

12th Pacific Science Inter-Congress Scientific Programme

Monday, 8th July

0845-1100	Opening Ceremony, 12th Pacific Science Inter-Congress fmf Gymnasium								
1100-1200	Plenary Address 1: Prof Nordin Hasan Future Earth fmf Gymnasium								
1200-1300	Plenary Address 2: Prof Kiyoshi Kurokawa Science for Human Security and Sustainable Development in the Pacific Islands and Rim fmf Gymnasium								
1300-1320	Regional Address: President Anote Tong, President of Kiribati Regional Issues of the Pacific Islands fmf Gymnasium								

Lunch

Venue:	AusAID LT1	N111	S024	IS30	New FBE LT	J-P ICT MPT	AusAID LT2	SO25/26	AusAID PT
1420-1440	Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies <i>G Brodie, W Aalbersberg</i>	Theme 2: Information and Communications Technologies for Sustainable Development <i>B Sharma, J Vanualailai</i>	Theme 3: Food, Water, Energy and Health <i>W Aalbersberg, A Raturi</i>	Theme 4: Culture and Gender <i>AM Ratunabuabua, M Rokonadravua</i>	Theme 5: Governance, Economic Development and Public Policy <i>J Saqib, V Naidu, B Prasad</i>	Theme 6: Climate Change <i>E Holland, S Hemstock</i>	Theme 7: Oceans <i>J Veitayaki, S Pohler</i>		Special Session: Natural Solutions – Building Resilience for a Changing Pacific <i>T Carruthers</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>	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>	Future Earth Workshop <i>N Hassan, A Raturi</i>	Building Torres Strait Islands' resilience by empowering Island communities and stewardship <i>K Bedford et al</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 Papua New Guinea <i>B Tiko, A Halim</i>	The Faikava Tonga <i>E Fehoko</i>	A study of public financial management of Samoa <i>P. Singh</i>	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>		Mangrove management in Fiji: a top down approach to co-management <i>N Nand</i>

Afternoon tea

1600-1620	Sustainable agricultural production landscaping system in Fiji – the way forward <i>A. Prasad et al</i>	University-Industry Partnership: A necessary requirement to produce competent engineers for Papua New Guinea <i>J Pumwa</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 ROI</i>	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 (<i>Stenella longirostris</i>) acoustic communication within Moon Reef, Fiji Islands <i>S Simpson et al</i>		Engaging the Pacific in ecosystem based adaptation approaches <i>P Donohoe et al</i>
1620-1640	Floristic biogeography of Fiji <i>S Dowling</i>	Harnessing mobile technology for science communication for sustainable development <i>A Schram</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>	Analysis of Coastline Change Using Remote Sensing Data in Kosrae, Micronesia <i>H Park</i>	Aspects of carbonate production and beach nourishment in Fiji, SW Pacific <i>SML Pohler et al</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>
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>	Collaborative conceptual modelling: building community adaptive capacity <i>B Newell</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>	A study of public financial management in Samoa <i>P Singh, J Bhati</i>	Relationship between the Southern Oscillation and rainfall in Vanuatu <i>RS Tigona, CR de Freitas</i>	Biofouling in Pearl Oyster, does it affect growth performance? <i>E Lacoste et al</i>	Future Earth Workshop Contd. <i>N Hassan, A Raturi</i>	Natural solutions – non-climate change related threats to biodiversity and ecosystems <i>B Jefferies</i>
1700-1720	Biodiversity modeling for rock islands in Palau's southern lagoon, world heritage site <i>C Kitalong</i>	Valuing ICTs in the developing Pacific: A human security perspective from Tonga <i>FVM Mafileo</i>	Rural-Urban Migration in Fiji: A Case of Declining Agriculture and Food Security <i>S Kumar, S Michael</i>	Pacific Youth in New Zealand and a Quarter Life Crisis? <i>ST Pole</i>	Trade's impact on technological progress and efficiency improvement: A case study of seven Pacific Island Countries <i>BC Prasad, H Chen, B Singh</i>	Reproducibility of precipitation over East Asia by CMIP5 models <i>S. Kusunoki</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>

