

# 2023 Marianas Terrestrial Conservation Conference and Workshop

\*\* indicates a student speaker

Tuesday, February 21st

Time	Presenter	Co-authors	Title	Session	
8:00	Joni Kerr, Ann Marie Gawel, Haldre Rogers, Steven Johnson	Welcoming Remarks, Introduction to Tano Tasi yan Todu			
8:15	Maria Kottermair	NA	Applications of Elevation Data for Natural and Cultural Resources Management	Tools & Conservation Planning (Moderated by Steven Johnson)	
8:30	Else Demeulenaere	Jay Gutierrez	Conserving Guam's Biological Heritage		
8:45	Tim Clark	Olympia Terral, Martin Kastner, MJ Mazurek, Eben Paxton, Amy Yackel Adams	Establishing a Beachhead at Asan Beach Unit, War in the Pacific National Historical Park by Engaging Citizen Science and Partnerships for Invasive Brown Treesnake Removal to Facilitate Native Species Recovery		
9:00	Ann Marie Gawel (recorded)	Haldre Rogers	Valuing Cultural and Biological diversity		
9:15	Elliott Parsons (virtual)	Roland Quitugua, Glenn Dulla, Bradley Eichelberger, Heather Kerkering, Jeff Burgett, Laura Brewington, Nikki Read, Aireona Braschke & Annette Evans	Working Together on Climate Change and Invasive Species Issues through the Pacific Regional Invasive Species and Climate Change Management Network		
9:30	Moñeka De Oro	Jasmine Flores-Cantrell, Representative Sheila Babauta	Climate Change and international Advocacy		
9:45	<b>Panel discussion - Tools &amp; Conservation Planning</b>				
10:00	Break				
10:15	Olympia Terral	Martin Kastner	Long-term and seasonal trends in BTS captures by the Friends of Islan Dãno' volunteer group	Invasive species monitoring and control (Moderated by Ann Marie Gawel)	
10:30	Melia Nafus	Amanda Reyes, Thomas Fies, Scott Goetz	The application of adaptive resource management to reptile eradication: A case study in brown treesnakes		
10:45	Richard Camp (virtual)	Mathew D. Burt, Scott Vogt, and Trevor M. Bak	Distance sampling with camera traps to estimate ungulate densities		
11:00	Anna Staudenmaier (virtual)	Lisa Sztukowski, Joaquin Fujihira, James Bamba	Estimating Philippine brown deer abundance on the island of Luta		
11:15	Adrienne Loerzel	NA	Expanding ungulate management on Guam		
11:30	Ken Puliafico	Samantha Al-Bayer, Haldre Rogers, Jerilyn Calaor	Metabarcoding of the Pacific - Marianas Arthropods		
11:45	<b>Panel discussion - invasive Species &amp; Control</b>				
<b>12:00 - 1:00 - Catered Lunch at Guam Community College</b>					
1:00	Jill Liske-Clark	NA	Status of Ornamental Fadang (Cycas micronesica) on the Tinian Military Lease Area	Native Plants (moderated by Jimmy Camacho)	
1:15	Nathan Sablan	Martin Kastner, Jennifer A. Tate, Amir Sultan, Wei Xiao, Chaz F. Comia, Prashant Joshi	Description, phylogenetic relationships, and conservation of Korthalsella mistletoes on Guam		
1:30	Sheeka Tareyama	NA	Translocation of federally listed orchids		
1:45	Kurason I Sengsong - Island Girl Power	Barbara Burkhardt, Justin Hale, Juanita Blaz	Rainforest Restoration and Environmental Stewardship Projects		
2:00	Wellness Break with Moñeka and Franceska De Oro				
2:15	CJ Paulino**	NA	Seedling-enemy ecology in a Pacific Island limestone forest		
2:30	Haldre Rogers	Evan Fricke	Impact of Invasions and Extinctions on Forest Successional Trajectories		
2:45	James B. Friday (virtual)	Diane Haase, USDA Forest Service, Ruddy Estoy, Guam Forestry, James Manglona, Rota Forestry, and Ryan Talken, Yap Forestry.	Soil amendments to improve reforestation success in Micronesia		
3:00	<b>Panel discussion - Native plant restoration</b>				
3:15					
3:30	<b>Short Discussion on Recruitment and Retention of Employees in the Environment/Conservation Sector in the Marianas (Melia Nafus, Haldre Rogers, Steven Johnson)</b>				
3:45	Break & Setup for Career Fair				

