad et al</i>	<b>Panel discussion</b> National Violence Against Women Prevalence studies in the Pacific Region - From Data to Action <i>HAFM Jansen, GR Ilolahia, B Takala Abraham, T Tokam, P Chatterier</i>
1620-1640	Analysis of coastline change using remote sensing data in Kosrae, Micronesia <i>HS Park (presented by SH Lee)</i>	Assessment of anthropogenic sources of heavy metal pollution in the Suva coastal environment using multivariate techniques <i>V Chand, S Prasad</i>		Natural solutions - non-climate change related threats to biodiversity and ecosystems <i>B Jefferies</i>	
1640-1700	Relationship between the Southern Oscillation and rainfall in Vanuatu <i>RS Tigona, CR de Freitas</i>	Collaborative Project : Ocean Acidification (OA) monitoring in the Chuuk Lagoon, FSM <i>JH Noh et al</i>		Boosting natural resilience through integrated solid waste management <i>E Richards, D Haynes</i>	
1700-1720	Reproducibility of precipitation over East Asia by CMIP5 models <i>S. Kusunoki</i>	Aspects of carbonate production and beach nourishment in Fiji, SW Pacific <i>SML Pohler et al</i>		The Pacific Islands global Ocean observing system. Science for societal benefit. <i>P Wiles</i>	

# Tuesday 9<sup>th</sup> July: Morning Sessions 1-5

Keynote Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies					
Professor Dieter Mueller-Dombois					
Venue: AusAID Lecture Theatres					
Venue:	AusAID LT1	N111	S024	IS30	New FBE LT
Map Loc:	4	10	12	12	12
0820-0910					
0920-0940	Biodiversity modeling for rock islands in Palau's southern lagoon, world heritage site <b>C Kitalong</b>	Valuing ICTs in the developing Pacific: A human security perspective from Tonga <b>FVM Mafileo</b>	Saline water use for agricultural development in coastal regions of India <b>SK Gupta</b>	Pacific youth in New Zealand and a quarter life crisis? <b>ST Pole</b>	Urbanisation and economic growth in the South Pacific: a study of three Melanesian Countries <b>NS Swami, R Singh, BC Prasad</b>
0940-1000	Using biodiversity and culture to identify forest conservation priorities on Malaïta Island, Solomon Islands <b>EJM Pollard</b>	Cyber security in the Pacific: Battling the dragon in the room <b>S Tamanikawaiwaimaro</b>	Growth performance of tilapia fingerlings ( <i>Oreochromis niloticus</i> ) offered different levels of copra meal with local ingredients as tilapia feed <b>W Nano, J Poiye</b>	Merging archaeology and the local community: Understanding preservation objectives <b>SO Ngirmang, S Kloulubak</b>	Remittance and the macroeconomy in the Pacific Island Countries <b>PK Narayan et al</b>
1000-1020	Raising the bar: recognizing the intricacies of Cultural and Ecological Knowledge (CEK) in natural resource management <b>DF Orchardton</b>	Mobile phones in rural PNG: A transformation in health communication and delivery services in Western Highlands province <b>H Yamo</b>	Distribution and susceptibility of Chinese Red Hibiscus to <i>Erineum</i> mite pest in Upolu and Savaii Islands, Samoa <b>M Mua et al</b>	"Vaka" and "Drua": Cultural sustainability and academic research dissemination <b>V Hereniko</b>	Ma Bhat - roles of foreign direct investment and tourism in the growth of Pacific Island Countries: A panel study: 1995-2011 <b>TK Jayaraman, H Chen</b>
Morning tea. Poster session for Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies (AusAID Lecture Theatres)					
1100-1120	Irrigated ethnoagriculture, livelihood resilience and the Vitokoni ni Vuci Project <b>T King</b>	Challenges in ICT development in Samoa: Recommendations for the way forward <b>ITVC Mow</b>	Organic farming models: blueprint for the Pacific Islands Countries and Territories <b>MM Alagcan, RC Joshi</b>	Faasoa: A Samoan perspective <b>PM Fouvaa, SVA Temese</b>	Does tourism predict macroeconomic performance in Pacific Island Countries? <b>PK Narayan et al</b>
1120-1140	Parallel responses in the bees of the south western Pacific: Implications for early ecosystem development <b>SVC Groom</b>	A systems approach to urban health and wellbeing in the Asia-Pacific Region <b>K Proust, N Hasan</b>	An assessment of the resilience of agricultural systems in coral atolls: A case study of pulaka cultivation Tuvalu <b>M Tekinene et al</b>	Doulul in aj: Weaving empowerment into non-formal spaces <b>BT Abraham</b>	Tourism culture: the hospitality dimension <b>D Harrison</b>
1140-1200	Ectoparasite diversity and host-parasite associations of bats in Mount Makiling, Laguna, Philippines <b>JDV Alvarez et al</b>	Building bridges: Using ICT in ACTS <b>A Anzeg, P Ryland</b>	Tomato leafminer and its natural enemies: Diversity, abundance, and damage in sprayed and unsprayed fields, at Koronivia, Fiji <b>RR Devi et al</b>	Pacific Islanders in California: A linguist's reappraisal <b>P Geraghty</b>	Native Land Act and its impact on indigenous tourism in Fiji: Case study of the Yasawas <b>S Sakai</b>
1200-1220	Release of cytoplasmic incompatible <i>Aedes polynesiensis</i> male mosquitos on Tetiaroa, French Polynesia <b>LK Hapairai et al</b>	Reaching the 'unreached': Bridging the geographical and cognitive gap using ICT <b>A Kaur</b>	Distribution, damage, and management of coconut stick insect pest in selected islands of Fiji <b>AD Deesh et al</b>		An energy consumption and conservation study of Pacific Island Hotels <b>K. Prasad</b>
Lunch					