Tuesday, 9th July

0820-0920	Keynote Theme 1: Biodiversity, Ecosystem Services, and Resilient Societies <i>Professor Dieter Mueller-Dombois</i> Venue: AusAID Lecture Theatres								
0920-0940	Using biodiversity and culture to identify forest conservation priorities on Malaita Island, Solomon Islands <i>EJM Pollard</i>	Mobile phones in rural Papua New Guinea: A transformation in health communication and delivery services in western highlands province <i>H Yamo</i>	Saline water use for agricultural development in coastal regions of India <i>SK Gupta</i>	Merging Archaeology and the Local Community: Understanding Preservation Objectives <i>SO Ngirmang, S Kloulubak</i>	ANN-based forecasting of Samoa's currency exchange rate <i>S Ahmed et al</i>	Projected seasonality in ocean acidification in the Western Pacific region <i>S Nandini</i>	Quantitative distribution of reef fishes in Thailand following a severe coral bleaching event <i>M Suthacheep et al</i>	Special Session: Ciguatera <i>M Skinner</i>	The Pacific Islands global Ocean observing system. Science for societal benefit. <i>P Wiles</i>
0940-1000	Parallel responses in the bees of the south western Pacific: Implications for early ecosystem development <i>SVC Groom</i>	Challenges in ICT Development in Samoa: Recommendations for the way forward <i>ITVC Mow</i>	Growth performance of tilapia fingerlings (<i>Oreochromis niloticus</i>) offered different levels of copra meal with local ingredients as tilapia feed	"Vaka" and "Drua": Cultural Sustainability and Academic Research Dissemination. <i>V Hereniko</i>	Ma Bhat – roles of foreign direct investment and tourism in the growth of Pacific Island Countries: A panel study: 1995-2011 <i>TK Jayaraman, H Chen</i>	Climatological evidence of climate change in Fiji <i>R Kumar</i>	Excavating sponges from the SW Pacific: their biodiversity and role in reef bioerosion <i>SML Pohler</i>	Ciguatera fish poisoning in the Pacific <i>M Skinner et al</i>	

