

DAY 1 - CLIMATE SECURITY CHALLENGES IN THE PACIFIC

TUESDAY, 21 MAY 2019

0 8 0 0 - 0 8 4 5	REGISTRATION
0 8 4 5 - 0 9 1 0	<p>Opening Ceremony Comments from: <i>Honourable Ron Mark, Minister of Defence, New Zealand</i> and <i>Honorable Scott P. Brown, U.S. Ambassador to New Zealand and the Independent State of Samoa</i></p>
0 9 1 0 - 0 9 2 0	GROUP PHOTO
0 9 2 0 - 0 9 5 0	BREAK 1
0 9 5 0 - 1 0 0 0	<p>Administrative Reminders <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i></p>
1 0 0 0 - 1 0 1 0	<p>Climate Science Overview: Introduction to <i>Climate Security Challenges in the Pacific Theme</i> <i>Professor James Renwick, School of Geography, Environment and Earth Sciences, Victoria University, New Zealand</i></p>
1 0 1 0 - 1 0 3 0	<p>New Zealand Defence Assessment on Climate Change <i>Ms. Jane Neilson, Senior Policy Analyst (Climate Change and Security), Ministry of Defence, New Zealand</i></p>
1 0 3 0 - 1 0 5 0	<p>Tropical Cyclone Gita: A HMAF Experience <i>Maj Soane Aholelei, Component Commander - Training, His Majesty's Armed Forces, Tonga</i></p>
1 0 5 0 - 1 1 0 0	BREAK 2
1 1 0 0 - 1 1 2 0	<p>Climate Change-Related Human Mobility in the Pacific <i>Dr. Nathan Ross, Development Manager, Climate Change and Environment, Ministry of Foreign Affairs & Trade, New Zealand</i></p>
1 1 2 0 - 1 1 4 0	<p>Climate Migration and Adaptation for Carteret Islanders in Bougainville, Papua New Guinea <i>Ms. Ursula Rakova, Executive Director, Tulele Peisa, Papua New Guinea</i></p>
1 1 4 0 - 1 2 1 5	<p>Climate Security Panel Session Moderated by <i>Ms. Alexandra Pierard, Director, Global and Oceania International Branch, New Zealand Ministry of Defence, New Zealand</i></p>
1 2 1 5 - 1 3 1 5	WORKING LUNCH
1 3 1 5 - 1 3 3 5	<p>Pacific Environmental Security Partnership (PESP) Introduction <i>Mr. Christopher Sholes, Environmental Security Program Manager, U.S. Indo-Pacific Command</i></p>
1 3 3 5 - 1 3 4 5	<p>PESP Work Group Overview <i>Col Mike Matheis, Civil Engineer, U.S. Indo-Pacific Command</i></p>

DAY 1 - CLIMATE SECURITY CHALLENGE IN THE PACIFIC (CONTINUED)

TUESDAY, 21 MAY 2019

		PESP Work Group Session #1			
		Education	Mitigation	Networking	Policy
1 3 4 5	- 1 4 0 5	Environmental Sensitivity Index (ESI) <i>Surgeon Captain Duminda Indunil Samarawickrama, Senior Command Officer, Western Naval Command, Sri Lanka Navy, Sri Lanka</i>	Grounding of MV Solomon Trader: Its Intricacies and Related Experiences <i>Mr. Joe Horokou, Director of Environment and Conservation Division, Ministry of Environment, Climate Change, Disaster Management and Meteorology, Solomon Islands</i>	Information Sharing <i>Mr. Jared Batzel, Pacific Disaster Center, J9, U.S. Indo-Pacific Command, USA</i>	Climate Resilience practices in the U.S. Department of Defense <i>Lt Col Chad Gemeinhardt, Military Deputy, Office of the Secretary of Defense - Environment, USA</i>
1 4 0 5	- 1 4 1 0	MOVE TO NEXT SESSION			
		PESP Work Group Session #2			
		Education	Mitigation	Networking	Policy
1 4 1 0	- 1 4 3 0	Role of Maritime Domain Awareness in Governance <i>Dr. Christopher Merritt, Maritime Technical Advisor, U.S. Mission to Association of Southeast Asian Nations</i>	Climate Change Adaptation and Mitigation through Sustainable Management of Wetlands in the Southern Most Two Atolls of the Maldives <i>Mr. Mohamed Hamdhaan Zuhair, Assistant Director, Environmental Protection Agency, Maldives</i>	Using Diverse Networks to Find New Opportunities and Avoid Entrenchment <i>Dr. George Woodman, Director, Teng Hoi Conservation Organization Ltd.</i>	Climate Change and Defense: a National and International Roadmap <i>Dr. Nicolas Regaud, Special Representative to the Indo-Pacific, France</i>
1 4 3 0	- 1 5 0 0	BREAK 3			
1 5 0 0	- 1 5 2 0	Environmental Intelligence: Products and Decision Support Services from NOAA <i>CAPT Barry Choy, Liaison Officer to U.S. Indo-Pacific Command, National Oceanic & Atmospheric Administration (NOAA), USA</i>	Humanitarian Mine Action Program <i>Capt Julie Mages, Engineering Plans Officer, U.S. Indo-Pacific Command</i>	Security Cooperation- A Case Study of Successful Tiger Conservation <i>Mr. Sanjeev Pandey, Program Management Specialist, Office of Defense Cooperation, U.S. Embassy, Kathmandu</i>	Compliance Monitoring Of Sustainable Coastal Management of Offshore Islands with Support from NZDF and Other Maritime Agencies <i>Ms. Sarah Hucker, Senior National Resource Management Act Advisor, Department of Conservation, New Zealand</i>
1 5 2 0	- 1 5 2 5	MOVE TO NEXT SESSION			

