



4th PACIFIC OCEAN PACIFIC CLIMATE CHANGE CONFERENCE

20th – 24th May

2024



PROGRAMME FOR THE 4th PACIFIC OCEAN PACIFIC CLIMATE CHANGE CONFERENCE 2024

Monday, 20 May 2024

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| 07.00 – 16.00 | Registration open in NUS Niule'a Seminar Room and Pacific Climate Change Centre, SPREP |
| Workshop | |
| Room | Pacific Climate Change Centre, SPREP, Vailima, Samoa |
| Workshop Theme | Climate Change and International Law |
| Facilitator | Professor Alberto Costi (International Public Law & International Environmental Law) VUW & Ofa Kaisamy PCCC Manager |
| Time | 9.00 – 12.00 |

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| 12.00 – 13.30 | Lunch – SPREP (attendees only) |
| Workshop | |
| Room | Pacific Climate Change Centre, SPREP, Vailima, Samoa |
| Workshop Theme | Climate Change Research and Publishing |
| Facilitator | Yvette Kerslake (PCCC), Dr Andrew Tait (NIWA, Chief scientist), Geoff Gooley (CSIRO), Jon Barnet (University of Melbourne) |
| Time | 13.00 – 16.00 |

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| Workshop | |
| Room | Niule'a Seminar Room, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa |
| Workshop Theme | Talanoa on Nature-based Solutions for Climate Adaptation and Resilience in Oceania |
| Facilitator | NUWAO, SPREP, IUCN |
| Time | 13.00 – 16.00 |

FULL CONFERENCE REGISTRATION OPEN AT NUS MAIN FOYER BUILDING A, 8.00 – 16.00

Tuesday, 21 May 2024

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| 07.00 – 17.00 | Registration open in NUS Main Foyer Building A | | |
| Plenary | | | |
| Room | D201, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa. | | |
| 08.45 | All seated for the opening ceremony | | |
| 08.45–08.50 (5 minutes) | House keeping | Yvette Kerlake | |
| 09.00 – 09.55 (55 minutes) | Opening Ceremony | | |
| | 09.00 - 09.05 (5 minutes) | Welcoming Remarks | Pesetā Su'a Dr. Desmond Mene Lee Hang Deputy Vice-Chancellor National University of Samoa |
| | 09.05 - 09.10 (5 minutes) | Opening Prayer | Rev. James Shri Bhagwan General Secretary Pacific Conference of Churches |
| | 09.10 - 09.20 (10 minutes) | Opening Remarks | Sefanaia Nawadra Director General Secretariat of the Pacific Regional Environment Programme (SPREP) Associate Professor Luamanuvao Dame Winnie Laban AVC Pasifika Te Herenga Waka – Victoria University of Wellington New Zealand |
| | 09.20 - 09.21 (1 minute) | Introducing the Keynote Address | Professor Tuifuisa'a Patila Amosa Vice Chancellor & President National University of Samoa |
| | 09.21 - 09.31 (10 minutes) | Keynote Address | Hon. Fiame Dr. Naomi Mata'afa Prime Minister of Samoa |
| | 09.31 - 09.32 (1 minute) | Thank the Keynote Address speaker, introduce the Cultural Performance | Professor Tuifuisa'a Patila Amosa Vice Chancellor & President National University of Samoa |
| | 09.32 - 09.39 (7 minutes) | Cultural Performance | NUS (CSS Culture Dance Group) |

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| | 09.39 – 09.40 (1 minute) | Thank the performers. advise morning tea | MC – Yvette Kerslake |
| | 9.40 – 9.55 (10 minutes) | Group Photo | NUS media |
| 09.55 – 10.15 (20 minutes) | Morning Tea at NUS Main Foyer Building A | | |
| Plenary | | | |
| Room | NUS D201, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa. | | |
| 10.20 - 10.45 (20 minutes + 5 mins Q & A) | <p>Keynote Address (D1-AM):</p> <p>Professor Timothy Naish Professor of Earth Sciences, Antarctic Research Centre Victoria University of Wellington</p> <p>Title: Climate-driven loss of Earth's frozen Regions is having widespread impacts on the Islands, Ecosystems and People of the Pacific Ocean.</p> <p>MC: Pesetā Su'a Dr. Desmond Mene Lee Hang, National University of Samoa.</p> | | |
| Parallel Sessions Theme – Science and Climate Impacts | | | |
| Room/venue | D101 | D201 | Niule'a Seminar Room |
| Session | <u>D1-Session 1 (D1-S1)</u> | <u>D1-Session 2 (D1-S2)</u> | <u>D1-Session 3 (D1-S3)</u> |
| Session Sub-theme | The Changing Pacific (Physical Science focus) | The Extreme Pacific (Physical Science focus) | Oceans and Ice (Physical Science focus) |
| 10.50 - 12.12 (115 minutes) | <i>This session will examine the large-scale changes we are seeing or may see in the Pacific in the future.</i> | <i>This session will focus on extreme events covering both attribution science and projections.</i> | <i>Building upon the IPCC Special Report on the Ocean and Cryosphere in a Changing Climate, this session will examine the implications for Pacific islands.</i> |
| Facilitators | Fred Patison | Professor Tuiloma Susana Taua'a | Galumalemana Faainuseiamalie Latu |
| 10.50 – 11.07 | <p>Regional comparison of current and projected sea surface temperatures and marine heatwaves for Vanuatu</p> <p>Vanessa Hernaman, Leanne Webb, Kim Nguyen, Nastasia Shing, Clothilde Langlais, and Geoff Gooley</p> | <p>The Pacific Drought Knowledge Exchange (PDKE): A co-production approach to building resilience to climate change in the Pacific.</p> <p>Ryan Longman</p> | <p>Strengthening Pacific Engagement in the IPCC Assessment Reporting Cycles and Processes</p> <p>Yvette Kerslake and Mahealani Delaney</p> |

