Climate change in the Deep Pacific and Deep Blue Economies

Pacific Islands Science Perspectives on Climate Change and Deep Blue Economies

Ms. Elisabeth A. Holland, Norway Pacific Chair in Oceans and Climate Change, University of the South Pacific and the University of Bergen.

The Importance of Monitoring Programs for Observing Climate Impacts in the Deep Pacific

Ms. Natalya Gallo, Postdoctoral Scholar Scripps Institution of Oceanography, NOAA Southwest Fisheries Science Center and the Center for Climate Change Impacts and Adaptation.

Climate Change and Deep Blue Pacific Economies: Modern Challenges for Traditional Island Societies


Climate, Tuna Fisheries and Resource Extraction in the Deep Pacific

Mr. Thierry Nervale, Deputy Director of the Geoscience Energy and Maritime Division of the Pacific Community (SPC).

Building climate resilience into deep blue industries

Ms. Lisa Levin, Distinguished Professor of Biological Oceanography, Scripps Institution of Oceanography.

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DATE: Wednesday 11th December 2019

LOCATION: Blue Moana Pacific Pavillion - COP 25 (Madrid)

TIME: 10:00AM - 11:00AM
Ms. Lisa Levin
Dr. Lisa Levin is a Distinguished Professor of Biological Oceanography at Scripps Institution of Oceanography. She is co-founder and serves as co-lead of both the Deep Ocean Stewardship Initiative, which brings deep-sea science to policy makers, and the Deep Ocean Observing Strategy which coordinates deep observing to benefit science and society. Her research, conducted in the Pacific, Indian and Atlantic Oceans, addresses the ecology of deep-ocean ecosystems and the impacts of climate change, with a focus on methane seeps, oxygen minimum zones and ocean deoxygenation. She has contributed to the IPCC as lead author on the SROCC, a contributing author on AR5 and a review editor on AR 6.

Mr. Thierry Nervale
Thierry Nervale is Deputy Director of the Geoscience Energy and Maritime Division of the Pacific Community (SPC) and is responsible for the oceans and maritime programme which provides scientific and technical assistance to Pacific Islands Countries and Territories in a wide range of areas such as the establishment of maritime boundaries and the development of coastal inundation forecasting to ocean observation and prediction, ocean literacy and maritime safety. Thierry is originally a specialist in maritime affairs and currently the Coordinator of the Pacific Community Centre for Ocean Science (PCCOS).

Ms. Natalya Gallo
Dr. Natalya Gallo is a post-doctoral scholar at the Scripps Institution of Oceanography at UCSD. She is also an affiliate of the NOAA Southwest Fisheries Science Center and the Center for Climate Change Impacts and Adaptation. She studies climate change trends using the California Cooperative Oceanic Fisheries Investigations (CalCOFI) time series. CalCOFI is an ecosystem monitoring program now in its 70th year, and the lessons learned from CalCOFI can inform other Pacific ecosystem monitoring programs. Her research focuses on how ocean warming and deoxygenation impact habitat availability for fisheries species.

Mr. Clement Yow Mulalap
Clement Yow Mulalap is an international lawyer with a focus on the law of the sea, climate change law, and Indigenous Peoples law. Clement (or ‘Yow,’ as he is more commonly called on his home island of Wa’ab in the Federated States of Micronesia) has been the legal adviser for the Permanent Mission of the Federated States of Micronesia to the United Nations for nearly a decade, during which time he has helped author government submissions to the International Seabed Authority, the International Tribunal for the Law of the Sea, and various multilateral environmental processes; as well as represented the Federated States of Micronesia in negotiations for major multilateral environmental agreements, including the Paris Agreement and related instruments under the United Nations Framework Convention on Climate Change.

Ms. Elisabeth A. Holland
Professor Elisabeth Holland is the Norway Pacific Chair in Oceans and Climate Change a joint appointment of the University of the South Pacific and the University of Bergen based at the University of the South Pacific. Professor Holland brings 30 years of climate change and earth system research experience to support the development of Pacific research capacity. Elisabeth’s research focuses on Pacific ocean:climate interactions and the science:policy interface. She supports the empowerment of Pacific students and communities to build resilient futures. Professor Holland has authored 5 of the 6 IPCC reports including the recently released Special Report on the Ocean and Cryosphere in a Changing Climate serving as a US, German and now Fiji & Solomon Islands representative. Professor Holland has been honored as a Leopold Fellow, a Fellow of the American Associate of the Advancement of Sciences, and co-recipient of the 2007 Nobel Peace Prize as a member of the IPCC author team.

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