# Tuesday 9<sup>th</sup> July: Morning Sessions 6-10

Keynote Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies Professor Dieter Mueller-Dombois Venue: AusAID Lecture Theatres					
Venue:	Japan-Pacific ICT	AusAID LT2	SO25/26	AusAID PS	FSTE PG Sem Rm
Map Loc:	6	4	12	4	20
0820-0910					
0920-0940	Projected seasonality in ocean acidification in the Western Pacific region <i>S Nandini</i>	Excavating sponges from the SW Pacific: their biodiversity and role in reef bioerosion <i>SML Pohler</i>	Panel Session: Australia and the Pacific Islands <i>G McCall, H Mueckler, C 'Ilaiu Talei</i>	Special Session: Fragility versus Resilience in Pacific Ecosystems under Global Change: A PABITRA Perspective <i>M Tuiwawa, D Mueller-Dombois</i>	Special Session: Ciguatera fish poisoning in the Pacific, round-table <i>M Skinner</i>
0940-1000	Seasonal prediction of climate extremes for the Pacific <i>Y Kuleshov</i>	Quantitative distribution of reef fishes in Thailand following a severe coral bleaching event <i>M Sutthacheep et al</i>		PABITRA (Samoa) 2003-13: A review of activities and options for moving forward <i>N Tuivavalagi et al</i>	
1000-1020	Trends in mean and extreme rainfall and air temperature in the Western Pacific <i>S McGree et al</i>	Modeling sea-level surge during the impact of the cyclone Oli on the Island of Tubuai <i>J Serafin et al</i>		Resilience in Hawai'i's rainforest under Global Change <i>D Mueller-Dombois</i>	
Morning tea. Poster session for Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies (AusAID Lecture Theatres)					
1100-1120	Climatological evidence of climate change in Fiji <i>R Kumar</i>	Trophic structure of mesophotic coral reef fish assemblages of the Northwestern Hawaiian Islands <i>R Kosaki et al</i>	Special Session: Sustainable aquaculture <i>S Waqairatu</i>	Forest invasion by the African tulip tree in the Hawaiian Islands: Are seedlings shade-tolerant? <i>C Daehler et al</i>	Special Session: Ciguatera fish poisoning in the Pacific, round-table <i>M Skinner</i>
1120-1140	Impacts of ENSO on rainfall and temperatures in Fiji – Evaluation of CCAM downscaling at 60 and 8 km resolutions <i>V Devi</i>	The Phoenix Islands Protected Area: A reference site for global change, resilience, and adaptation <i>R Rotjan et al</i>		Biodiversity Habitat Mapping In Fiji – Lessons Learnt from Recent PABITRA Surveys <i>A Naikatini, HC Wendt</i>	
1140-1200	Age-dating of reef boulder fields on Taveuni Island, Fiji for marine inundation history <i>J Terry, S Etienne</i>	Biodiversity of open-ocean fishes aggregated around FADs in French Polynesia <i>N Loiseau et al</i>		Bird assemblages in the mangroves of the Rewa River Delta, South-East Viti Levu, Fiji <i>A Naikatini</i>	
1200-1220	Weed invasions and biodiversity hotspots <i>L Kumar et al</i>	Bridging resource management in Fiji through building community servicing networks <i>S Meo</i>		Assessing stream health in a watershed under different landuse patters using biological indicators <i>B Rashni et al</i>	
Lunch					