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| <p>11.09 – 11.26</p> | <p>A Case Study of the Heavy Rainfall and flooding event over Samoa, 8th June 2023</p> <p>Silipa Art Mulitalo</p> | <p>Monitoring Emissions in New Zealand – Today and in the Future</p> <p>Jamie Halla</p> | <p>Pacific Carbon Effect: How carbon-intensive are construction aid projects in Samoa?</p> <p>Ryan Simpson, Robyn Phipps, Robin Skinner</p> |
| <p>11.28 – 11.45</p> | <p>Reduction of uncertainties in tropical cyclone wave and storm surge hazards in Vanuatu: a hybrid downscaling approach</p> <p>Ron Hoeke, Vanessa Hernaman, Sara O. van Vloten, Beatriz Pérez-Díaz, Jared Ortiz-Angulo, Leanne Webb, Emilio Echevarria, Claire Trenham, Julian O’Grady, Laura Cagigal and Geoff Gooley</p> | <p>Sub-national climate projections of mean and extreme climate for Vanuatu, VanKIRAP project</p> <p>Vanessa Round, Tony Rafter, Dewi Kirono, Marcus Thatcher</p> | <p>Integration of GNSS and InSAR to optimise estimates of coastal VLM</p> <p>Ian Hamling, Sigrun Hreinsdóttir, Richard Levy, Tim Naish</p> |
| <p>11.47 – 12.04</p> | <p>Introduction to Coastal Science in a Changing Climate for Sustainable Development in the Pacific</p> <p>Gene Rankey and Tion Uriam</p> | <p>Increasing the Resilience of New Zealand Housing from Flooding</p> <p>Robyn Phipps, Lexi Sutherland, Tonya Sweet</p> | <p>Modelling shoreline change – A case study in Tuvalu</p> <p>Bengtson S. A, Keller E. D., Christophersen A., Espejo A., Wandres M., Damlamian H.</p> |
| <p>12.06 – 12.23</p> | <p>Assessing the Regeneration of Human Generated Mangrove Systems in Fiji – Case Study of Nasese and Lami Foreshore</p> <p>Salote Nasalo, Hilda Waqa-Sakiti, Viliamu Iese, Timothy Reeves</p> | <p>Climate Change and Changing Livelihoods: A Story of Rapatona Islanders of Manus Province, Papua New Guinea</p> <p>Alfred Faiteli</p> | <p>Adaptation and resilience in Budibudi Atoll (Papua New Guinea)</p> <p>Sergio Jarillo</p> |
| <p>12.25 – 12.42</p> | <p>Sea-level Rise and Pacific Island Mangrove Resilience: National Assessment Initiative for Micronesia (FSM) and Palau</p> <p>Karen M. Thorne, Kevin J. Buffington, Richard A. MacKenzie, Ken W. Krauss, and Matthew E. Andersen</p> | <p>A Socio-Spatial Approach to Building Community Resilience to Climate Change</p> <p>Rhiannan Mundana</p> | <p>Physical Climate Shifts for Pacific Island Nations</p> <p>Nathanael Melia</p> |
| <p>12.45 – 13.45 (60 minutes)</p> | <p>Lunch at NUS Main Foyer Building A</p> | | |

Plenary

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| Room/venue | D201 |
| 13.50 - 14.15 (20 minutes + 5 minutes (Q & A)) | <p>Keynote Address (D1-PM):</p> <p>Savai'inaea Dr. Christina Laalaai-Tausa Research and Project Manager Macmillian Brown Centre for Pacific Studies University of Canterbury Te Whare Wānaga o Waitaha</p> <p>Title: Climate Change in our Moana/Solwara – Shifting the Power Imbalance.</p> <p>MC: Professor Afamasaga Karoline Afamasaga-Fuata'i, National University of Samoa</p> |

