

Hawaii State Department of Health
 Climate Change and Health Conference
 Hyatt Regency Waikiki Beach
 2424 Kalakaua Avenue, Honolulu HI 96815

Day 1 – October 23, 2024	
08:00 AM - 09:00 AM	Registration
09:00 AM – 09:15 AM	Welcome/Opening Remarks/Overview
09:15 AM – 10:15 AM	Opening Plenary: Impacts of Climate Change on Human Health in Hawaii Speakers: Charles “Chip” Fletcher, Diana Felton Moderator: Victoria Keener
10:15 AM – 10:30 AM	Break and Relocation to Breakout Rooms
Session 1	
10:30 AM – 11:30 AM	Breakout 1 – Makai Ballroom
	Breakout 2 – Mauka Ballroom
	Extreme Heat: The physical effects on vulnerable populations Speakers: Pao-Shin Chu, Elizabeth Kiefer William Aila Moderator: Lirio Hittle
	Heat & Cooling Strategies Speakers: Heather McMillen, Daniel Dinell, Neu-Wa O’Neill Moderator: Francis Wiese
Quick Hits 1	
11:30 AM – 12:00 PM	Breakout 1 – Makai Ballroom
	Breakout 2 – Mauka Ballroom
	Continuing the Conversation: Physical Effects of Heat Speakers: Daintry Bartoldus, Gloria Fernandez, Elizabeth Kiefer, Moderator: James McCallen
	Continuing the Conversation: Cooling Urban Spaces Speakers: Heather McMillen, Daniel Dinell, Neu-Wa O’Neill Moderator: Francis Wiese
12:00 PM – 01:00 PM	Lunch
Session 2	
01:00 PM – 02:00 PM	Breakout 1 – Mauka Ballroom
	Breakout 2 – Makai Ballroom
	Climate Change and Mental Health Speakers: Anthony Guerrero, Troy Freitas Moderator: Lirio Hittle
	Water and Climate Changes Watershed Management & Surface Water Protection in the Face of Climate Change Water Security & Climate Change – Global Perspectives Speakers: Scott Miyashiro, Erin Derrington Moderator: Francis Wiese
Quick Hits 2	
02:00 PM – 02:45 PM	Breakout 1 – Mauka Ballroom
	Breakout 2 – Makai Ballroom
	Continuing the Conversation: Climate Change and Mental Health Speaker: Troy Freitas Moderator: James McCallen
	Continuing the Conversation: Water & Climate Changes - How the work interconnects and can be integrated Moving Forward Speakers: Scott Miyashiro, Erin Derrington Moderator: Francis Wiese
02:45 PM – 03:00 PM	Break
03:00 PM – 04:00 PM	Closing Plenary: Climate Change and Disaster Impacts – Wildfires, Hurricanes, Floods Speakers: Christopher Benjamin Moderator: Judy Kern
04:00 PM	Adjourn



Hawaii State Department of Health
 Climate Change and Health Conference
 Hyatt Regency Waikiki Beach
 2424 Kalakaua Avenue, Honolulu HI 96815