1000-1020	Two frogs, one tale-species distribution modelling for Fiji's platymantis <i>T Osbourne</i>	A Systems Approach to Urban Health and Wellbeing in the Asia-Pacific Region <i>K Proust, N Hasan</i>	Distribution and Susceptibility of Chinese Red Hibiscus to Erineum Mite Pest in Upolu and Savaii Islands, Samoa <i>M Mua et al</i>	Faaso: A Samoan Perspective <i>PM Fouvaa, SVA Temese</i>	Urbanisation and economic growth in the South Pacific: a study of three Melanesian Countries <i>NS Swami, R Singh, BC Prasad</i>	Impacts of ENSO on rainfall and temperatures in Fiji – Evaluation of CCAM downscaling at 60 and 8 km resolutions <i>V Devi</i>	Understanding the Sediment System Lifuka, Ha'apai, Kingdom of Tonga <i>Z Begg et al</i>	A traditional plant remedy against Ciguatera fish poisoning <i>F Rossi et al</i>	
Morning tea									
1100-1120	Ectoparasite diversity and host-parasite associations of bats (Mammalia: Chiroptera) in Mount Makiling, Laguna, Philippines <i>JDV Alvarez et al</i>	Building Bridges: Using ICT in ACTS <i>A Anzeg, P Ryland</i>	Organic Farming Models: Blue Print for the Pacific Islands Countries and Territories <i>A Alagcan</i>	Doulul in aj: Weaving empowerment into non-formal spaces <i>BT Abraham</i>	Remittance and the macroeconomy in the Pacific Island Countries <i>P K Narayan et al</i>	Seasonal prediction of climate extremes for the Pacific <i>Y Kuleshov</i>	Modeling sea-level surge during the impact of the cyclone Oli on the Island of Tubuai <i>J Serafin et al</i>	Special Session: Ciguatera Round-table discussion <i>M Skinner</i>	Special Session: Coastal zone management in island states <i>Y Lu</i>
1120-1140	Release of Cytoplasmic incompatible Aedes polynesiensis male mosquitos on Tetiaroa, French Polynesia <i>LK Hapairai et al</i>	Reaching the 'Unreached': Bridging the Geographical and Cognitive Gap Using ICT <i>A Kaur</i>	Tomato Leafminer and its Natural Enemies: Diversity, Abundance, and Damage in Sprayed and Unsprayed Fields, at Koronivia, Fiji <i>RR Devi et al</i>	Special Session: Education, Science, Teaching and Learning in the 21ST Century in the Pacific <i>U Baba</i>	Does tourism predict macroeconomic performance in Pacific Island Countries? <i>PK Narayan et al</i>	Trends in mean and extreme rainfall and air temperature in the Western Pacific <i>S McGree et al</i>	Trophic structure of mesophotic coral reef fish assemblages of the Northwestern Hawaiian Islands <i>R Kosaki et al</i>		Managing mangroves in the Solomon Islands through the bottom-up approach <i>H Tafea</i>
1140-1200	Effect of physical environment on population structure of Pe'eone crab Hippa Pacific Dana in exposed beaches of Hawaii <i>M Lastra et al</i>	Implementing Open Source Software solutions for education in Fiji <i>R Chandra</i>	Distribution, Damage, and Management of coconut stick insect pest in selected islands of Fiji <i>AD Deesh et al</i>	Aoga Amata..e amata i fea, ae faaiu i fea? (Reconceptualising Aoga Amata, where do does it start, and where does it end?) <i>F Tagoilelagi-Leota</i>	Remittance and welfare in the case of Niue <i>R Gounder</i>	Weed Invasions and Biodiversity Hotspots <i>L Kumar et al</i>	The Phoenix Islands Protected Area: A reference site for global change, resilience, and adaptation <i>R Rotjan et al</i>		Emerging industry development and emissions of emerging pollutants in the Bohai coastal region of China <i>Y Lu et al</i>
1200-1220	New Papaya Disorder Found in Fiji <i>MF Lomavatu et al</i>	ICT in Education and eLearning in the South Pacific <i>TU Jitoko</i>	Cassava as a key to food security in Fiji <i>HK Sachan</i>	A methodology to access program outcome and impact of program gap assessment <i>G Singh et al</i>	Pacific Human Security: EU-Pacific partnerships in disaster risk management <i>G Taylor</i>	Standing on Common Ground: Gender and Climate Change Variability in Papua New Guinea <i>A Faiteli</i>	Biodiversity of open-ocean fishes aggregated around FADs in French Polynesia <i>N Loiseau et al</i>		Temporal sediment dynamics in small undisturbed forested watersheds on tropical islands: a baseline case study from southern Viti Levu island, Fiji <i>AR Ram, JP Terry</i>
Lunch									
1320-1420	Keynote Theme 2: Information and Communications Technologies for Sustainable Development <i>Professor Abtar Kaur</i> Venue: AusAID Lecture Theatres								
1420-1440	Study of a Marquesan traditional medicine plant <i>NJ Martin</i>	Exploration of mobile technology: Transforming learning and services in the Pacific Region <i>B Sharma et al</i>	Vaevae manava: Context and perception of food security for Tongan mother and health workers in South Auckland <i>L Ahio</i>	Optimising Samoan oral proficiency: implications for teaching and learning <i>MA Toloa et al</i>	The interaction of actors in natural disaster management in the archipelago of Vanuatu <i>A Vachette</i>	Impact of climate change on alpine vegetation in Taiwan <i>CH Chou et al</i>	Bridging Resource Management in Fiji through Building Community Servicing Networks <i>S Meo</i>		Adaptation Process of A Fishing Community In Fiji –Toward A Resilient Community <i>K Udagawa</i>
1440-1500	Mangroves of Tonga: baseline mapping and species diversity <i>ST Lepa</i>	Early Warning System-Innovative Student Monitoring in an eLearning Environment <i>B Sharma et al</i>	Context and perception of food security for Tongan mothers and health workers in South Auckland <i>K Sumeo et al</i>	Interrogating Indigenous Knowledge in Science Classrooms: Enhancing Achievement & Pacific Cultures <i>M Dakuidreketi, S Naisilisili</i>	USPNet – as Regional Political Will for Development of their Human Resources <i>R Hayakawa</i>	Temporary refugia for coral reefs in an era of climate change and ocean acidification <i>R Hooionk et al</i>	The Exploration and Exploitation of Sea Resources in Disputed Territories with Particular Focus on the South China Sea <i>FPN Mitchell</i>		Articulating sustainable development in Gau Island, Fiji: a community-based initiative <i>J Veitayaki</i>
1500-1520	The present status of giant clams on coral reefs in Thailand <i>T Yeemin</i>	Introduction of Tablet Learning in the Pacific Region <i>R Kumar et al</i>	Microbiological assessment of potential water borne pathogens in fresh water springs in Samoa <i>F Latu et al</i>	Complexities in professional development for teachers in remote and rural terrains <i>S Naisilisili et al</i>	Assessing policy impact on the smallholder rice based cash crop production systems in Papua New Guinea <i>N Kewa, P Manus</i>	In Vivo Salt tolerance of Giant Swamp Taro <i>Cyrtosperma merkusii</i> <i>S Rao</i>	Traditional management of fish behavior to increase yield in the South Pacific <i>FAJ Hartley</i>		
Afternoon tea									
1600-1620	Very low numbers of Endangered Oceania humpback whales moving through a historic migration route in the Fiji Islands: 2010-2012 <i>C Miller et al</i>	Connecting the Pacific Region using intelligent classrooms <i>SI Azid, B Sharma</i>	Fuzzy Logic-based Control Algorithm for Hybrid Propulsion Passenger Boat <i>MH Assaf, P Chand</i>	Developing KPIs for the Papua New Guinea University of Technology <i>MA Satter</i>	Pacific Island research and development: obstacles, challenges and opportunities <i>NS Tuivavalagi, E Solofa, DC Seng</i>	Climate Change and Weed Invasions <i>S Taylor</i>	Trends and prospects of KOSOPFF (Korea-South Pacific Fisheries Forum) <i>HP Hong</i>	Special Session: Sustainable aquaculture <i>M Nair</i>	Special Session: Biodiversity in Melanesia <i>A Allison</i>
1620-1640	A soil seed bank study to investigate the impact of African tulip infestation in the high rainfall region of Viti Levu, Fiji <i>R Lagi et al</i>	Edutainment for an Enhanced Learning Experience(ELE) <i>S Nusair et al</i>	Who shall inherit the mini grids? Examining business and ownership models for PV Hybrid Mini grids <i>J Hazelton</i>	From 'telling' to critical thinking for Pacific student success <i>A Toloa et al</i>	Some Australian initiatives to increase engagement between policy makers and scientists <i>D Trewin</i>	Destroying reefs for local community: range expansions of tropical organisms in Korea <i>SW Kim</i>	Seaweed farming and its effects on the livelihood of people on Wagina <i>T Tabe</i>	Sustainable Aquaculture Technologies in the US Affiliated Pacific Islands <i>MR Nair</i>	Protected Herbivores Can Prevent Phase Shifts and Strengthen Reef Resiliency <i>F Nainoca</i>
1640-1700	Does sea urchin Echinometra mathaei provide microhabitats for some marine species? <i>SNE Tutupoho, M Tsuchiya</i>	The need for Online Mathematics Diagnostics Test (OMDT) at USP <i>R Kumar et al</i>	The Magnus Effect and the Flettner Rotor: the potential application for future Oceanic Shipping <i>P Nuttall</i>	Towards a critical Samoan discourse analysis <i>A Galuvao</i>	Project planning in the Fijian government <i>O Zwiakael et al</i>	Impact of climate change on alpine vegetation in Taiwan <i>CH Chou et al</i>	Fisheries Management in Tarawa: An analysis of what is at stake and how to address <i>VR Bidesi</i>	Workshop: Sustainable aquaculture <i>M Nair</i>	Sensory properties highlight <i>V. x tahitensis</i> biodiversity <i>P Raharivelomanana et al</i>
1700-1720	Use of Intertidal Mangrove by Juvenile Fishes: the Case of Mae Klong Estuary, Inner Gulf of Thailand <i>S Premcharoen</i>	Development of agriculture students through Information and Communication Technology in Fiji <i>K Deeksha, HK Sachan</i>	Sailing for sustainability: the potential of sail technology as an adaptation tool for Oceania <i>C Philp et al</i>	Technology Integration for Educators: A Micronesian Case Study <i>J Cyrus</i>	Mainstreaming rights and humanitarian action: European Union and the Pacific <i>K Vadura</i>	Species number of vascular plants in the biodiversity hotspots in the Pacific Rim and climate change <i>S Venevsky, I Venevskaia</i>	Adaptation in a Fishing Community in Fiji –towards a resilient community <i>K Udagawa_ et al</i>		Isolation of potential insect biocontrol agents from Fiji soils <i>S Kour, UR Khurma</i>

