



Science Conference 2017

**Science and Technology for Sustainable Development**

• National University of Samoa • 22 – 24 November, 2017



Time	TUESDAY 21 <sup>st</sup> NOVEMBER 2017
17.00 – 18.30	AVA CEREMONY : NUS FALE SAMOA
18.30 – 20.00	REGISTRATION : NUS BLDG A FOYER

Time	WEDNESDAY 22 <sup>nd</sup> NOVEMBER 2017
8.00 – 16.00	REGISTRATION in the NUS BLDG A FOYER
OPENING CEREMONY : Lecture Theatre D101	
9.00 – 9.30	<p>MC: Dr. Patila Malua-Amosa</p> <p>Welcoming Remarks: <b>Professor Fui Le'apai Tu'ua 'Ilaoa Asofou So'o</b> National University of Samoa, Vice Chancellor &amp; President</p> <p>Opening Prayer: <b>Rev. Vavatau Taufao</b> General Secretary Congregational Christian Church of Samoa</p> <p>Opening Address: <b>Afioga Loau Keneti Sio</b> Honourable Minister of Education, Sports and Culture</p>
9.35 – 9.45	Group Photo – BLDG A FOYER
9.50 – 10.15	MORNING TEA
10.20 – 11.20	<p>Keynote Address: <i>Afioga Leota Kosi Latu - "Ocean Governance"</i> Director General Secretariat of the Pacific Regional Environment Programme (SPREP)</p> <p>Chair: <i>Dr. Patila Malua-Amosa</i></p> <p>Rapporteurs: <i>Mr. Warren Lee Long &amp; Ms Mathilde Kraft</i></p>
<p>Chair: <i>Faainuseiamalie Latu</i></p> <p>Rapporteurs: <i>Foilagi Maua-Faamau &amp; Aleluia Taise</i></p>	
11.25 – 11.40	<p><b>The Role of Seasonal Climate Prediction Models and the Pacific Islands Climate Outlook Forum for Sustainable Development in the Pacific.</b></p> <p><i>Philip Malsale, Alexander Montoro and Sunny Seuseu</i></p>
11.45 – 12.00	<p><b>Sex with Style.</b></p> <p><i>Roberta Mura-Faasavalu, Betsy R. Jackes and Leone M. Bielig</i></p>
12.05 – 12.20	<p><b>Radiant Energy: Another Alternative Energy Source for Samoa?</b></p> <p><i>Faafetai Kolose</i></p>
12.25 – 12.40	<p><b>Combining Seasonal Forecasts and Climate Traditional Knowledge in Samoa to Increase Community Resilience and Sustainable Development.</b></p> <p><i>Mulipola Ausetalia Titimaea, Siosinamele Lui, Tile Tofaeono and F. Aiono</i></p>
12.45 – 13.15	LUNCH BREAK



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Chair: Vaisualua Posese-Okesene Rapporteurs: Foilagi Maua-Faamau & Roberta Mura-Faasavalu	
13.20 – 13.35	<b>Culture for Sustainable Development.</b> <i>Agnes Wong Soon</i>
13.40 – 13.55	<b>Geospatial Technology for Sustainable Development (Skyeye Pacific's Experience).</b> <i>Nomeneta Saili</i>
14.00 – 14.15	<b>Physico-chemical and Microbiological Evaluation of Surface Water in the Vaiusu Bay, Samoa.</b> <i>Aleluia Taise, Patila Amosa, Leala Fitu and Varea Vaurasi</i>
14.20 – 14.35	<b>The Contribution of ICTs in Primary Industries in Pacific Island Countries.</b> <i>Rowena Cullen, Transform Aqorau, Anju Manga and Peter Walton</i>
14.40 – 15.05	<b>AFTERNOON TEA</b>
Chair: Mr. Warren Lee Long Rapporteurs: Ms. Mathilde Kraft & Ms. Isabell Rasch	
15.10 – 15.25	<b>An Evaluation of the Instructional Technologies Training for the NUS staff.</b> <i>Edna Temese-Ualesi, Ioana Sinclair, Fiafaitupe Tuiloma-Lafaele and Mose Mose</i>
15.30 – 15.45	<b>Benefits of 3Rs for Marine Ecosystem Services and Tourism Industry.</b> <i>Ma Bella Guinto and Anthony Talouli</i>
15.50 – 16.05	<b>An Example of Usage of KISSEL for Education Platform in Sri Lanka.</b> <i>D.D.G.L Dahanayaka, K.N.S Warnajith, M.Itaba, A. Minato and S. Ozawa</i>
16.10 – 16.20	<b>WRAP UP SESSION – Dr. Patila Malua-Amosa</b> <b>Rapporteur: Ms. Juney Ward</b>
<b>COCKTAIL – NUS FALE SAMOA</b> <b>18.00 – 20.00</b>	