Parallel Sessions | Theme – Pacific Island Developing States

| Room/venue | D101 | D201 | Niule'a Seminar Room |
|--------------------------------------|--|--|--|
| Session | <u>D1-Session 4 (D1-S4)</u> | <u>D1-Session 5 (D1-S5)</u> | <u>D1-Session 6 (D1-S6)</u> |
| Session Sub-theme | The Sour Pacific - Ocean Acidification | The Living Pacific | Pacific livelihoods |
| 14.20 – 15.34 (74 minutes) | <i>This session will focus on Ocean acidification – what we know and where we might be heading.</i> | <i>This session will examine the science regarding the impacts of climate change on marine and coastal ecosystems.</i> | <i>This theme will look at the scientific evidence relating to the impacts on livelihoods. It should look to connect the physical science evidence base with the social science.</i> |
| Facilitators | Dr. Sekotilani Aloï | Dr. Gabriel Bioletti | Tofilau Dr. Faguele Suaalii |
| 14.20 – 14.37 | <p>Pacific Islands Ocean Acidification Centre (PIOAC)</p> <p>Katy Soapi, Alexis Valauri-Orton, Azaria Pickering, Kim Currie, Kaitlyn Lowder, Christina McGraw, Francis Mani</p> | <p>The Importance of Media and Natural Language Processing (NLP) in Climate Change Resilience</p> <p>Peter-Lucas Jones</p> | <p>Natural Resources and Biodiversity in a Warming World: Challenges and Opportunities</p> <p>Georgina Kalsing</p> |
| 14.39 – 14.56 | <p>Effects of ocean acidification on Caulerpa spp.</p> <p>Aleluia Taise, Erik Krieger, Sarah Bury, Christopher E. Cornwall</p> | <p>Food loss along the value chain of Taro: a look at Postharvest handling practices of Taro and climatic hazards in Samoa and Tonga</p> <p>Christian-Yves Amato-Ail, Viliamu Iese, Seeseei Molimau-Samasoni, Soane Patolo, Gayathri Mekala</p> | <p>Nanumaga Water C.A.R.E Project</p> <p>Elisa Paueli</p> |

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| 14.58 – 15.15 | Enhancing Coastal Resilience in Pacific Island Countries through Seagrass-Based Wave Protection Lency Royce Muna | Nature-based Solutions for Urban Climate Change Adaptation in Te Moananui Oceania: Centring Wellbeing and Indigenous Knowledge Maibritt Pedersen Zari, Paul Blascke, Sibyl Bloomfield, Luke Kiddle, Victoria Chanse, Mercia Abbott, Anita Latai-Niusulu, Susana Taua'a | Protecting freshwater resources in Samoa: macroinvertebrates and eDNA analyses Velonika Nikki Eteuati |
| 15.17 – 15.34 | Spatial and Temporal Distribution of Seawater pH and Alkalinity across five sites on the North Coast of Upolu, Samoa Tina Taitaifono Mareko, Patila Amosa, Faainuseiamalie Latu, Tanuvasa Toetu Leasi | Community Engagement – Fa'afafine and Fa'atama Perspectives Fagalima Tuatagaloa | A Strategic Marketing Approach to Cultivating Sustainable Home Gardening Projects Bernadette Samau and Sesilia Lauano |

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| 15.35 – 15.55 (20 minutes) | Break / Coffee NUS Main Foyer Building A | | |
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Parallel Sessions (D1 – S7-9)

| Room/venue | D101 | D201 | Niule'a Seminar Room |
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| Session | <u>D1-Session 7 (D1-S7)</u> | <u>D1-Session 8 (D1-S8)</u> | <u>D1-Session 9 (D1-S9)</u> |
| Session Sub-theme | Impacts on health and wellbeing | Traditional knowledge and science | Communicating science |
| 16.00 – 17.36 (96 minutes) | <i>This session will reflect upon the state of knowledge regarding CC impacts on health, concentrating on the scientific evidence base. It might also include how CC is interacting with other changes to affect health, such as increased mobility and migration.</i> | <i>Here we will examine the role of traditional knowledge in understanding climate change.</i> | <i>Science needs to reach decision-makers to be effective. This session will look and opportunities to strengthen science communication and examples of what is happening in the region at the moment.</i> |
| Facilitators | Pule Toleafoa Dr. Viali Lameko | Rachel Crichton | Dr. Aleluia Taise-Uili |
| 16.00 – 16.17 | The Impact of Climate Change on Youth Sexual and Reproductive Health in Africa and the Pacific Region Robert Tanti Ali | Implementing SPREP's Environmental Impact Assessment Guidelines for Coastal Engineering: A Vital Tool for Enhancing Coastal Resilience in the Pacific Ivan Diarra and Puta Tofinga | Strengthening Access to Innovative Solutions for Resilience through the Pacific Climate Change Centre Fred Patison and DFAT |