# Tuesday 9<sup>th</sup> July: Afternoon Sessions 1-5

Keynote Theme 2: Information and Communications Technologies (ICT) for Sustainable Development					
<p>1320-1410</p> <p>Venue: <b>AusAID LT1</b>                      <b>N111</b>                      <b>S024</b>                      <b>IS30</b>                      <b>New FBE LT</b></p> <p>Map Loc:                      <b>4</b>                      <b>10</b>                      <b>12</b>                      <b>12</b>                      <b>12</b></p>					
1420-1440	Effect of physical environment on population structure of Pe'eone crab Hippa Pacific Dana in exposed beaches of Hawaii <b>M Lastra et al</b>	Implementing open source software solutions for education in Fiji <b>R Chandra</b>	Fuzzy logic-based control algorithm for hybrid propulsion passenger boat <b>MH Assaf , P Chand</b>	<b>Special Session:</b> Education, Science, Teaching and Learning in the 21ST Century in the Pacific <b>U Baba</b>	Remittance and welfare in the case of Niue <b>R Gounder</b>
1440-1500	New papaya disorder found in Fiji <b>MF Lomavatu et al</b>	SMS-based classroom assessments introduced at USP <b>S Chand, B Sharma</b>	Who shall inherit the mini grids? Examining business and ownership models for PV Hybrid Mini grids <b>J Hazelton</b>	Aoga Amata...e amata i fea, ae faaiu i fea? (Reconceptualising Aoga Amata, where does it start, and where does it end)? <b>F Tagoilelagi-Leota</b>	Pacific Human Security: EU-Pacific partnerships in disaster risk management <b>G Taylor</b>
1500-1520	Study of a Marquesan traditional medicine plant <b>NJ Martin et al</b>	Exploration of mobile technology: Transforming learning and services in the Pacific Region <b>B Sharma et al</b>	Pacific biofuel: Setting up a biofuel testing reference laboratory in Fiji <b>VV Lal ,WGL Aalbersberg</b>	A methodology to access program outcome and impact of program gap assessment <b>G Singh et al</b>	The interaction of actors in natural disaster management in the archipelago of Vanuatu <b>A Vachette</b>
Afternoon tea. Poster session for Theme 2: Information and Communications Technologies for Sustainable Development (Japan-Pacific ICT Centre Foyer)					
1600-1620	Does sea urchin Echinometra mathaei provide microhabitats for some marine species? <b>SNE Tutupoho, M Tsuchiya</b>	Early warning system-innovative student monitoring in an eLearning environment <b>B Sharma et al</b>	Modernizing traditional biomass energy use in the outer-islands of the Pacific Island Region: A case-study of Vaitupu Island, Tuvalu <b>SL Hemstock et al</b>	Optimising Samoan oral proficiency: implications for teaching and learning <b>MA Toloa et al</b>	Assessing policy impact on the smallholder rice based cash crop production systems in Papua New Guinea <b>N Kewa, P Manus</b>
1620-1640	The present status of giant clams on coral reefs in Thailand <b>T Yeemin</b>	Introduction of Tablet Learning in the Pacific Region <b>R Kumar et al</b>	The Magnus Effect and the Flettner Rotor: the potential application for future oceanic shipping <b>P Nuttall</b>	Interrogating indigenous knowledge in science classrooms: Enhancing achievement & Pacific cultures <b>M Dakuidreketi, S Naisilisili</b>	Pacific Island research and development: obstacles, challenges and opportunities <b>NS Tuivavalagi, E Solofa, DC Seng</b>
1640-1700	Very low numbers of endangered humpback whales moving through a historic migration route in the Fiji Islands: 2010-2012 <b>C Miller et al</b>	Connecting the Pacific Region using intelligent classrooms <b>SI Azid, B Sharma</b>	Solodamu: A survey of fuel and transport use in a coastal village on Kadavu, Fiji <b>A Newell et al</b>	Complexities in professional development for teachers in remote and rural terrains <b>S Naisilisili et al</b>	Some Australian initiatives to increase engagement between policy makers and scientists <b>D Trewin</b>
1700-1720	Mangroves of Tonga: baseline mapping and species diversity <b>ST Lepa</b>	ICT in education and e-learning in the South Pacific <b>TU Jitoko</b>	Sailing for sustainability; the potential of sail technology as an adaptation tool for Oceania <b>C Philp et al</b>		

# Tuesday 9<sup>th</sup> July: Afternoon Sessions 6-10

Keynote Theme 2: Information and Communications Technologies (ICT) for Sustainable Development					
<p>1320-1410</p> <p>Venue: <b>Japan-Pacific ICT</b>      <b>AusAID LT2</b>      <b>SO25/26</b>      <b>AusAID PS</b>      <b>FSTE PG Sem Rm</b></p> <p>Map Loc:                      <b>6</b>                      <b>4</b>                      <b>12</b>                      <b>4</b>                      <b>20</b></p>					
<p>1420-1440</p> <p>1440-1500</p> <p>1500-1520</p>					
<p>Afternoon tea. Poster session for Theme 2: Information and Communications Technologies for Sustainable Development (Japan-Pacific ICT Centre Foyer)</p>					
<p>1600-1620</p> <p>1620-1640</p> <p>1640-1700</p> <p>1700-1720</p>					
<p>Standing on Common Ground: Gender and Climate Change Variability in Papua New Guinea <b>A Faiteli</b></p>					
<p>The exploration and exploitation of sea resources in disputed territories with particular focus on the South China Sea <b>FPN Mitchell</b></p>					
<p><b>Special Session: Natural Hazards and Sustainability</b> <b>S Kumar</b></p>					
<p>Freshwater fishes of the PABITRA Landscape Transect in Fiji: fragility &amp; resilience in an island context <b>LKF Copeland et al</b></p>					
<p>Impact of climate change on alpine vegetation in Taiwan <b>CH Chou et al</b></p>					
<p>Traditional management of fish behavior to increase yield in the South Pacific <b>FAJ Hartley</b></p>					
<p>Tracking of tropical cyclones in the South Pacific region using World-Wide Lightning Location Network <b>A Kumar and S Kumar</b></p>					
<p>Using species distribution models for conservation of the endangered Fijian Long-legged Warbler <b>A Naikatini</b></p>					
<p><b>Special Session: Ciguatera fish poisoning in the Pacific, round-table</b> <b>M Skinner</b></p>					
<p><i>In Vivo</i> Salt tolerance of Giant Swamp Taro <i>Cyrtosperma merkusii</i> <b>S Rao</b></p>					
<p>Trends and prospects of KOSOPFF (Korea-South Pacific Fisheries Forum) <b>HP Hong</b></p>					
<p>The meteorite impact in the Pacific region and threat to human security <b>MM Verma</b></p>					
<p>Ensemble species distribution modelling of Coleoptera in Viti Levu, Fiji <b>H Waqa-Sakiti et al</b></p>					
<p>Climate Change and Weed Invasions <b>S Taylor</b></p>					
<p>Seaweed farming and its effects on the livelihood of people on Wagina <b>T Tabe</b></p>					
<p>Study of ULF electromagnetic precursors at Agra associated with earthquakes <b>OP Singh et al</b></p>					
<p>Preliminary checklist of bryophytes within the PABITRA Gateway site, Viti Levu, Fiji <b>M Katafono et al</b></p>					
<p>Species number of vascular plants in the biodiversity hotspots in the Pacific Rim and climate change <b>S Venevsky, I Venevskaia</b></p>					
<p>Fisheries management in Tarawa: An analysis of what is at stake and how to address <b>VR Bidesi</b></p>					
<p>Association of Total Electron Content (TEC) with earthquake M9 Tohoku event at the anomaly crest region on South America. <b>VH Rios et al</b></p>					
<p>The relationship between anthropogenic plants and old village sites <b>M Tuiwawa, E Nakoro</b></p>					
<p>A pilot study on the impact of Climate Change on Fiji's cloud forest <b>S Tuiwawa</b></p>					
<p>Diversity, ethnobiology, conservation status and ecological roles of parrotfishes in a changing world – Case studies of Fiji and Tuvalu <b>T Fong et al</b></p>					
<p>Potential of adapting Fijian traditional housing for housing reconstruction <b>A Fujieda, H Kobayashi</b></p>					
<p>Conservation and management of the endemic Fijian Sago Palm (<i>Metroxylon vitiense</i>) <b>N Thomas et al</b></p>					
<p>Understanding local adaptation and mitigation to climate change: Biodiversity management in Wakatobi Biosphere Reserve, Indonesia <b>Y Purwanto, E Sukara</b></p>					
<p>Adaptation in a Fishing Community in Fiji –towards a resilient community <b>K Udagawa et al</b></p>					
<p>Analysis of tropical cyclone track sinuosity in the South Pacific Region using ARCGIS <b>P Malsale</b></p>					
<p>Two frogs, one tale-species distribution modelling for Fiji's <i>Platymantis</i> <b>T Osbourne</b></p>					
<p><b>Special Session: Ciguatera fish poisoning in the Pacific, round-table</b> <b>M Skinner</b></p>					