Wednesday, 10th July

0820-0920

Keynote Theme 3: Food, Water, Energy and Health
Judith Ann Francis
Venue: AusAID Lecture Theatres

0920-0940	Monitoring of Red Soil runoff along the Matafa'a Mangrove Conservation Area in Samoa <i>T Imo-Sauoti</i>	Refresher Programme at USP <i>A Sharma et al</i>	Modernizing traditional biomass energy use for improved energy and food security in the outer-islands of the Pacific Island Region: A case-study of Vaitupu Island, Tuvalu	The Savoir-Faire dictionary project: Revitalization through community education <i>M Walworth</i>	Conflicting and competing discourses: the politics of land and development in post-conflict Cambodia <i>P Tat</i>	A pilot study to the Impact of Climate Change on Fiji's Cloud Forest <i>S Tuiwawa, E Sukara</i>	Integrated coastal management: the only way to go for sustainable fisheries management in the Pacific Islands <i>J Veitayaki</i>	Special Session: Natural Hazards and Sustainability <i>S Kumar</i>	Larval host plants and nectar plants preferred by endemic Papilio schmeltzi <i>V Chandra et al</i>
0940-1000	Regenerative competence of Pseudobulb explants of endangered Orchid genera: a study in vitro <i>V Sharma</i>	Emerging ICT integration in Higher Education in the USP Region <i>A D Jokhan</i>	Pacific Biofuel: Setting up a biofuel testing reference laboratory in Fiji <i>VV Lal, WGL Aalbersberg</i>	Chasing the Micronesian American Dream- Giving and Taking: Chuukese 1st and 2nd generation Immigrant children experiences of schooling and community in Guam, USA. <i>UN-Baba et al</i>	Mediation as a tool for economic development and local governance <i>C Jones, JA Kandakasi</i>	Understanding Local Society Adaptation to Climate Change and Implications for Mitigation: Biodiversity Management in Wakatobi Biosphere Reserve, Indonesia <i>Y Purwanto, E Sukara</i>	Economic valuation of coral reef ecosystems in the South Pacific, what are the expected impacts for decision-making? <i>N Pascal</i>	Tracking of tropical cyclones in the South Pacific region using World-Wide Lightning Location Network <i>A Kumar and S Kumar</i>	Mangroves of Vanuatu: A synthesis of surveys on species diversity and spatial distribution <i>R Baereleo</i>
1000-1020	Changes in the properties of Fijian oxisols over 30 years of sugarcane cultivation <i>R J Morrison and J S Gawander</i>		Solodamu: A Survey of Fuel and Transport Use in a Coastal Village on Kadavu, Fiji <i>A Newell et al</i>	Challenges and Recommendations for 'Visitors' Teaching Design in the Developing World towards Sustainable Equitable Futures: Four Divided Nations <i>M Jann</i>	Security Challenges and Prospects for Effective Government in Solomon Islands <i>GL Nanau</i>	Development of an Integrated Coastal Management Plan for Fiji through the Bottom Up and Top-Down Integrated Approach - Ra Province Case-Study <i>LA Buliruarua et al</i>		The meteorite impact in the Pacific region and threat to human security <i>MM Verma</i>	Mucuna (<i>Mucuna cochinchinensis</i>) seed biology study in Viti Levu, Fiji <i>AR Macanawai</i>
Morning tea									
1100-1120	Mainstreaming of Gender concerns in Fiji's National Biodiversity Strategy and Action Plan (NBSAP) <i>R. A Chand</i>	D.Cipher Workshop Transdisciplinary collaboration between natural and social scientists, policy makers, community leaders, and other stakeholders <i>M Cornelius, Z Johnson</i>	The Pacific Ocean and her communities - Vaka Motu Project <i>S Evans</i>	Culture, society and learning via Narrativity for Sustainable Micronesian societies: Pathways to Learning <i>M Artero</i>	Overseeing and overlooking: Australia's shifting engagement with the Pacific islands <i>J Schultz</i>	Tuvalu and Climate Change: Building Island Resilience <i>A Resture</i>	Special Session: Building resilience through Locally Managed Marine Areas (LMMAs) <i>S Jupiter</i>	Study of ULF electromagnetic precursors at Agra associated with earthquakes <i>OP Singh et al</i>	Ethno mycological survey and biological activities of mushroom extracts against Escherichia coli and Staphylococcus aureus. <i>JK Nema et al</i>
1120-1140	Reversing an Ecological Collapse: Native Habitat Restoration and Alien Invasive Plant Control in Rapa Nui (Easter Island) <i>J-Y Meyer et al</i>		Isolation and purification of algal secondary metabolites with potent anticancer activity <i>SE Motuhi et al</i>	The learning styles of Micronesian students at the University of Guam <i>L Gamboa et al</i>	The 2012 National Elections: Electoral Process & Electoral Administration in Central Bougainville <i>S Menu</i>	Ocean Algal Afforestation to Address Climate Change Issues in the Pacific Region <i>ADR N' Yeurt et al</i>	Locally Managed Marine Areas: How Well Are We Doing and What Do We Still Need to Learn? <i>S Jupiter</i>	Association of Total Electron Content (TEC) with earthquake M9 Tohoku event at the anomaly crest region on South America. <i>VH Rios et al</i>	Potential suitability analysis of forest invasive species: piper aduncum in New Ireland province, Papua New Guinea using maximum entropy model and GIS techniques <i>F Alei</i>
1140-1200	Outdoor education is a vehicle for creating environmental sensitivity among students <i>J.Dorovolomo</i>		Loto'I Tonga: A community development/health promotion model for Tongans living in urban areas <i>M Ofanoa</i>	Rating the MBA program at the graduate school of business and employer satisfactions <i>S Ahmed et al</i>	Native Land Act and its Impact on Indigenous Tourism in Fiji: Case Study of the Yasawas <i>S Sakai</i>	The Governance of Climate Change Adaptation: a comparative analysis of Kiribati and Tuvalu's Climate Change adaptation Policies and Governance <i>AA Chand</i>	From One Island to Many: A case study of village-based resource management efforts building a foundation for resilience in the Padaido Islands, Biak, Papua, Indonesia <i>C Marles</i>	Potential of adapting Fijian traditional housing for housing reconstruction <i>A Fujieda, H Kobayashi</i>	Ethnomycological leads to bioactive myco-chemicals in mushrooms from Papua New Guinea <i>SW Wossa, RA Barrow</i>
