



STAR 2017 Conference Program

Time	Presenter	Title
Sunday 25 June 2017		
15:00-19:00		Registration
Monday 26 June 2017		
08:00-09:00		Registration
Session 01 Official Opening		
09:00-10:30		Conference Opening
10:30-10:45		Group Photo
10:45-11:15		Morning Coffee
Session 02 Deep Sea Minerals Chair: Russell Howorth (Matadrevula Advisory Services, Fiji)		
11:15-11:35	Tomohiko Fukushima	Appropriate Environmental Impact Assessment Technologies for Seabed Mining
11:35-11:55	Tetsuro Urabe	Development of Exploration System for Seabed Mineral Resource in Japan
11:55-12:15	Ki-beom Ahn	Development Status and Mission operation plan of GOCI-II
12:15-12:35	H. Koshikawa	Onboard Ecotoxicological Technique to Qualify the Surface Water Safety During Full-scale Mining Operation of SMS Deposits
12:35-13:30		Lunch
Session 03 Climate Change and Oceans Chair: Malaki Finau (Minerals and Lands, Fiji)		
13:30-13:50	Savin Chand	Projected changes in El Niño-driven tropical cyclones in the Pacific
13:50-14:10	Matt Blacka	Considerations for the Design of Rock Armoured Coastal Protection on Fringing Reef Coastlines
14:10-14:30	Kristen D. Splinter	Laboratory Experiments into the Effect of Reef Width on Extreme Water Levels During Cyclone Events
14:30-14:50	Tom D Shand	Affordable Coastal Protection in the Pacific Islands: Desktop Review, Model Testing and Development of Design Guidance
14:50-15:10	Andrick Lal	Monitoring Surveys - Climate and Oceans Support Program in the Pacific
15:10-15:30	Camillia Garae	Estimating Rates of Shoreline Retreat for Mele Bay and Teouma Bay
15:30-15:50		Afternoon Coffee
Session 04 Climate Change, Oceans and GIS and Remote Sensing Chair: Gary McMurty (SOEST, Hawaii, USA)		
15:50-16:10	Litia Gaunavou	Mapping African Tulip with WoldView-2 Image Data
16:10-16:30	Sara Beavis	Natural Resource Management Using a Consultancy Approach to Undergraduate Education: Linking Student Learning and Stakeholder Needs
16:30-16:50	Shayal Kumar	Marine Habitat Mapping of Komave on the Coral Coast in Fiji
16:50-17:10	Mika Seru	Relocation of Narikoso, Ono Kadavu Island Group
17:10-17:30	Lalit Kumar	Use of GIS and Remote Sensing for Risk Assessment Related to Climate Change in the Pacific
19:00-21:00		Welcome Reception (hosted by Government of Fiji)
Tuesday 27 June 2017		
Session 05 Geo Resources, Land Use and Maritime Chair: Akuila Tawake (SPC GSD, Fiji)		
08:40-09:20	Onisimo Fonmanu	Sinkhole Incident at Vatukola Gold Mine Limited

09:00-09:20	Tomoko Kakee	The Extractive Industries Transparency Initiative (EITI) in Pacific Islands Region
09:20-09:40	Erick Kowa	Regional supply to LPG to the Pacific Islands from Papua New Guinea
09:40-10:00	Williams P Ganileo	Land Use and Infrastructure Development on Pacific Islands: The case of Vanuatu
10:00-10:20	Andrick Lal	Pacific Regional Maritime Boundaries
10:20-10:40	Morris J Harrison	Towards an Integrated Tsunami Warning System for Port Vila and Luganville, Vanuatu
10:40-11:00		Morning Coffee
Session 06 Hydro Geology Chair: Shaun Williams (NIWA, NZ)		
11:00-11:20	Anesh Kumar	Elevation Surveying Application for Groundwater Investigation
11:20-11:40	Andreas Antoniou	Hydrogeology of West Ambae, Vanuatu as inferred by geo-electrical resistivity survey
11:40-12:00	Amini Loco	Groundwater Exploration in Disaster-prone Communities in NW Viti Levu Using Electrical Resistivity
12:00-12:20	Philip Yasiro Irarue	A Preliminary Geophysical Reconnaissance Mapping of Emirau Ground Water Resources, Emirau Island, New Ireland Province PNG
12:20-12:40	Pilia Niru	Challenge of Developing Ground Water Project Along Fault Line Boera Ground Water Project, PNG
12:40-13:00	Peter Sinclair	Water Security in Atolls Through Improved Groundwater Management
13:00-14:20		Lunch
Session 07 Geo Resources Chair: Raijeli Taga (MRD Fiji)		
14:20-14:40	Russell Howorth	The Neglected Georesources: Their Current and Future Value to Sustainable Socioeconomic Development in the Pacific Islands"
14:40-15:00	Christine Prasad	Baseline Assessment of Development Mineral in Fiji
15:00-15:20	Robert Smith	The Navua River Basin: A Pandora's Box for Sand and Gravel Extraction
15:20-15:40	Venasio Nasara	Licensing and Monitoring Framework for Development Minerals Extraction in Fiji.
15:40-15:50	Kyung Seok Kang	Biofuel Plant Briefing
15:50-16:10		Afternoon Coffee
16:10-17:30	Russell Howorth	Geo Resources Working Group