# Wednesday 10<sup>th</sup> July: Morning Sessions 1-5

<b>Keynote Theme 3: Food, Water, Energy and Health</b> <b>Judith Ann Francis</b> Venue: AusAID Lecture Theatres					
Venue:	<b>AusAID LT1</b>	<b>N111</b>	<b>S024</b>	<b>IS30</b>	<b>New FBE LT</b>
Map Loc:	<b>4</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>12</b>
0820-0910					
0920-0940	Monitoring of red soil runoff along the Matafa'a Mangrove Conservation Area in Samoa <b>T Imo-Seuoti</b>	Edutainment for an Enhanced Learning Experience(ELE) <b>S Nusair et al</b>	The Pacific Ocean and her communities - Vaka Motu Project <b>S Evans</b>	Su'esu'e Manogi/Vakasaqara na ka e boi vinaka: In search of 'parity' in the University of Auckland's tertiary landscape <b>T Baice, U Nawaqavanua</b>	Video presentation: Food security and sustainable diets: the big challenge for food policy <b>T Lang</b>
0940-1000	Regenerative competence of pseudobulb explants of endangered Orchid genera: a study in vitro <b>V Sharma</b>	The need for Online Mathematics Diagnostics Test (OMDT) at USP <b>R Kumar et al</b>	Traditional reef fish farming in Panamecho village of New Ireland - A sustainable fish farming method for food security <b>W Nano, TE Nano</b>	Towards a critical Samoan discourse analysis <b>A Galuvao</b>	Project planning in the Fijian government <b>O Zwikael et al</b>
1000-1020	Jari buttiya (Indian medicine) as a basis for health security in a rapidly urbanising Pacific: A case study <b>R Shah, R Thaman</b>	Development of agriculture students through ICT in Fiji <b>K Deeksha, HK Sachan</b>	Isolation and purification of algal secondary metabolites with potent anticancer activity <b>SE Motuhi et al</b>	The Savoir-Faire dictionary project: Revitalization through community education <b>M Walworth</b>	Mainstreaming rights and humanitarian action: European Union and the Pacific <b>K Vadura</b>
Morning tea. Poster session for Theme 3: Food, Water, Energy and Health (FBE Courtyard).					
1100-1120	Mainstreaming of Gender concerns in Fiji's National Biodiversity Strategy and Action Plan (NBSAP) <b>R. A Chand</b>	Refresher Programme at USP <b>A Sharma et al</b>	Loto'I Tonga: A community development/health promotion model for Tongans living in urban areas <b>M Ofanoa</b>	Chasing the Micronesian American dream - giving and taking: Chuukese immigrant children experiences of schooling and community in Guam <b>UN-Baba et al</b>	Conflicting and competing discourses: the politics of land and development in post-conflict Cambodia <b>P Tat</b>
1120-1140	Outdoor education is a vehicle for creating environmental sensitivity among students <b>J.Dorovolomo</b>	Supporting sustainable student learning at USP through the use of ePortfolios <b>S Singh et al</b>	Construction of optimum strata and determination of sample size in health survey <b>KG Reddy, MGM Khan</b>	Challenges and recommendations for 'visitors' teaching design in the developing world towards sustainable equitable futures <b>M Jann</b>	Mediation as a tool for economic development and local governance <b>C Jones, JA Kandakasi</b>
1140-1200	Sustainable use of caves in Fiji: a case study from Volivoli Cave, SW Viti Levu Island <b>M Stephens</b>	Emerging ICT integration in Higher Education in the USP Region <b>A D Jokhan</b>	Guam Early Hearing Detection and Intervention (Guam EHDl): Pacific Pioneers In the Identification of Hearing Loss in Infants <b>VA Sablan et al</b>	The learning styles of Micronesian students at the University of Guam <b>L Gamboa et al</b>	Australian policy towards Pacific labour mobility: why recent initiatives have fallen short, and what more is needed <b>S Howes</b>
1200-1220	Crown-of-thorns starfish breaks down 23 years of resilience and induces regime shift in a coral fish assemblage <b>T Lamy</b>			Rating the MBA program at the graduate school of business and employer satisfactions <b>S Ahmed et al</b>	Overseeing and overlooking: Australia's shifting engagement with the Pacific islands <b>J Schultz</b>
Lunch					