1200-1220	Sustainable use of caves in Fiji: a case study from Volivoli Cave, SW Viti Levu Island <i>M Stephens</i>		Challenges facing outreach clinic in West Nusa Tenggara, Indonesia: Result of a Qualitative Study <i>MTPL Kusumi, S Helmyati</i>	Preferred learning styles of Pacific graduate students: A preliminary study at the University of the South Pacific <i>M Dakuidreketi et al</i>	Infertainment <i>N Gopalakrishan</i>	A grassroots perspective on raising a new secure, sustainable and climate resilient Pacific generation through the use of relevant climate science	Weathering the Storm: A case study on increasing recovery of coral reef resources in Pohnpei, Micronesia <i>E Joseph, J Anson</i>	Analysis of Tropical Cyclone Track Sinuosity in the South Pacific Region using ARCGIS <i>P Malsale</i>	Seasonal Abundances of <i>Bactrocera passiflorae</i> (Froggatt), <i>B. xanthodes</i> (Broun) and <i>B. distincta</i> (Malloch) on Viti Levu <i>L Leweniqila et al</i>
Lunch									
1320-1420	Keynote Theme 4: Culture and Gender <i>Mr Walter Ecohawk</i> Venue: AusAID Lecture Theatres								
1420-1440	The Consortium of Pacific Herbaria <i>MB Thomas et al</i>	D.Cipher Workshop, contd. Transdisciplinary collaboration between natural and social scientists, policy makers, community leaders, and other stakeholders <i>M Cornelius, Z Johnson</i>	Guam Early Hearing Detection and Intervention (Guam EHD): Pacific Pioneers In the Identification of Hearing Loss in Infants <i>VA Sablan et al</i>	Special Session: Women, Science and Human Security <i>N Lewis, Y Inoue-Smith</i>	Europe and Asia: Governance, sociological constructivism and society <i>G Toth</i>	A Test of Resilience: Cyclone Evan <i>DC Seng</i>	Protected Herbivores Can Prevent Phase Shifts and Strengthen Reef Resiliency <i>F Nainoca et al</i>	Spatial analysis and assessment of urban growth and informal settlements in Honiara City, Solomon Islands <i>R Reuben</i>	Mangrove biodiversity survey of Maramasike Passage, Malaita Province, Solomon Islands <i>H Tafea et al</i>
1440-1500	Special Session: Risk management and sustainable use of ecosystems <i>S Saitoh</i>		Mercury (Hg) in the Environment of Tutuila, American Samoa <i>PJ Peshut, RJ Morrison</i>	Assessment of Gender Equality in the Knowledge Society Case of Indonesia <i>W Hermawati</i>	Special Session: Oceans and Nations <i>M Prasad</i>	The Environmental Assistance Principle A solution for the Pacific Small Island States <i>HR Lallemand</i>	Spatial planning tools for Conservation <i>HK Wendt et al</i>	Valuing Indigenous ways of knowing for disaster risk management in the Pacific <i>S Prasad</i>	Ethnomycological documentation and antibacterial properties of selected wild mushrooms of Western Highlands Province in Papua New Guinea <i>J Anae</i>
1500-1520	Risks of shipping in the Pacific Islands <i>E Anderson, B Judson</i>		Traditional reef fish farming method in Panamecho village of New Ireland- A sustainable and environmentally friendly fish farming method for food security. <i>W Nano, TE Nano</i>	The effect of gender inequality on inclusive growth-case study <i>B Prasad et al</i>	Here Today Gone Tomorrow' <i>V Taule'alo, A Alo Va'ai</i>	Adapting to climate change through a "science-religion" approach <i>NS Tuivavalagi</i>	PNG National Learning and Training Network: promoting good practice, sustainability, and resilience in marine areas through training, learning, and sharing <i>H Rei</i>	Loss and Damage associated with coastal hazards in Kosrae, Micronesia <i>S Abraham</i>	A soil seed bank study to investigate the impact of African tulip tree (<i>Spathodea campanulata</i> Beauv.) infestation in the high rainfall region of Viti Levu, Fiji <i>R Lagi et al</i>
Afternoon tea									
1600-1620	Development and application of Tohoku coastal Web-GIS for supporting recoveries of the Tohoku Earthquake <i>S Saitoh</i>		The adjustment level of rural adolescent students according to their socio-economic status in India: A field study <i>S Mandal</i>	Gathering in the Dark and Putting Down Roots: Kaona in Contemporary Kanaka Maoli Literature <i>BN McDougall</i>	Is gender a missing component for resource management? A case study of Vanuatu <i>R Singh</i>	How can "local management" go to national scale?: the role of government <i>H Govan</i>	Climate-induced natural disaster, urban vulnerability and human security in the Pacific cities: Implications to flooding <i>M Mohanty</i>	The diversity and community structure of macro-moths in native and exotic forest on Viti Levu, Fiji <i>S Tikoca et al</i>	
1620-1640	Sustainability and risk management of chum salmon under the changing climate and catastrophic earthquake and tsunami in coastal ecosystems around Japan <i>M Kaeriyama</i>		Gender equity: Women in academia <i>M Shah, S Kubuabola</i>	Writing from an Endangered Poetics: Invasive Species, Ecological Colonialism, and the Cultures of Extinction in Guahan (Guam) <i>CS Perez</i>	Framework and tool for incorporating reef resilience into management <i>S Mangubhai</i>	Soft, hard and holistic approaches in reducing the negative impacts and risk of natural disasters in LMMA and non-LMMA communities in Fiji <i>J Korovulavula</i>	The 2010 Chile Maule earthquake: ecological legacies along the intertidal coast of the fracture zone <i>E Jaramillo</i>	Flora of the Rewa River Mangrove, Viti Levu, Fiji Islands <i>S Tuiwawa</i>	