4:00 - 5:30	<b>JOB/CAREER FAIR</b> Guam Department of Agriculture, Biosafety Division; Guam Department of Agriculture, Division of Aquatic and Wildlife Resources; Guam Department of Agriculture, Forestry & Soil Resources Division; NOAA's Office of Coastal Management; Pacific Island Fisheries Science Center; Tano Tasi yan Todu; University of Guam Center for Island Sustainability; University of Washington Aga Recovery Project; US Fish and Wildlife Service; US National Park Service; USDA Forest Service; USGS Brown Tree Snake Project; Virginia Tech- Ecology of Bird Loss Project	
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<b>Wednesday, February 22nd</b>		
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<b>Morning</b>	Birding with Marianas Audubon - 8AM (~ 3 hours)	Explore Marianas avifauna at Jeff's Pirate Cove, the Talofof fish ponds, and Layon landfill. Led by Martin Kastner.
	Camp Blaz Restoration Sites - 8am - 12pm	The Camp Blaz Caigut forest enhancement site is located north of the new Camp Blaz base in Northern Guam. The tour will visit the forest enhancement site to check out progress of the forest
	Lamlam Limestone Forest - 9AM (~ 4 hours)	Limestone forest botanical tour at Mt. Lamlam. Led by CJ Paulino.
	Kurason I Sengsong - 9 AM	Discuss community conservation and native plants at Island Girl Power, Isengsong Road, Dededu. Led by Juanita Blaz and Barbara Burkhardt.
	Ritidian Refuge - 9AM (~ 2 hours)	Cave tour exploring roughly a quarter mile of Guam's majestic limestone cliff line along coastal strand forest. Visit Ritidian Beach Cave and the Ritidian Pictograph Cave to see pictographs by ancient CHamorus that are thousands of years old. Led by Marybelle Quinata.
	Mangrove Habitats - 9:30AM (~ 1.5 hours)	Explore the mangrove mudflat and the various wildlife that use the mangrove habitat at Sasa Bay Marine Preserve at the Marianas Yacht Club. Led by Cara Lin
	Bee-keeping 1 - 10AM (~2 hours)	Bee-keeping tour at former Southern Comfort Ranch in Inalåhan. Led by Christopher Rosario.
<b>Afternoon</b>	Guam Forestry Replanting Malessso - TBD	
	Bee-keeping 2 - 3PM (~2 hours)	Bee-keeping tour UOG Triton Farm, Yigu. Led by Christopher Rosario.
<b>Evening</b>	Clean-up at Tinago Falls - Time TBD	River and forest clean-up (trash pick-up) in area of popular waterfalls hike in Inalåhan. Led by Farron Tajeron
	Islan Dano Night Searching - 5:45PM (~ 3 hours)	Search for invasive brown tree snakes at Islan Dano (Cocos Island). Led by Olympia Terral and Martin Kastner.