<p>1 5 2 5 - 1 5 4 5</p>	<p>Australia's Experience in Supporting Water Security in the Indo-Pacific <i>Mr. Russell Rollason, Assistant Director - Water Resource Management, Governance Fragility and Water Branch, Development Policy Division, Department of Foreign Affairs & Trade, Australia</i></p>	<p>Conserving Natural Resources through Sustainable Design <i>MAJ Jim Servi, Engineering Plans Officer, U.S. Indo-Pacific Command</i></p>	<p>Combatting Environment and Forestry Crime through Multiple Instruments of Law Enforcement: Case of Forest Fire in Indonesia <i>Dr. Rasio Ridho Sani, Director General of Law Enforcement of Environment and Forestry, Ministry of Environment and Forestry, Indonesia</i></p>	<p>How to Reduce Open Burning in Southeast Asia <i>Dr. Qwanruedee Chotichanathawon, Director of Research Center for Environmental Strategy, Division of Research Policy and Plan, The National Research Council of Thailand</i></p>
<p>MOVE TO PLENARY</p>				
<p>1 5 4 5 - 1 5 5 0</p>	<p>Administrative Summary and Waiata (Traditional Māori Song Practice for Evening Reception) <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i></p>			
<p>1 5 5 0 - 1 6 0 0</p>	<p>EVENING RECEPTION <i>The Grand Hall at Parliament Whakatau</i> <i>Comments by the Honourable Winston Peters, Deputy Prime Minister and Minister of Foreign Affairs, New Zealand</i></p>			
<p>1 7 3 0 - 1 9 0 0</p>				

DAY 2 - ENVIRONMENTAL SECURITY AND RESOURCE SUSTAINABILITY

WEDNESDAY, 22 MAY 2019

0 9 0 0 - 0 9 0 5	Administrative Remarks <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i>
0 9 0 5 - 0 9 1 5	Introduction to Environmental Security and Resource Sustainability Theme <i>Mr. Justin Allan, Principal Maritime Policy Advisor, National Maritime Coordination Centre, New Zealand</i>
0 9 1 5 - 0 9 3 5	Climate Change, Maritime Security and Resource Protection <i>Rear Admiral David Proctor, Chief of the Royal Navy of New Zealand</i>
0 9 3 5 - 1 0 0 0	Maritime Domain Awareness and Resource Protection <i>Ms. Sylvie Goyet, Director of Climate Change and Environmental Sustainability Programme, Pacific Community</i>
1 0 0 0 - 1 0 3 0	BREAK #1
1 0 3 0 - 1 0 5 5	Biosecurity Intelligence - Assessing Future Biosecurity Threats <i>Dr. Eve Pleydell, Team Manager - Biosecurity Intelligence, Ministry for Primary Industries, New Zealand</i>
1 0 5 5 - 1 1 2 0	Eradication of Island Invasives in the New Zealand Subantarctic <i>Mr. Stephen Horn, Maukahuka Pest-Free Auckland Island Project Manager, Department of Conservation, New Zealand</i>
1 1 2 0 - 1 2 0 0	Environmental Security and Resource Sustainability Panel Session <i>Moderated by Mr. Justin Allan, Principal Maritime Policy Advisor, National Maritime Coordination Centre, New Zealand</i>
1 2 0 0 - 1 3 0 0	WORKING LUNCH
1 3 0 0 - 1 3 4 5	Lessons from the Past: What Can Traditional Environmental Knowledge Teach Us? <i>Ms. Melanie Mark-Shadbolt, Kaihautu Chief Māori Advisor, Ministry for the Environment, New Zealand</i>
1 3 4 5 - 1 4 1 5	BREAK #2
1 4 1 5 - 1 4 2 0	Administrative Summary <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i>
1 4 2 0 - 1 4 3 0	Walk to Te Papa Museum
1 4 3 0 - 1 6 0 0	Traditional Māori and Environmental Exhibits Tour <i>Te Papa Museum</i>