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| 16.19 – 16.36 | Models of psychological resilience in the face of climate emergencies – examples from Samoa, Tonga and Fiji Gordon Dow | Applications of Sāmoan Traditional Knowledge for Building Modern Socio-Ecological Resilience Craig Shapiro | Using Technology for Building Resilience and Well being in Education in Samoa to offset the challenges due to Pandemics and Natural disasters Ioana Chan Mow |
| 16.38 – 16.58 | Social vulnerability informing long-term adaptation planning; findings from the Republic of the Marshall Islands Nola Smart | What are the Birds and the Trees Telling Us? Early Warnings from Traditional Knowledge in a Changing Climate Patricia Mallam | Exploring Transdisciplinary Research Methods for Understanding Circular Migration and Climate Mobility: Towards Adaptation Strategies in the Pacific Island Region Renata Varea |
| 17.00 – 17.17 | MHMS in Kiribati to strengthen health and well-being conditions from hazardous environments using quantitative research methodology Tabomoa Tinte | Evaluating Ecosystem-Based Adaptation's Impact on Enhancing Community Resilience to Climate Change: A Case Study of Alakoko Fishpond in Kauai, Hawaii Ann Nyambega | Bolstering the Pipeline of Nature-Based Solutions for Reef Health Amy Armstrong, Ana Perez, Nicola Thomson |
| Social Event | | | |
| Room/venue | NUS Falesamoa | | |
| 18.30 – 20.30 (120 minutes) | Conference Cocktail Book launch (Professor Alberto Costi, Professor Tuifuisa'a Patila Aмоса, Professor James Renwick) | | |

Wednesday, 22 May 2024

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| 07.00 – 17.00 | Registration open in NUS Main Foyer Building A | | |
| Plenary | | | |
| Room/venue | NUS D201, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa. | | |
| 08.30 – 09.00 | All seated | | |
| 09.00 - 09.05 (5 minutes) | Welcome & Housekeeping | | |
| 09.05 – 09.06 | Opening prayer: Rev. James Shri Bhagwan | | |
| 09.10 – 09.35 (20 minutes + 5 minutes Q & A) | <p>Keynote Address (D2-AM)</p> <p>Professor Alberto Costi Professor of Law Victoria University of Wellington</p> <p>Title: Climate Change and International Law: Past, Current and Future Challenges for the Pacific Ocean and its Nations.</p> <p>MC: Sau'i'a Dr. Louise Mataia-Milo, National University of Samoa</p> | | |
| 09.40 – 10.00 (20 minutes) | Morning Tea at NUS Main Foyer Building A | | |
| Parallel Sessions Theme – Governance, Law and Climate Change | | | |
| Room/venue | D101 | D201 | Niule'a Seminar Room |
| Session | <u>D2-Session 1 (D2-S1)</u> | <u>D2-Session 2 (D2-S2)</u> | <u>D2-Session 3 (D2-S3)</u> |
| Session Sub-theme | Enabling Environments - Policy and Legal Framework | Island Solutions and Private Sector Innovations & Technology | International law and negotiations |
| 10.05 – 12.35 (150 minutes) | <i>This session will focus on examples of policy and legal frameworks that exist in Pacific islands to address the challenges of climate change.</i> | <i>This session will focus on examples of best practices around adaptation and mitigation (low carbon development). There will also be a focus on the role of the private sector in the Pacific. islands and how innovation and technology are often the key to success and survival.</i> | <i>This session will focus on sharing knowledge on community-based and traditional approaches to response and building resilience building, with a focus on early warning systems. This session will focus on international law and negotiations.</i> |

| Facilitators | Ofa Kaisamy | Professor Muagututi'a Ioana Chan Mow | Dr. Brian Alofaituli |
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| 10.05 – 10.22 | Disasters as opportunities to adopt climate adaptation policies? Ronald Mitchell | A Clean Energy Plan for Samoa Nicollo Moeono | Community Engagement in American Samoa Sabrina Suluai-Mahuka, Stevie Iakopo, Matalasi Kim |
| 10.24 – 10.41 | Framework tools for quick and effective industry-level climate risk assessments – application in Vanuatu Carlos Carvajal | Climate-Smart Urban Planning and Resilient Investment – Malekula and Tanna Islands, Vanuatu Beth Toki, Paul Walter, Fahim Tonmoy, George Beck | From Faith to Awareness to Action: Aotearoa's Religious Diversity Centre in Support of Climate Justice for Oceania Paul Blaschke |
| 10.43 – 11.00 | Nurturing our Team to sail in the Blue Pacific Joseph Certeza | New Climate Change Projections – An update from NIWA Andrew Tait, Peter Gibson, Neelesh Rampal, Isaac Campbell, Olaf Morgenstern, Ahsley Broadbent, Stephen Stuart, Daithi Stone, Abha Sood | The Role of Churches in Building Resilient Communities through Values, Rules and Knowledge Framework (VRK) in Fiji Nunia Bari |
| 11.02 – 11.19 | Climate Change Pacific Community Action and Global Impact Lilomaiava Filifilia Iosefa and Marita Ah Sam | Climate Proofing Port Moresby's Urban Development: Reducing the Impact of Urban Heat Island Effect Samuel Awayang | Indigenous Community Resilience & Climate Change Engagement Jovilisi Suveinakama |
| 11.21 – 11.38 | Inter-Pacific Islands Migration in the Context of Climate Change Sargam Goundar | Crisis Communication in the Digital Age: Analyzing Social Media Narratives During the Lāhainā Wildfire Disaster David N, Nguyen | Is there a role for event attribution research in Loss and Damage? Daithi Stone |
| 11.40 – 11.57 | Reimagining the constitutional and legal definition of sovereignty in the face of climate change uncertainty Mele Tupou Vaitohi | Accelerating Sustainable Development Goals in the Pacific Island Countries: The Role of Artificial Intelligence Upalat Korwatanasakul, Akio Takemoto, Mahesti Okitasari | Launch of the Otin Taai +20 Declaration: Stories, Reflections and Aspirations on Ecological Stewardship and Climate Justice by Pacific Churches Bedi Racule and James Bagwan |
| 11.59 – 12.16 | Adaptation Research Priorities for Pacific Island Countries and Territories | MMEL Tool | Laudato Si Mandate approach to Climate Change: a case study in Samoa |