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Time	THURSDAY 23 <sup>rd</sup> NOVEMBER 2017
8.00 – 16.00	REGISTRATION in the NUS BLDG A Foyer
9.00 – 10.00	<p>Keynote Address: <i>Emeritus Professor Rowena Cullen</i>  <b>“Sustainable e-Government for Pacific Island States”</b>            Victoria University of Wellington            New Zealand</p> <p>Chair: <i>Muagututi’a Professor Ioana Chan Mow</i>            Rapporteurs: <i>Aleluia Taise &amp; Elisapeta Mauai</i></p>
10.05 – 10.20	<b>Telecommunications reform in Samoa: The Introduction of Competition Law.</b> <i>Bridget Crichton</i>
10.25 – 10.40	<b>The Decade of Education for Sustainable Development: A Reflection from USP.</b> <i>Tolu Muliaina</i>
10.45 – 11.05	MORNING TEA
	Chair: Ms. Ma Bella Guinto Rapporteurs: Ms. Siosionamele Lui & Mr. Alexander Montoro
11.10 – 11.25	<b>Working Towards a Strategic Regional Strategy for Marine Litter Prevention and Mitigation.</b> <i>Anthony Talouli</i>
11.30 – 11.45	<b>ICT Enhanced Learning and Teaching in Higher Education.</b> <i>Bibhya N. Sharma</i>
11.50 – 12.05	<b>Mobile Learning Readiness, Attitude and Perception of High School Students in Samoa.</b> <i>Emmanuel V.Reddy, Bibhya N.Sharma and Mesake R. Dakuidreketi</i>
12.10 – 12.25	<b>Exploring Resilience to Climate Change and other Environmental Challenges in Samoan Communities.</b> <i>Anita Latai</i>
12.30 – 13.00	LUNCH BREAK
	Chair: Faainuseiamalie Latu Rapporteurs: Roberta Mura-Faasavalu & Victory Utumapu-Milford
13.05 – 13.20	<b>It Takes a Village: Village Outreach and Sustainable Tourism in Palauli District.</b> <i>Dionne Fonoti and Greg Jackmond</i>
13.25 – 13.40	<b>Samoa Geopark Project: For the Sustainable Development of Samoa.</b> <i>Aleni Fepuleai</i>
13.45 – 14.00	<b>Climate Change Opportunities for Samoa.</b> <i>Susana Tauga’a</i>
14.05 – 14.20	<b>An Online Education Tool for the Pacific.</b> <i>Aluwesi L.V. Fonolahi and Bibhya N. Sharma</i>
14.25 – 14.50	AFTERNOON TEA



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Chair: Mr. Tommy Moore Rapporteurs: Mr. Anthony Talouli & Ms. Isabell Rasch	
14.55 – 15.10	<b>Community Engagement through Educational Delivery: The Experience of the School of Nursing and Health Science.</b> <i>Ramona Boodoosingh, Jyothi Abraham, Fuatai Maiava and Tauaitala Lees</i>
15.15 – 15.30	<b>The Real and Perceived Impacts of Water shortage days on the Occupants of the West Wing of the NUS-IHE A Building (WWNIAB.)</b> <i>Foilagi Maua-Faamau</i>
15.35 – 15.50	<b>Baseline Assessment of Scrap Metal in Samoa.</b> <i>Faafetai Sagapolutele and Ma Bella Guinto</i>
15.55 – 16.10	<b>E-commerce in Samoa: Which Business Applies?</b> <i>Vaisualua Posese-Okesene</i>
16.15 – 16.25	WRAP UP SESSION – Muagututi’a Professor Ioana Chan Mow Rapporteur: Ms. Juney Ward
	DINNER – Tanoa Tusitala Hotel 18.00 – 21.00



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Time	FRIDAY 24 <sup>th</sup> NOVEMBER 2017	
8.00 – 16.00	REGISTRATION in the NUS BLDG A FOYER	
9.00 – 10.00	<p>Keynote Address: <i>Professor Peter Lockhart – “DNA Diagnostics from Lab to Field”</i>            Massey University            Palmerston North            New Zealand  <i>Chair: Clark Peteru</i>  <i>Rapporteurs: Mr. Anthony Talouli &amp; Mr. Sunny Seuseu</i></p>	
10.05 – 10.25	<p><b>Improving Resilience of Namara Waste Disposal site to Natural Disasters.</b>  <i>Faafetai Sagapolutele and Ma Bella Guinto</i></p>	
10.30 – 10.45	<p><b>Unsustainable Practices in Loimata o Apaula Watershed Areas Leading to Degradation of Water Quality.</b>  <i>Faainuseiamalie Latu, Aleki Lamese, HBI211 and HBI311 students (NUS)</i></p>	
10.50 – 11.05	<p><b>SMARTBoards and the National University of Samoa (NUS).</b>  <i>Foilagi Maua-Faamau and Joseph Namulaulu</i></p>	
11.10 – 11.35	MORNING TEA	
	<p>Chair: Victory Utumapu-Milford            Rapporteurs: Aleluia Taise &amp; Elisapeta Mauai</p>	
11.40– 11.55	<p><b>Information and Communication Technologies for Sustainable Development: The Role of the Media in Facilitating Environmental Awareness and Protection in Samoa.</b>  <i>Karan Anaya and Alexander Montoro</i></p>	
12.00 – 12.15	<p><b>Evaluation of Lecturer Readiness for Technology Enabled Learning at NUS.</b>  <i>Misioka Tanielu and Ioana Chan Mow</i></p>	
12.20 – 12.35	<p><b>Access and Benefit Sharing of Genetic Resources under Nagoya Protocol as a means to drive conservation and sustainable use of biological resources in the Pacific.</b> <i>Isabell Rasch</i></p>	
12.40 – 12.55	<p><b>The Uses of Drone Technology in Higher Education. The Case of the National University of Samoa.</b> <i>Foilagi Maua-Faamau, Tara Patu, Misioka Tanielu</i></p>	
13.15 – 13.30	<p><b>Sustainable Development in the Low-Lying Islands of the Federated States of Micronesia.</b> <i>Gonzaga Puas</i></p>	
13.35– 13.45	<p>WRAP UP SESSION – Clark Peteru            Rapporteur: Ms Juney Ward</p>	
13.50 – 14.00	<p>Closing Remarks            Professor Fui Le’apai Tu’ua Ūlaoa Asofou So’o &amp; Afioga Leota Kosi Latu            Vice Chancellor &amp; President, NUS Director General, SPREP</p>	
	LUNCH	
	FIELD TRIP / SIGHTSEEING	