1640-1700	Using spatial prioritization tools to help strengthen terrestrial conservation and management across Mt. Navotuvotu – Mt Kasi Corridor <i>G Wainiqolo et al</i>		Land + Gender Equity = \$ + Self sufficiency + Harmony + Security <i>K Sumeo</i>	Genealogics of Āina: Kinolau and Kaona <i>SY Najita</i>	Integrating climate change adaptation and disaster risk management at community <i>H Jascot des Combes et al</i>	Detecting the impacts of periodic harvests: A comparison of three common sampling techniques <i>J Goetze</i>	Coral evidence for earthquake recurrence, an AD 773 cluster and a 700-year emergence history at northwest Malekula Island, Vanuatu <i>MJ Harrison</i>	Special Session: Fragility versus Resilience in Pacific Ecosystems under Global Change: A PABITRA Perspective <i>M Tuiwawa</i>
1700-1720	A regional biosecurity plan for northern Micronesia and the U.S. State of Hawaii <i>J Stanford, M Seniloli</i>		The Decline of the Male Breadwinner: Changing Gender Relations in Fiji <i>P Chatter</i>	Assessment of anthropogenic sources of heavy metal pollution in the Suva coastal environment using multivariate statistical techniques <i>V Chand, S Prasad</i>		Building resilience in coastal communities and LMMAs: harmonizing disaster risk reduction and climate change <i>JT Cleofe</i>	Developing a Technique for Categorizing Tropical Cyclone Tracks in the South Pacific <i>MGM Khan et al</i>	Using species distribution models for conservation of the endangered Fijian Long-legged Warbler <i>A Naikatini</i>