DAY 3 - MULTILATERAL APPROACHES TO ENVIRONMENTAL SECURITY

THURSDAY, 23 MAY 2019

0 9 0 0 - 0 9 0 5	Administrative Remarks <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i>
0 9 0 5 - 0 9 1 5	Introduction to <i>Multilateral Approaches to Environmental Security</i> Theme <i>Air Commodore Kirrily Dearing, Director General Support J1/4, Headquarters Joint Operations Command (HQJOC), Australia</i>
0 9 1 5 - 0 9 3 5	Multilateral Approach to Environment Security - A PIFS Perspective <i>Mr. Terio Koronawa, Regional Security Officer, Pacific Islands Forum Secretariat</i>
0 9 3 5 - 1 0 0 0	Bangladesh-India Sundarban Region Cooperation Initiative: A Vision for Joint Platform <i>Dr. Uttam Kumar Sinha, Fellow and Managing Editor, Strategic Analysis, Institute for Defence Studies and Analyses, India</i>
1 0 0 0 - 1 0 3 0	BREAK #1
1 0 3 0 - 1 0 5 0	Importance of Multilateral Cooperation for Mitigating Potential Environmental Security Threats in the SPREP Region <i>Mr. Roger Cornforth, Deputy Director General, Secretariat of the Pacific Regional Environmental Programme</i>
1 0 5 0 - 1 1 2 0	What, Who and How: Synergies for Environmental Security from a United Nations Perspective <i>Dr. Lisa Guppy, Disaster and Conflict Regional Coordinator (Asia/Pacific), United Nations Environment Programme (UNEP)</i>
1 1 2 0 - 1 2 0 0	<i>Multilateral Approaches to Environmental Security</i> Panel Session <i>Moderated by Air Commodore Kirrily Dearing, Director General Support J1/4, Headquarters Joint Operations Command (HQJOC), Australia</i>
1 2 0 0 - 1 3 0 0	WORKING LUNCH
1 3 0 0 - 1 3 1 5	Environmental Security Exercise Introduction <i>Mr. Justin Pummell, Geographer, U.S. Army Corps of Engineers, USA</i>
1 3 1 5 - 1 3 2 0	Environmental Security Threat Identification
1 3 2 0 - 1 3 5 0	Regional Threat Prioritization Exercise
1 3 5 0 - 1 4 1 5	Regional Threat Prioritization Presentations
1 4 1 5 - 1 4 4 5	BREAK #2
1 4 4 5 - 1 5 4 5	Environmental Sensitivity Index Exercise
1 5 4 5 - 1 6 0 0	Environmental Security Exercise Summary <i>Mr. Christopher Sholes, Environmental Security Program Manager, U.S. Indo-Pacific Command</i>
1 6 0 0 - 1 6 1 0	Administrative Summary <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i>

DAY 4 - ENVIRONMENTAL SECURITY TRANSFORMATION

FRIDAY, 24 MAY 2019

0 9 0 0 - 0 9 0 5	<p>Administrative Remarks <i>Mr. John Anakotta, Senior Policy Officer, Ministry of Foreign Affairs and Trade, New Zealand</i></p>									
0 9 0 5 - 0 9 1 5	<p>Introduction to <i>Environmental Security Transformation</i> Theme <i>Dr. John Wood, Director, Pacific Outreach (J9), U.S. Indo-Pacific Command</i></p>									
0 9 1 5 - 0 9 4 5	<p>PESP Terms of Reference <i>Mr. Christopher Sholes, Environmental Security Program Manager, U.S. Indo-Pacific Command</i></p>									
0 9 4 5 - 1 0 0 0	<p>PESP Structure <i>COL Mike Goodyer, Senior Environmental Planner, SPT Branch, Headquarters Joint Operations Command, Australia</i></p>									
1 0 0 0 - 1 0 3 0	BREAK #1									
1 0 3 0 - 1 1 1 5	PESP Terms of Reference Group Review									
	1	2	3	4	5	6	7	8	9	10
1 1 1 5 - 1 2 1 5	<p>Project Collaboration Development Session <i>Mr. Christopher Sholes, Environmental Security Program Manager, U.S. Indo-Pacific Command</i></p>									
1 2 1 5 - 1 3 1 5	WORKING LUNCH									
1 3 1 5 - 1 4 0 0	Project Collaboration Outbriefs by Countries									
1 4 0 0 - 1 4 3 0	<p>Environmental Security After-Action Review Elaboration Session <i>Moderated by Col Mike Matheis, Civil Engineer, U.S. Indo-Pacific Command</i></p>									
1 4 3 0 - 1 4 4 5	<p>2020 Pacific Environmental Security Forum Proposal <i>CG/CDR Lazaro Ernesto C. Valdez, Jr., Chief of Staff, National Coast Watch Center, Philippines</i></p>									
1 4 4 5 - 1 5 1 5	BREAK # 2									
1 5 1 5 - 1 5 3 0	<p>Closing Ceremony Comments by: <i>Rear Admiral John J. Adametz, Commander, Naval Facilities Engineering Command Pacific, USA</i> and <i>Her Excellency Kay Harrison, Climate Change Ambassador, Ministry of Foreign Affairs and Trade, New Zealand</i></p>									
1 5 3 0 - 1 6 0 0	Certificate and Photo Distribution									