Wednesday 28 June 2017

07:30-17:00 Field Trip

Thursday 29 June 2017

Session 08 Ocean Islands Volcanism Chair: Esline Garaebiti (VMGD, Vanuatu)

09:00-09:20	Károly Németh	Volcanic Geoheritage of the SW Pacific and its Role for Sustainable Development Programs with Strong Influence of Indigenous Knowledge
09:20-09:40	Paul W Taylor	The 1943 Eruption of Niuafu'ou: An Eruption Chronology and the Effects of Volcanic Pollution as Provided by Local Informants
09:40-10:00	Gary McMurtry	Field-Poratable Helium Isotope Detector for Continuous Monitoring of Volcanic Unrest and Large Earthquakes: a Development Update
10:00-10:20	Károly Németh	Phreatomagmatic Volcanic Hazard in Rift Edge in Coastal Regions of Volcanic Islands
10:20-10:40	Paul W Taylor	Submarine Volcanic Activity in the SW Pacific: Looking in the Right Place at the Right Time
10:40-11:00	Gary McMurtry	Volcanic Gas Analytical Monitor (VGAM): Compact and Low Power Mass Spectrometer-based Instrumentation for Volcanic Gas Monitoring
11:00-11:20		Morning Coffee
11:20-12:40	STAR Chair	STAR Annual Business Meeting
12:40-14:00		Lunch

Session 09 Science and Risk Assessment Issues Chair: Paul Taylor (SPC DRP, Fiji)

14:00-14:20	Helen Jacot Des Combes	The Pacific Science and Technology Advisory Group (P STAG)
14:20-14:40	Shaun Williams	Partnerships in the Pacific: Aligning Multiple Risk Assessment Tools for Evidence-based Decision Making
14:40-15:00	Craig Arthur	Enhancing Disaster Response Planning with Impact Mapping Tools
15:00-15:20	Ranasinghe Amaradasa	Some analysis of scientific publications in Pacific Island Countries

15:20-15:40	Keleni Raqisia	Pacific Regional Navigation Initiative: Data Management
15:40-16:00	Amit Singh	Historical Analysis of Change in Rainfall, Flow Regime and River Morphology
16:00-16:20		Afternoon Coffee
16:20-17:30		Education Working Group
19:00-21:00		Informal Closing Refreshments

Session 10 Posters

Károly Németh	Samoa Geopark Project: A Strategic Plan to Promote the Volcanic Geoheritage of Savai'i Island, Samoa
Mika Seru	Relocation of Narikoso, Ono Kadavu Island Group
Sereima Dibula	Mine Land Rehabilitation @Naibulu Bauxite Mine, Bua, Vanua Levu, Fiji IslandsMineral Resources Department, Private Mail Bag, Suva
Wonkook Kim	GI-JOON (Global Insitu Joint Ocean Reference Network) for GOCI and GOCI-II
Sandip Chand	Inundation Survey on Koro Island following Tropical Cyclone Winston
David Heron	Hazard and Risk Mapping in Vanuatu – Developing Safer Communities – A year on
Jonati Railala	Posters on Groundwater Development and Reticulation work on Navakawau Village, SouthTaveuni to mitigate water problem.
Biljana Lukovic	Rockfall and cliff-collapse hazard and risk in the Port Hills following the 2011 Christchurch earthquake
Sandip Chand	Qamea Landslide

Working Groups not included in the above agenda may be convened at suitable times following the end of each day's sessions