Thursday, 11th July

0820-0920	Keynote Theme 5: Governance, Economic Development and Public Policy <i>Professor Hurriyet Babacan</i> Venue: AusAID Lecture Theatres							
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0920-1020	Keynote Theme 6: Climate Change <Speaker TBC> Venue: AusAID Lecture Theatres							
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Morning tea

1100-1120	The land snail fauna of Rotuma & Cicia Islands (Fiji): conservation and biosecurity imperatives <i>G Brodie</i>		Vocational Motivation and Career Consciousness among Young Women in Japan <i>Y Smith</i>	Special Session: Sustaining small and vulnerable economies <i>B Prasad</i>	Workshop: Use of ICTs for sustainable development: The case of Primary Schools of Fiji <i>D Grewal, I Thomson; SOE-FALE</i>	Results of Basic Management Effectiveness Assessments Across the FLMMA Network <i>R Vave</i>	Special Session: Climate Change and health in the Pacific <i>L McIver</i>	Bird assemblages in the mangroves of the Rewa River Delta, South-East Viti Levu, Fiji <i>A Naikatini</i>
1120-1140	Analysing and modelling social-ecological system using a transdisciplinary framework: a case study from the Moorea Lagoon, French Polynesia <i>P Leenhardt, J Claudet</i>		Women in Pacific Islands Parliaments: Examining their Impact on Decision-making-Women in Pacific Islands Parliaments: Examining their Impact on Decision-making <i>A Liki-ChanTung, R Maetala</i>	Governance transformations as an outcome of fisheries adaptive co-management (ACM) in Torres Strait and Fiji <i>Alifereti Tawake et al</i>		Effectiveness of Fiji LMMAs for livelihood benefits. <i>A Tawake</i>	Strengthening Health Systems as a Means of Health Adaptation to Climate Change- Experiences from the PCCAPHH Fiji Project. <i>J Naicker et al</i>	Assessing stream health in a watershed under different landuse patters using biological indicators <i>B Rashni et al</i>
1140-1200	Conservation planning for connectivity: aligning social and ecological scales to improve management outcomes <i>R Weeks</i>		Polygamy in Enga Province and PNG and its effect on women <i>B Tommbe</i>	Governance, Human Security and Public Finance in the Pacific <i>H Nakagawa</i>		Fostering the foundations of resilience: challenges and responses in the management of Helen Reef, Palau <i>W Andrew, R Victor</i>	Technology Dependence, Climate Change and Health <i>K Proust</i>	Biodiversity Habitat Mapping In Fiji – Lessons Learnt from Recent PABITRA Surveys <i>A Naikatini, HC Wendt</i>
1200-1220				Oil price shocks and effectiveness of devaluation in Fiji <i>K Prakash</i>		Locally Managed Marine Area Network: Adaptive Management Through A Network Approach <i>W Tan</i>	Managing the health impacts of climate change in the South Pacific: from awareness to action <i>L McIver</i>	Ensemble species distribution modelling of Coleoptera in Viti Levu, Fiji <i>H Waqa-Sakiti et al</i>