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| | Yvette Kerslake and Jon Barnett | Kimberly Worthy, Sam Saili, Semi Qamese | Sr. Vitolia Mo'a and Maria Kerslake |
| 12.18 – 12.35 | Can civil society organisations and faith-based organisations in Fiji, Samoa and Solomon islands access climate finance? Ofusina Toamua | Climate Knowledge is Power: the development and application of tools to maximize Afulilo Dam water storage for energy generation Molly Powers-Tora and Kotoni Fa'asau | Adum! Where are you? A call for a public Faifeau in response to Climate Change Sam Amosa |
| 12.35 - 13.35 (60 minutes) | Lunch at NUS Main Foyer Building A Asian Development Bank (ADB): Dr. Warren Evans – Special Senior Advisor (Climate Change) APTC Samoa | | |
| Plenary | | | |
| Room/venue | D201 | | |
| 13.40 – 14.05 (20 minutes + 5 minutes Q & A) | Keynote Address (D2-PM): Moemoana Safa'ato'a Schwenke Youth, Climate Change Advocate Title: Empowering Youth to take action on Climate Change. MC: Yvette Kerslake, Pacific Climate Change Centre, Secretariat of the Pacific Regional Environment Programme | | |
| Parallel Sessions Theme – Pacific Climate Partnerships | | | |
| Room/venue | D101 | D201 | Niule'a Seminar Room |
| Session | <u>D2-Session 5 (D2-S5)</u> | <u>D2-Session 6 (D2-S6)</u> | <u>D2-Session 7 (D2-S7)</u> |
| Session Sub-theme | The Future is Here | Partnerships: Climate change is everyone's business | Climate Displacement and Security Law as a tool for change |
| 14.10 – 15.14 (74 minutes) | <i>This session will focus on youth as the voice of tomorrow and agents of change now.</i> | <i>This session will focus on the role of partnerships in the Pacific to address climate change for development and survival.</i> | <i>This session will focus on migration in the Pacific due to climate issues and climate justice and discuss what security means for now and into the future. This session will focus on the law as a tool for change, whether legislation or court cases.</i> |
| Facilitators | Ms Vanda Faaso-Chan Ting | Dr. Sam Amosa | Associate Prof. Anita Latai-Niusulu |

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| 14.00 – 14.17 | Carbon Management and Climate Change Mitigation Grayham Bercy Tahu | Climate change and its diplomatic impacts in the Blue Pacific: a necessary – or post(neo)colonial – evil? Eric Frécon | Resilience and Justice in Climate Migration Samantha Velluti |
| 14.19 – 14.36 | Strengthening Pacific professionals, enhancing locally-led climate change and disaster resilience-building actions: success stories from the Australia Pacific Climate Alumni Network (APCAN) Lilu Moala | Community resilience to climate change and disaster risk – how do we know what success looks like? Anna Gero, Tazrina Chowhury, Keren Winterford, Christine Lemau, Paulini Vakacegu, Ilimeleki Kaiyanuynu | The Climate Adaptation Research Programme (CARP): Developing local research capacity and capability within the Pacific region El-Shadan Tautolo, Loic Le De, Alayne Mikahere-Hall, Ei Mon Thinn Kyu, Ailsa Holloway |
| 14.38 – 14.55 | Why is it important to teach Pacific students to ask questions today? Thomas Hukahu | Opportunities for Strengthening Climate Knowledge Brokerage and Informed Climate Decision-Making in the Pacific Islands Region Ofa Ma’asi-Kaisamy, Rachel Nunn Crichton and DFAT | Science-based climate information services informing sectoral adaptation planning and associated decision-making in Vanuatu (Van KIRAP) Geoff Gooley, Sunny Seuseu, Moirah Matou, Nathan Eaton, Leanne Webb, Kevin Hennessy, Savin Chand, Kate Moriok, Rebecca Gregory |
| 14.57 – 15.14 | Learning from Frobenius Robin Skinner | Addressing the Adaptation-Finance Gap: Pathways for the Green Climate Fund in the Pacific Katherine Owens, George Carter, Susan Park and Gemma Viney | Using randomised control trials to evaluate climate change response options Paul Dargusch |
| 15.15 - 15.35 (20 minutes) | Break / Coffee at NUS Main Foyer Building A | | |
| Parallel Sessions (D2 – S9-12) | | | |
| Room/venue | D101 | D201 | Niule’a Seminar Room |
| Session | <u>D2-Session 9 (D2-S9)</u> | <u>D2-Session 10 (D2-S10)</u> | <u>D2-Session 11 (D2-S11)</u> |
| Session Sub-theme | Women and Climate Change | Tusitala: The Storyteller | Climate Finance |
| 15.40 – 16.54 (74 minutes) | <i>This session will focus on gender and the disproportionate impacts on women affected by the impacts of climate change.</i> | <i>This session will focus on the importance of storytelling and how the creative arts can connect communities and</i> | <i>This session will focus on the experiences and challenges of Pacific Island countries accessing climate finance and what climate finance means for the front line.</i> |