# Wednesday 10<sup>th</sup> July: Morning Sessions 6-10

Keynote Theme 3: Food, Water, Energy and Health <i>Judith Ann Francis</i> Venue: AusAID Lecture Theatres						
Venue:	Japan-Pacific ICT	AusAID LT2	SO25/26	AusAID PS	FSTE PG Sem Rm	
Map Loc:	6	4	12	4	20	
0820-0910						
0920-0940	An integrated coastal management plan for Fiji through an integrated bottom-up and top-down approach – Ra Province case-study <b>LA Buliruarua et al</b>	Evaluation of Fiji’s national tuna management compliance system <b>E Ledua et al</b>	Spatial analysis and assessment of urban growth and informal settlements in Honiara City, Solomon Islands <b>R Reuben</b>	Biogeography, ecology, spread and impact of <i>Bactrocerus</i> fruit flies on food and livelihood security and agrobiodiversity in the Pacific Region <b>F Khan, R Thaman</b>	<b>Symposium: Oceans and Nations: Failed States and the Environment in the Pacific</b> <b>M Prasad</b>	
0940-1000	Tuvalu and Climate Change: Building Island Resilience <b>A Resture</b>	Strategizing livelihood practices in the face of fisheries scarcity <b>P Fong et al</b>	Valuing Indigenous ways of knowing for disaster risk management in the Pacific <b>S Prasad</b>	Reversing an ecological collapse: Native habitat restoration and alien invasive plant control in Rapa Nui (Easter Island) <b>J-Y Meyer et al</b>		
1000-1020	Ocean algal afforestation to address climate change issues in the Pacific Region <b>ADR N’Yeurt et al</b>	Linking ecosystem management and sustainable livelihood in Fiji’s coastal communities <b>P Fong et al</b>	Loss and Damage associated with coastal hazards in Kosrae, Micronesia <b>S Abraham</b>	Living pollution: Are Invasive Alien Species (IAS) a greater threat to the Pacific Islands than Climate Change? <b>R Thaman</b>		
Morning tea. Poster session for Theme 3: Food, Water, Energy and Health (FBE Courtyard).						
1100-1120	A comparative analysis of Kiribati and Tuvalu’s climate change adaptation policies and governance <b>AA Chand</b>	Integrated coastal management: the only way to go for sustainable fisheries management in the Pacific Islands <b>J Veitayaki</b>	Climate-induced natural disaster, urban vulnerability and human security in the Pacific cities: Implications to flooding <b>M Mohanty</b>	Rebuilding of indigenous cohort stands after collapse in the Hawaiian rainforest <b>J Boehmer</b>		
1120-1140	A grassroots perspective on raising a new secure, sustainable and climate resilient Pacific generation through the use of relevant climate science <b>V Wichman et al</b>	Economic valuation of coral reef ecosystems in the South Pacific, what are the expected impacts for decision-making? <b>N Pascal</b>	The 2010 Chile Maule earthquake: ecological legacies along the intertidal coast of the fracture zone <b>E Jaramillo</b>	Local knowledge facilitates rapid assessment of the conservation status of iconic tree species <b>G Keppel et al</b>		
1140-1200	A Test of Resilience: Cyclone Evan <b>DC Seng</b>	The threat of emergent coral diseases in the Pacific <b>JC Bythell</b>	Coral evidence for earthquake recurrence, an AD 773 cluster and a 700-year emergence history, Malekula Island, Vanuatu <b>MJ Harrison</b>	A PABITRA perspective summary <b>M Tuiwawa, D Mueller-Dombois</b>		
1200-1220	Adapting to climate change through a “science-religion” approach <b>NS Tuivavalagi</b>		Developing a technique for categorizing tropical cyclone tracks in the South Pacific <b>MGM Khan et al</b>			
Lunch						