Lunch

1320-1420	Keynote Theme 7: Oceans <i>Professor Richard Kenchington</i> Venue: AusAID Lecture Theatres							
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1420-1440	Special Session: Molecular & Biotechnical Applications <i>D Schindel</i>			Distribution of mining benefits and urban planning in Northern New Caledonia – a sustainable development? <i>M Kowasch</i>	Workshop: Use of ICTs for sustainable development: The case of Primary Schools of Fiji Contd. <i>D Grewal, I Thomson; SOE-FALE</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>	Freshwater fishes of the PABITRA Landscape Transect in Fiji: fragility & resilience in an island context <i>LKF Copeland et al</i>
1440-1500	Digitization initiatives at the Bishop Museum: baseline data for conservation in the Pacific <i>SA James et al</i>		Panel Session: Australia and Fiji: Islands at Sea in a Sea of Islands <i>G McCall, H Mueckler, C 'Ilaiu Talei</i>	Effectiveness of Energy Policies in PICs: A Survey of Policies and Economic Analyses of Renewable Energy Options <i>R Lal</i>		Building resilient coastal communities: harmonizing Disaster Risk Reduction and Climate Change <i>JT Cleofe</i>	Floods, faeces & fishes: Managing island watersheds for sustainability and public health outcomes <i>A Jenkins et al</i>	PABITRA (Samoa) 2003-13: A Review of activities and options for moving forward <i>N Tuivavalagi et al</i>
1500-1520	Barcoding plant pathogens <i>BS Weir</i>			Does Trade in PICs Reduce Poverty? <i>S Kumar</i>		Explicitly incorporating socioeconomic criteria and data into marine spatial planning <i>L Rumetna et al</i>	Health impacts of climate change in the Pacific: key vulnerabilities and adaptation priorities in Pacific island countries <i>L McIver</i>	Resilience in Hawai'i's rainforest under Global Change <i>DM Dombois</i>

Afternoon tea

1600-1620	Geographical Distribution and Genetic Evolution of Dengue Viruses in the South Pacific <i>M Aubry et al</i>			An energy consumption and conservation study of Pacific Island Hotels <i>K. Prasad</i>		Sustaining small-scale fisheries with periodically-harvested closures <i>P Cohen et al</i>	Dengue and climate change: Exploring the relationships and risks in Fiji <i>K Oli</i>	Preliminary checklist of bryophytes within the PABITRA Gateway site, Viti Levu, Fiji <i>M Katafono et al</i>
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1620–1640	Genetic diversity of the endangered giant clam <i>Tridacna maxima</i> and its symbiodinium in French Polynesia <i>V Dubousquet et al</i>		Workshop: UNFPA Violence Against Women (VAW) Panel Discussion <i>H Jansen, P Chatter, M Mua, GR Ilolahia</i>	Earnings, employers and caste: An evaluation of caste/ethnic wage differentials in the Nepalese labour market <i>S Jafarey, RP Mainali, G Montes-Rojas</i>	Workshop: Use of ICTs for sustainable development: The case of Primary Schools of Fiji Contd. <i>D Grewal, I Thomson; SOE-FALE</i>	Weathering the Storm: A case study on increasing recovery of coral reef resources in Pohnpei, Micronesia <i>E Joseph, J Anson</i>	Climate change and conflict in the tropical Pacific: the record from Volivoli Cave, Fiji <i>M Stephens et al</i>	Raising the Bar: recognizing the intricacies of Cultural and Ecological Knowledge (CEK) in natural resource management <i>DF Orchardson</i>
1640–1700	Gonad transcriptome analysis of pearl oyster <i>P. margaritifera</i> : sex and stage specific genes <i>T Vaihiti</i>					Human Dimensions of Small-Scale and Traditional Fisheries in the Asia-Pacific Region <i>JN Kittinger</i>		Irrigated Ethnoagriculture, livelihood resilience and the Vitokoni ni Vuci Project <i>T King</i>
1700–1720	corals of Moorea (French Polynesia): what's new about Clade D? <i>H. Rouzé</i>							

1720–1740

1740–1800

Friday 12 July

0900–1100

PSA Closing Ceremony
N Lewis, J Bythell, J Vanualailai, W Aalbersberg

Japan-Pacific ICT Centre