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| | <i>It will also examine where women are leading in response to climate change with a focus on best practices and gaps.</i> | <i>communicate what science and policy often miss.</i> | . |
| Facilitators | Dr. Honiara Amosa | Tavui Dr. Niusila Fa’amanatu-Eteuati | Dr. Siu Chan |
| 15.40 – 15.57 | Measuring the connections between Gender and the Environment in Samoa and the Pacific Mele Maualaivao | The Power of Pacific Stories: Resilience in the Narratives and Poetry of Creative Writers of the Pacific Sina Vaai | Our Islands, Our Culture, Our Identity. Stories of Pacific Islander Experiences of Non-Economic Loss and Damage Due to Climate Change Filomena Nelson, Jess Rodham |
| 15.59 – 16.16 | Participation of women with disability in disaster and climate resilience building in Fiji Metuisela Gauna | Reimagining Knowledge Sharing, Informed Decision-making, and Anticipatory Action in the Pacific Ofa Ma’asi-Kaisamy, Rachel Nunn Crichton, Siosua Latu | MIRAB as Climate Resilience Masami Tsujita |
| 16.18 – 16.35 | Migration, poverty and gender issues in the face of climate change Janet Oge | The Effects of Climate Change on Literacy in Samoa Judy Pouono | Economic and Social Impacts of Climate Change in Samoa Pulou Wright |
| 16.37 – 16.54 | Improving the Selectivity of a Traditional Stone weir (Ere Ere) Design in the Solomon Islands Serema Kwato’o | Food histories in the Pacific Islands: An international law inquiry into indigenous sovereignty and food sovereignty Theodora Valkanou | Recommendations to improve access to adaptation finance for Tuvalu Lisepa Paeniu |
| Social Event | | | |
| Room/venue | TBC | | |
| 18.30 – 20.30 (120 minutes) | Conference Dinner | | |

Thursday, 23 May 2024

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| 07.00 – 15.00 | Registration open in NUS Main Foyer Building A | | |
| Plenary | | | |
| Room/venue | NUS D201, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa. | | |
| 08.30 – 09.00 | All seated | | |
| 09.00 – 09.05 (5 minutes) | Welcome & Housekeeping | | |
| 09.05 – 09.06 | Opening prayer: Rev. James Shri Bhagwan | | |
| 09.10 – 09.35 (20 minutes + 5 minutes Q & A) | <p>Keynote Address (D3-AM)</p> <p>Hon. Hu'akavameiliku Siaosi Sovaleni Prime Minister of the Kingdom of Tonga</p> <p>Title: Transformative Climate Finance Investment for the Blue Pacific</p> <p>MC: Ofa Kaisamy, Pacific Climate Change Centre, Secretariat of the Pacific Regional Environment Programme</p> | | |
| 9.40 – 10.20 (10 minutes each) | <p>High-Level Climate Finance Panel Session (Emerald Sponsors)</p> <p>Hon. Hu'akavameiliku Siaosi Sovaleni Australia, Department of Foreign Affairs and Trade (DFAT) New Zealand, Ministry of Foreign Affairs and Trade (MFAT), H.E. Si'alei Van Toor – High Commissioner, NZ Asian Development Bank (ADB), Ms Melody Ovenden – Senior Specialist ADB</p> <p>Facilitator: Fred Patison, Pacific Climate Change Centre, Secretariat of the Pacific Regional Environment Programme</p> | | |
| 10.25 – 10.45 (20 minutes) | Morning Tea at NUS Main Foyer Building A | | |
| Parallel Sessions Theme – Climate Finance and Oceans | | | |
| Room/venue | D101 | D201 | Niule'a |
| Session | <u>D3-Session 1 (D3-S1)</u> | <u>D3-Session 2 (D3-S2)</u> | D3-Session 3 (D3-S3) |
| Session Sub-theme | The Blue Pacific in a Changing Ocean | Private Sector and Entrepreneurial Innovations | The Ocean and Climate Change Nexus |
| 10.50 – 12.52 (122 minutes) | <i>This session will focus on the Blue Pacific, what it means for different people, and how we navigate this political, economic, environmental, and</i> | <i>This session will focus on marine litter - a food security issue; potential impacts on fish and coral; and links to climate change. What are the innovative responses to this threat?</i> | <i>This session will focus on the ocean and climate change nexus and what this means for the Pacific including EEZ delimitations.</i> |