# Wednesday 10<sup>th</sup> July: Afternoon Sessions 1-5

Keynote Theme 4: Society, Culture and Gender <i>Mr Walter Ecohawk</i> Venue: AusAID Lecture Theatres					
Venue:	AusAID LT1	N111	S024	IS30	New FBE LT
Map Loc:	4	10	12	12	12
1320-1410					
1420-1440	Preliminary analysis on the termiticidal activity of <i>Allamanda cathartica</i> L. leaf extracts <b>F B V Cadavis, F R M Ladio</b>	<b>Webinar:</b> Connecting biodiversity collections in the Pacific: digitization through DNA barcoding and informatics <b>D Schindel, B Mantle</b>			Security challenges and prospects for effective government in Solomon Islands <b>GL Nanau</b>
1440-1500	Human health security and climate change: investigation of the therapeutic compounds from marine sponge-associated fungi <b>P Maharaj</b>				The 2012 National Elections: Electoral Process & Electoral Administration in Central Bougainville <b>S Menu</b>
1500-1520	Genetic diversity of the endangered giant clam <i>Tridacna maxima</i> and its symbiodinium in French Polynesia <b>V Dubousquet et al</b>				Infertainment <b>N Gopalakrishan</b>
Afternoon tea. Poster Session for Theme 4: Culture and Gender (FBE Courtyard)					
1600-1620	Gonad transcriptome analysis of pearl oyster <i>P. margaritifera</i> : sex and stage specific genes <b>T Vaihiti</b>	<b>Webinar:</b> Connecting biodiversity collections in the Pacific: digitization through DNA barcoding and informatics, contd. <b>D Schindel, B Mantle</b>	<b>Special Session:</b> Coastal zone management in island states <b>Y Lu</b>	<b>Special Session:</b> Women, Science and Human Security <b>N Lewis, Y Inoue-Smith</b>	Governance transformations as an outcome of fisheries adaptive co-management; Torres Strait and Fiji <b>A Tawake et al</b>
1620-1640	Symbiodinium clade dynamics in corals of Moorea (French Polynesia): what's new about Clade D? <b>H. Rouzé</b>		Managing mangroves in the Solomon Islands through the bottom-up approach <b>H Tafea</b>	Assessment of gender equality in the knowledge society Case of Indonesia <b>W Hermawati</b>	Oil price shocks and effectiveness of devaluation in Fiji <b>K Prakash</b>
1640-1700	Hybridization can alter the outcomes of climate change <b>P Lockhart et al</b>		Emerging industry development and emissions of emerging pollutants in the Bohai coastal region of China <b>Y Lu et al</b>	The effect of gender inequality on inclusive growth-case study <b>B Prasad et al</b>	Distribution of mining benefits and urban planning in Northern New Caledonia – a sustainable development? <b>M Kowasch</b>
1700-1720			Temporal sediment dynamics in small undisturbed forested watersheds on tropical islands: a baseline case study from Viti Levu, Fiji <b>AR Ram, JP Terry</b>		Effectiveness of energy policies in PICs: A survey of policies and economic analyses of renewable energy options <b>R Lal</b>
1800-2000					

# Wednesday 10<sup>th</sup> July: Afternoon Sessions 6-10

Keynote Theme 4: Society, Culture and Gender <i>Mr Walter Ecohawk</i> Venue: AusAID Lecture Theatres					
Venue:	Japan-Pacific ICT	AusAID LT2	SO25/26	AusAID PS	FSTE PG Sem Rm
Map Loc:	6	4	12	4	20
1320-1410					
1420-1440	Is gender a missing component for resource management? A case study of Vanuatu <i>R Singh</i>	<b>Special Session:</b> Building resilience through Locally Managed Marine Areas (LMMAs) <i>S Jupiter, W Tan</i>		<b>Special Session:</b> Biodiversity in Melanesia <i>A Allison, SA James</i>	
1440-1500	Framework and tool for incorporating reef resilience into management <i>S Mangubhai</i>	A case study of village-based resource management efforts building a foundation for resilience in the Padaido Islands, Indonesia <i>C Marles</i>		Protected Herbivores Can Prevent Phase Shifts and Strengthen Reef Resiliency <i>F Nainoca</i>	
1500-1520		Weathering the storm: A case study on increasing recovery of coral reef resources in Pohnpei, Micronesia <i>E Joseph, J Anson</i>		Sensory properties highlight <i>V. xtahitensis</i> biodiversity <i>P Raharivelomanana et al</i>	
Afternoon tea. Poster Session for Theme 4: Culture and Gender (FBE Courtyard)					
1600-1620		Protected Herbivores Can Prevent Phase Shifts and Strengthen Reef Resiliency <i>F Nainoca et al</i>	<b>Panel Discussion:</b> Introduction to ECOPAS and its focus on the human dimension of climate change in the Pacific <i>J Veitayaki, E Holland, V Hereniko, N Bingeding, P Rudiak-Gould, C Toren, T Henri T Manuella</i>	Larval host plants and nectar plants preferred by endemic <i>Papilio schmeltzi</i> <i>V Chandra et al</i>	<b>Symposium:</b> Oceans and Nations: Failed States and the Environment in the Pacific <i>M Prasad</i>
1620-1640		Spatial planning tools for Conservation <i>HK Wendt et al</i>		Mangroves of Vanuatu: A synthesis of surveys on species diversity and spatial distribution <i>R Baereleo</i>	
1640-1700		PNG National Learning and Training Network: promoting good practice, sustainability, and resilience in marine areas <i>H Rei</i>		<i>Mucuna (Mucuna cochinchinensis)</i> seed biology study in Viti Levu, Fiji <i>AR Macanawai</i>	
1700-1720		How can "local management" go to national scale?: the role of government <i>H Govan</i>		Ethno mycological survey and biological activities of mushroom extracts against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>JK Nema et al</i>	
1800-2000					<b>Side-event:</b> Locally Managed Marine Area (LMMA) network Tok Story <i>Fiji LMMA network</i>