<b>Thursday, February 23rd</b>				
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Time	Presenter	Co-authors	Title	Session	
8:00	Joni Kerr, Ann Marie Gawel, Haldre Rogers, Steven Johnson	Welcome, Tribute to Dick Randall			
8:15	Kaeli Swift	Fletcher Moore and Beth Gardner	Breeding biology of the Tinian monarch (Monarcha takatsukasae)	Native birds (moderated by Haldre Rogers)	
8:30	Fletcher Moore	Kaeli Swift and Beth Gardner	White-eyed, red-handed: novel observations of nest material kleptoparasitism by Zosterops conspicillatus on Tinian Island		
8:45	Amanda W. Santos and Bradley A. Eichelberger	NA	Habitat Use Area and Selection for the Ga'Ga' Karisu/Nightingale Reed-warbler (Acrocephalus hiwae) on Saipan		
9:00	Willson Gaul	Jaden Villacrusis, Alexander Tudela, Margo Quitugua	Acoustic analysis and automated detection of vocalizations from Totut (Mariana Fruit Dove, Ptilinopus roseicapilla)		
9:15	Martin Kastner**	Haldre Rogers, Kayla Baker, Shane Siers, Eben Paxton, Scott Goetz, Melia Nafus	Response in Sali fledgling survival to Brown Treesnake baiting on Andersen Air Force Base, Guam		
9:30	Eben Paxton (virtual)	NA	Yáyaguak Population Trends on Guam		
9:45	<b>Break</b>				
10:00	Sarah Faegre (virtual)	Phillip Hannon, Henry Fandel	Aga Rear-and-Release on Rota: Impacts and Outcomes		
10:15	Henry Fandel	Sarah Faegre	Human Dimensions of Aga Conservation		
10:30	Ellie Roark	NA	Progress report for the Marianas Avifauna Conservation Plan		
10:45	John Bender**	Peter Luscomb, Herb Roberts, Hannah Bailey, and Steve Mullin	Translocations methods for three species of birds in the Northern Mariana Islands		
11:00	<b>Panel discussion - Native Bird Conservation</b>				
11:15	<b>Panel discussion - Native Bird Conservation</b>				
11:30 - 12:00	<b>Poster session - Flash talks- 1 slide per person, then poster session will continue through lunch</b>				Poster Session & Break
	Jonae Sayama**	Identifying Plant Species from Pollen Samples from Honey Bee Hives on Guam			
	Jaden Villacrusis**	Deciphering Songs of the Mariana Fruit Dove (Ptilinopus roseicapilla)			
	Alexander Tudela**	Analyzing CNMI Forest Bird Recordings to Discover a Dawn Chorus			
	Dacia Wiitala	2022 Rota Island-wide Surveys			
Jack Christie**	How many hilitai? Population parameters of a controlled native predator on Islan Dano' (Cocos Island), Guam				

12:00- 1:00 - Catered Lunch at Guam Community College					
1:00	Post lunch announcements				
1:15	Matthew Putnam**	Dr. Aubrey Moore, Dr. Else Demeulenaere, Dr. G.C. Fiedler	Successful captive rearing of the Marianas eight spot butterfly, <i>Hypolimnas octocula marianensis</i>	Other Native Animals - (Moderated by Joni Kerr)	
1:30	G. Curt Fiedler	Alex M. Kerr, Charles J. Paulino	Mollusk and Plant Surveys of the Islets of Guam		
1:45	Frank A. Camacho	Daniel P. Lindstrom, Nicholas A. Camacho, Kate S. Moots	The effect of a dam on streamfish assemblages in the Geus River, Malessos'		
2:00	Trey Dunn	Robert Fisher, Scott Goetz, Logan Huse, Levi Gray, Thomas Fies, Melia Nafus, Bronson Curry, Rebecca Hamner, Bradley Eichelberger, Steve Mullin	Preliminary Results for Reptiles from the Rota Island-wide Survey in 2022		
2:15	<b>Break</b>				
2:30	Jonathan Richmond	Adam R. Backlin, Scott M. Goetz, Levi N. Grey, Bronson Curry, Emilie Kohler, Joseph Atalig	Ungulate-mediated habitat conversion threatens an endangered, indigenous skink in the central Mariana Islands		
2:45	Tom Mathies (virtual)	Robert N. Fisher, Cheryl S. Brehme, Melia G. Nafus, and Diane Vice	Development of an occupancy based sampling framework to determine the distribution of the Critically Endangered Mariana skink on Islan Dãno', Guam		
3:00	<b>Panel discussion - Native animals</b>				
3:15					
3:30	<b>Panel Discussion: How do we create island-wide and archipelago-wide conservation strategies?</b>				
3:45	Moderated by Steven Johnson				
4:00	Panelists: Christine Fejeran, Diane Vice, Henry Fandel, Melia Nafus, Else Demeulenaere, Tyler Wilsey, CNMI DFW Rep, Micronesia Conservation Trust Rep				
4:15	<b>Award Ceremony</b>				
<b>MTCC Reception at the Guam Museum</b>					
6:00 - 9:00	casual dress, light dinner & drinks				