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| | <i>cultural collective ideal in a changing ocean.</i> | | |
| Facilitators | Dr. Alovale Sau | Aliimalemanu Dr. Bernadatte Samau | Galumalemana Faainuseiamalie Latu |
| 10.50 – 11.07 | Blue Carbon Ecosystems – Pacific Richard Mackenzie | Navigating the Nexus of Global Warming, Agriculture, and Food Security in a Changing Climate Shirley Anne-Getsi | Climate Change Resilience – Revegetation of Native Trees/Plants John Maiava |
| 11.09 – 11.26 | A quantitative study of the intertidal seagrass carbon stocks spatial distribution in Bootless Inlet, Papua New Guinea Lynette Petsul | ReefCloud: automated image analyses and statistical modelling to support Pacific coral reef monitoring and sharing of actionable data Manuel Gonzalez-Rivero and Emma Kennedy | Comparative Assessment of Food Loss and Climatic Risks in Dairy Farming Systems between Fiji and Australia Christian-Yves Amato-Ali, Viliamu Iese, Gayathri Mekala |
| 11.28 – 11.45 | Assessing Blue Carbon Management Strategies in the Asia-Pacific Region Stefanny Rebeca Alvarado and Hsiao-Chun Tseng | Can Indigenous knowledge and practices of food preservation be an insurance for coping mechanism in the face of extreme events. A case study in Nabuna, Koro Island Veisa.F, Lagi.K.R, Robaigau.A,Waqa-Sakiti.H, Iese.V | Food Security and Climate Change-Case Study in Samoa Anarosa Latulipe and Taema Imo-Seuoti |
| 11.47 – 12.04 | Outcomes of the II Session of the UN Global Indigenous Youth Forum and priorities for Indigenous Peoples' Food and Knowledge systems in the Pacific region Yon Fernandez de Larrinoa, Anne Brunel | Ki Mua: Towards a Fossil Fuel-Free Pacific Joe Moeono-Kolio | Correlation between macroinvertebrates and the distribution of rainfall and water temperature in Rural Rivers of Upolu Island, Samoa: Implications of Climate Change Sene Tapeaga-Satau and Patila Amosa |
| 12.06 – 12.23 | Rising Health Risk of Women Due to Climate-Induced Disaster & Challenges to Access Healthcare Services: An Empirical Study on South-West Coastal Belt Areas of Bangladesh Noor A Zannat Binta Mahfuza, Mahmudul Hasan Mridulb, Sadia Afreen Siminb, Md. Rakibul Islamc | Explore the Potential of a Climate Financing Initiative for Tourism in Samoa Isabella Partick | Strengthening resilience in Pacific Island Countries through the use of Climate Risk Decision Support Tools Sioeli Lolohea, Juli Ungaro, Herve Damlamian |
| 12.25 – 12.32 | Where is the climate money? Impacts of cyclones and droughts on farmers and fishers' livelihood and income and | Living Climate Change in the Pacific: Integrating traditional knowledge and contemporary science for effective | Combating Climate Change through Natural Products Research: A Perspective from Samoa |

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| | <p>strength of resilience in Vanua Levu, Fiji</p> <p>Viliamu Iese, Filipe Veisa, Rarokolutu Ratu Tevita, Anamaria Tagicakiverata, Mesake Volau, Jioje Fesaitu, Simone Naivalu, Epeli Waqa, Nasoni Roko, Nasalo Salote, Navunicagi Otto, Jyoti Prasad, Timoci Koliyavu, Rahul Prasad, Sereana Rabalotu, Maluseu Tapaeko, Ruci Kurucake, Adi Davila Talemaimaleya, Christian Amato-Ali, Alistair Christopher Ward, Sioata Lota, Isireli Qionimua, Lasarusa Donuvakayanuanu, Elisabeth Holland, Giulio Paunga, Reginald Singh, Simone Veilawa, Jennifer Cisse, Jennifer Philip, Krishnan Narasimha</p> | <p>interventions in a rapidly changing island environment</p> <p>Joeli Veitayaki</p> | <p>Sekotilani Alofi</p> |
| <p>12.35 – 12.52</p> | <p>Climate change, health and well-being</p> <p>Ofa Ma’asi Kaisamy, UoM and DFAT</p> | <p>Deconstructing the Barricades to Direct Access Funding Modality of Climate Change in the Solomon Islands</p> <p>Bradley Dalipanda</p> | <p>Will the West Antarctic Ice Sheet Collapse if we fail to keep warming well below 2 °C.</p> <p>Richard Levy, Tina van de Flierdt, Molly Patterson, Huw Horgan, Gavin Dunbar, Denise Kulhanek, SWAIS2C Team.</p> |
| <p>12.55 - 13.55 (60 minutes)</p> | <p>Lunch at NUS Main Foyer Building A</p> <p>Pathway to the 3rd UN Ocean Conference (UNOC3): The Need for International Mobilization. H.E. Laurence Beau Ambassador of France to New Zealand, the Cook Islands and Samoa</p> | | |
| <p>Plenary</p> | | | |
| <p>Room/venue</p> | <p>D201</p> | | |
| <p>13.55 – 14.20 (20 minutes + 5 minutes Q & A)</p> | <p>Keynote Address (D3-PM):</p> <p>Professor Transform Aqorau Vice Chancellor Solomon Islands National University</p> <p>Title: Traditional Knowledge and Practice as Adaptation and Mitigation Response to Climate Change.</p> <p>MC: Fred Patison, Pacific Climate Change Centre, Secretariat of the Pacific Regional Environment Programme.</p> | | |