# Thursday 11<sup>th</sup> July: Morning Sessions 1-5

0820-0910	<b>Keynote Theme 5: Governance, Economic Development and Public Policy</b> <i>Professor Hurriyet Babacan</i> Venue: AusAID Lecture Theatres
0915-1005	<b>Keynote Theme 6: Climate Change and Impacts</b> <i>Professor Elisabeth Holland</i> Venue: AusAID Lecture Theatres

Morning tea. Poster Sessions for Theme 5: Governance, Economic Development and Public Policy (FBE Courtyard) and Theme 6: Climate Change (Japan-Pacific ICT Cen

Venue:	AusAID LT1	N111	S024	IS30	New FBE LT
Map Loc:	4	10	12	12	12
1100-1120	<b>Special Session:</b> Risk management and sustainable use of biodiversity and ecosystem service in coastal ecosystems <i>S Saitoh, M Kaeriyama</i>	<b>Webinar:</b> Connecting biodiversity collections in the Pacific: digitization through DNA barcoding and informatics, contd. <i>D Schindel, B Mantle</i>	Adaptation process of a fishing community in Fiji – towards a resilient community <i>K Udagawa</i>	The adjustment level of rural adolescent students according to their socio-economic status in India: A field study <i>S Mandal</i>	Does Trade in PICs Reduce Poverty? <i>S Kumar</i>
1120-1140	Risks of shipping in the Pacific Islands <i>E Anderson, B Judson</i>		Articulating sustainable development in Gau Island, Fiji: a community-based initiative <i>J Veitayaki</i>	Gender equity: Women in academia <i>M Shah, S Kubuabola</i>	Earnings, employers and caste: An evaluation of caste/ethnic wage differentials in the Nepalese labour market <i>S Jafarey et al</i>
1140-1200	Development and application of Tohoku coastal Web-GIS for supporting recoveries of the Tohoku Earthquake <i>S Saitoh</i>			Land + Gender Equity = \$ + Self sufficiency + Harmony + Security <i>K Sumeo</i>	Governance, Human Security and Public Finance in the Pacific <i>H Nakagawa</i>
1200-1220	Using spatial prioritization tools to strengthen terrestrial conservation and management in Fiji <i>G Wainiqolo et al</i>			The decline of the male breadwinner: Changing gender Relations in Fiji <i>P Chattier</i>	
Lunch					

# Thursday 11<sup>th</sup> July: Morning Sessions 6-10

0820-0910	<p><b>Keynote Theme 5: Governance, Economic Development and Public Policy</b>  <b>Professor Hurriyet Babacan</b>                  Venue: AusAID Lecture Theatres</p>
0915-1005	<p><b>Keynote Theme 6: Climate Change and Impacts</b>  <b>Professor Elisabeth Holland</b>                  Venue: AusAID Lecture Theatres</p>

Morning tea. Poster Sessions for Theme 5: Governance, Economic Development and Public Policy (FBE Courtyard) and Theme 6: Climate Change (Japan-Pacific ICT Centre)

Venue:	Japan-Pacific ICT	AusAID LT2	SO25/26	AusAID PS	FSTE PG Sem Rm
Map Loc:	6	4	12	4	20
1100-1120	<p><b>Workshop: Sustainably Transforming Learning and Teaching through ICTs</b>  <b>D Grewal, I Thomson, S Raturi, A Kedrayate</b></p>	Soft, hard and holistic approaches in reducing the negative impacts and risk of natural disasters in LMMA and non-LMMA communities in Fiji <b>I Korovulavula</b>	<p><b>Special Session: Climate Change and health in the Pacific</b>  <b>L McIver, J Naicker</b></p>	Potential suitability analysis of forest invasive species: piper aduncum in New Ireland province, PNG using maximum entropy model and GIS techniques <b>F Alei</b>	<p><b>Symposium: Oceans and Nations: Failed States and the Environment in the Pacific</b>  <b>M Prasad</b></p>
1120-1140		Detecting the impacts of periodic harvests: A comparison of three common sampling techniques <b>J Goetze</b>	Strengthening health systems as a means of health adaptation to Climate Change- Experiences from the PCCAPHH Fiji project <b>J Naicker et al</b>	Ethnomycological leads to bioactive myco-chemicals in mushrooms from Papua New Guinea <b>SW Wossa, RA Barrow</b>	
1140-1200		Sustaining small-scale fisheries with periodically-harvested closures <b>P Cohen et el</b>	Technology dependence, Climate Change and health <b>K Proust</b>	Seasonal abundances of <i>Bactrocera passiflorae</i> (Froggatt), <i>B. xanthodes</i> (Broun) and <i>B. distincta</i> (Malloch) on Viti Levu <b>L Leweniqila et al</b>	
1200-1220		Results of Basic Management Effectiveness Assessments Across the FLMMA Network <b>R Vave</b>	Managing the health impacts of climate change in the South Pacific: from awareness to action <b>L McIver</b>	Mangrove biodiversity survey of Maramasike Passage, Malaita Province, Solomon Islands <b>H Tafea et al</b>	
Lunch					