| Parallel Sessions (D3 – S4-6) | | |
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| Room/venue | D101 | D201 |
| Session | <u>D3-Session 4 (D3-S4)</u> | <u>D3-Session 5 (D3-S5)</u> |
| Session Sub-theme | Community-Based Approaches and Traditional Knowledge | Sustainable Livelihoods for Pacific People |
| 14.25 – 16.19 (114 minutes) | <i>This session will provide an opportunity for reporting on targets achieved and challenges experienced with the Paris Agreement, Aichi targets, and the UN Oceans.</i> | <i>This session will focus on the correlation of a healthy ocean, with sustainable livelihood for Pacific people including the contribution of fisheries to the region as a source of food and economic revenue.</i> |
| Facilitators | Associate Professor Masami Tsujita | Associate Prof. Muliagatele Rasela Tufue-Dolgoy |
| 14.25 – 14.42 | The Nature-based Solutions Design Guide for Te Moananui Oceania Maibritt Pedersen Zari, Victoria Chanse, Kamiya Varshney, Oliver Brockie | Community resilience planning through interdependence thinking Nick Mattiske, Pouniu Stephen Hazelman, Michelle Abel |
| 14.45 – 15.02 | Climate Change impact on indigenous knowledge and traditions Solamalemalo Hai-Yuean Tualima | Historical Mobilities and Contemporary Rootedness as Resilience in Climate Change: Tuvaluan Diaspora Within Oceania Fetaomi Tapu-Qiliho |
| 15.24 – 15.41 | Assessing the effectiveness of Traditional Knowledge methods on climate and weather forecast within local communities of Samoa Roya Ieremia, Ioana Chan Mow, Taema Imo-Seuoti | Implications of the changing climate to Kava; lessons from Kava Farmers in Vanualevu, Fiji Ratu Tevita Rarokolutu, Anamaria Tagicakiverata, Jioje Fesaitu, Claude Daveta |
| 15.43 – 16.00 | Indigenous understanding for community resilience visioning Nick Mattiske, Pouniu Stephen Hazelman, Michelle Abel | Sustainable Agricultural Intensification in Pacific Countries as a Pathway to Transformational Climate Change Adaptation Rainer Hofmann, Tim Reeves, David Ugalde, Dorin Gupta, Gayathri Mekala, Surinder Singh Chauhan, Lau Viliamu Iese, Joeli Veitayaki, John Oakeshott, Ellen Ira |
| 16.02 – 16.19 | Guardians – An Environmental Educational Programme fostering environmental literacy in Samoa Le'ausalilo Leilani Duffy-Iosefa | Redefining the humanitarian landscape from a Pacific Indigenous lens for mental health awareness Petra Satele and Malcolm Andrews |

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| 16.20 – 16.40 (20 minutes) | Break / Coffee at NUS Main Foyer Building A |
| Closing Ceremony | |
| Room | NUS D201, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa. |
| 16.45 – 16.50 | All seated for the closing ceremony |
| 16.50 – 17.20 (30 minutes) | Closing Ceremony <ul style="list-style-type: none"> ▪ Announcement of the next Conference: Associate Professor Luamanuvao Dame Winnie Laban, Professor Tuifuisa'a Patila Aмоса, Sefanaia Nawadra ▪ Conference thanks – VUW VC / NUS VC / SPREP DG ▪ Reverend for closing prayer – Rev. James Shri Bhagwan |

Friday, 24 May 2024

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| 07.00 – 8.45 | Registration open in NUS Niule'a Seminar Room |
| Workshop | |
| Room | Niule'a Seminar Room, National University of Samoa, Le Papaigalagala Campus, To'omatagi, Samoa |
| Workshop Theme | Coastal Adaptation Dialogue on Addressing and Managing the Impact from Sea-Level Rise in the Pacific |
| Facilitator | Professor Timothy Naish & PCCC SPREP |
| Time | 9.00 – 16.00 |
| 7.00 – 8.45 | Registration open in Climate Change Centre, SPREP |
| Workshop | |
| Room | Pacific Climate Change Centre, SPREP, Vailima, Samoa |
| Workshop Theme | Indigenous Research Network |
| Facilitator | Shiloh Babbington (MPI) & PCCC SPREP |
| Time | 9.00 – 12.00 |
| 11.00 – 12.30 | Registration open in Climate Change Centre, SPREP, Vailima, Samoa |
| Workshop | |
| Room | Pacific Climate Change Centre, SPREP, Vailima, Samoa |
| Workshop Theme | Agricultural Inventory Capability Building Workshop |
| Facilitator | Andrea Pickering (MPI) & PCCC SPREP |
| Time | 13.00 – 16.00 |
| Lunch | 12.00 – 13.00 (Sponsored by MPI) |