# Thursday 11<sup>th</sup> July: Afternoon Sessions 1-5

<b>Keynote Theme 7: Oceans</b> <b>Professor Richard Kenchington</b> Venue: AusAID Lecture Theatres					
Venue:	<b>AusAID LT1</b>	<b>N111</b>	<b>S024</b>	<b>IS30</b>	<b>New FBE LT</b>
Map Loc:	<b>4</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>12</b>
1320-1410					
1420-1440	Geographical distribution and genetic evolution of dengue viruses in the South Pacific <b>M Aubry et al</b>		<b>Workshop: Ecological Climate Diagrams</b> <b>D Mueller-Dombois</b>	Vocational motivation and career consciousness among young women in Japan <b>Y Smith</b>	<b>Panel Discussion:</b> Governance and Delivery of Primary Education in Fiji, Kiribati, Samoa and Solomon Islands: Initial Learnings from the Field <b>G Nanau, V Naidu, A Chantung, T Taoaba, H Nakagawa, D Ruru</b>
1440-1500	The land snail fauna of Rotuma & Cicia Islands (Fiji): conservation and biosecurity imperatives <b>G Brodie</b>			Women in Pacific Islands parliaments: Examining their impact on decision-making <b>A Liki-ChanTung, R Maetala</b>	
1500-1520	A regional biosecurity plan for northern Micronesia and the U.S. State of Hawaii <b>J Stanford, M Seniloli</b>			Polygamy in Enga Province and PNG and its effect on women <b>B Tommbe</b>	
Afternoon tea. Poster Session for Theme 7: Oceans (AusAID Lecture Theatres)					
1600-1620	Sustainability and risk management of chum salmon under changing climate and catastrophic earthquake and tsunami around Japan <b>M Kaeriyama</b>			Gender parity and their relation to Climate Change <b>N Bilimoria</b>	<b>Workshop:</b> Pacific Solution Exchange (PSE): 30-minute 'information and interactive planning' session <b>J Berrell et al</b>
1620-1640	Analysing and modelling social-ecological system using a transdisciplinary framework: a case study <b>P Leenhardt, J Claudet</b>				
1640-1700	Conservation planning for connectivity: aligning social and ecological scales to improve management outcomes <b>R Weeks</b>				
1700-1720	Developing science literacy in the local contexts for a sustainable society of the future <b>N Mima</b>				
1900 Final Conference Dinner, Novotel, Lami					

# Thursday 11<sup>th</sup> July: Afternoon Sessions 6-10

Keynote Theme 7: Oceans <i>Professor Richard Kenchington</i> Venue: AusAID Lecture Theatres						
Venue:	Japan-Pacific ICT	AusAID LT2	SO25/26	AusAID PS	FSTE PG Sem Rm	
Map Loc:	6	4	12	4	20	
1320-1410						
1420-1440	<b>Workshop: Sustainably Transforming Learning and Teaching through ICTs</b> <i>D Grewal, I Thomson, S Raturi, A Kedrayate</i>	Netweavers in Conservation Learning Networks <i>B Goldstein</i>	Climate change adaptation to protect human health in Fiji: health promotion and advocacy perspectives <i>M Kepa et al</i>	Ethnomycological documentation and antibacterial properties of wild mushrooms of Western Highlands, PNG <i>J Anae</i>	<b>Symposium: Oceans and Nations: Failed States and the Environment in the Pacific</b> <i>M Prasad</i>	
1440-1500		Effectiveness of Fiji LMMAs for livelihood benefits. <i>A Tawake</i>	Floods, faeces & fishes: Managing island watersheds for sustainability and public health outcomes <i>A Jenkins et al</i>	A soil seed bank study to investigate the impact of African tulip tree infestation in the high rainfall region of Viti Levu, Fiji <i>R Lagi et al</i>		
1500-1520		Building Torres Strait Islands' resilience by empowering Island communities and stewardship <i>K Bedford et al</i>	Health impacts of climate change in the Pacific: vulnerabilities and adaptation priorities in PICs <i>L McIver</i>	The diversity and community structure of macro-moths in native and exotic forest on Viti Levu, Fiji <i>S Tikoca et al</i>		
Afternoon tea. Poster Session for Theme 7: Oceans (AusAID Lecture Theatres)						
1600-1620	<b>Workshop: Sustainably Transforming Learning and Teaching through ICTs Contd.</b> <i>D Grewal, I Thomson, S Raturi, A Kedrayate</i>	Fostering the foundations of resilience: challenges and responses in the management of Helen Reef, Palau <i>W Andrew, R Victor</i>	Dengue and climate change: Exploring the relationships and risks in Fiji <i>K Oli</i>	Flora of the Rewa River Mangrove, Viti Levu, Fiji Islands <i>S Tuiwawa et al</i>		
1620-1640		Explicitly incorporating socioeconomic criteria and data into marine spatial planning <i>L Rumetna et al</i>	Climate change and conflict in the tropical Pacific: the record from Volivoli Cave, Fiji <i>M Stephens et al</i>	Isolation of potential insect biocontrol agents from Fiji soils <i>S Kour, UR Khurma</i>		
1640-1700		Building resilience in coastal communities and LMMAs: harmonizing disaster risk reduction and climate change <i>JT Cleofe</i>	Climate Change and health in the Pacific: round-up discussion <i>L McIver, J Naicker</i>	Observations on invasive common Indian Mynah ( <i>Acridotheres tristis</i> ): what do they eat? <i>A Prasad, K Christi</i>		
1700-1720		Locally Managed Marine Areas: How Well Are We Doing and What Do We Still Need to Learn? <i>S Jupiter</i>				
1900 Final Conference Dinner, Novotel, Lami						