Day 2 – October 24, 2024			
08:00 AM – 09:00 AM	Registration		
09:00 AM – 10:15 AM	Opening Plenary: Pacific Island Leadership in Climate Change & Health Panel: Kealoha Fox, Jocelyn “Josie” Howard, Kylie Wager Cruz Moderator: Victoria Keener		
10:15 AM – 10:30 AM	Break		
10:30 AM – 11:15 AM	Session 1		
	Climate Change and Health Equity – A Look at Cultural Equity & Social and Environmental Justice Panel: Mahealani Lum, Martina Kamaka, Katia Worley, Francis Wiese Moderator: Kealoha Fox		
11:15 AM – 12:00 PM	Session 2		
	Bridging Knowledge – What’s Happening Locally, Regionally, and Globally: Youth Perspective on Climate Change Impacts Panel: Hawaii Sustainable Development Goals (SDGs) Youth Council, Kamehameha Schools (KS) Ka’amauloa Pathway Moderator: Samantha Happ		
12:00 PM – 01:00 PM	Lunch		
01:00 PM – 02:00 PM	Session 3		
	Breakout 1 – Maloko Ballroom	Breakout 2 – Mauka Ballroom	Breakout 3 – Makai Ballroom
	Disease and Invasive Vectors Speakers: Sandra Chang, Sarah Kemble, Jeomhee Hasty Moderator: Lirio Hittle	Pollution & Environmental Degradation Natural Disasters, Debris Management and Hazardous Substances Speakers: Diana Felton and Nancy Convard Moderator: Francis Wiese	Public Safety Power Shutoff (PSPS), Health, and Emergency Management Panel: Kurt Tsue, Curtis Toma, Bryan Mick Moderator: Kevin Clarke
02:00 PM – 03:00 PM	Session 4		
	Breakout 1 – Maloko Ballroom	Breakout 2 – Makai Ballroom	Breakout 3 – Mauka Ballroom
	Vectors and the Environment Speakers: Matt Kurano, Jeomhee Hasty Moderator: Lirio Hittle	Hawaii State Initiatives to Address Climate and Health: Environmental Management Division (EMD) Integration of Climate Change, Health, and the Environment Speakers: Joanna Seto, Marianne Rossio, Michael Madsen Moderator: Nancy Convard	Food System Impacts & Cultural Implications Speakers: Albie Miles, Alicia Higa Moderator: Lala Nuss
03:00 PM – 03:15 PM	Break		
03:15 PM – 04:15 PM	Closing Plenary: Moving Forward – Key Takeaways and Coming Together Panel: Leah Laramee, Diana Felton Moderator: James McCallen		
04:15 PM	Adjourn		



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

Session Descriptions

Day 1 – October 23, 2024

Opening Plenary: Impacts of Climate Change on Human Health in Hawaii

This opening plenary will set the stage for the Department of Health's two-day Climate Change and Health Conference. Leading experts will present a concise scientific overview of the current and projected impacts of climate change on Hawai'i. Following this, the Department of Health will outline the critical connections between climate change and public health, highlighting the foundational steps already taken to establish a Climate Change and Health Program. These efforts align with frameworks provided by the CDC. This session will seamlessly transition into the two-day conference, which will delve into the many interconnected climate and health topics that will be explored in depth.

Extreme Heat: The Physical Effects on Vulnerable Populations

This session focuses on the disproportionate impact of extreme heat on vulnerable populations, including the elderly, people who are pregnant, children, people with disabilities, people with preexisting health conditions, and low-income communities. Panelists will examine how heatwaves exacerbate health disparities for various vulnerable populations.

Continuing the Conversation: Physical Effects of Heat

Continuation of part 1, panel.

Heat & Cooling Strategies

This session will explore strategies to manage and mitigate extreme heat in Hawai'i, highlighting innovative cooling solutions that protect public health and enhance livability. Topics will include expanding tree canopies, built environment approaches, passive cooling techniques, private sector approaches and community-based approaches. Participants will learn from case studies and insights from private sector, government, and non-governmental organizations.

Continuing the Conversation: Cooling Urban Spaces

Carrying on the conversation of cooling urban spaces. This session will discuss integration of available strategies.

Climate Change and Mental Health

Eco-anxiety is challenging to quantify in Hawai'i, but its effects are widespread. Environmental degradation fuels anxiety, grief, distress, and uncertainty, particularly among those deeply connected to the land and among youth. This session explores eco-anxiety in Hawai'i and discusses public health solutions to strengthen community bonds and reduce climate-related mental distress.

Continuing the Conversation: Climate Change and Mental Health

More discussion from the previous panel regarding the mental and behavioral health impacts of climate change.

Water and Climate Changes, Watershed Management & Surface Water Protection in the Face of Climate Change and Water Security & Climate Change – Global Perspectives

This session looks at water quality and climate change with a view towards water security and water quality protection, local surface water protection and watershed management activities will be shared along with global perspectives.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

Continuing the Conversation: Water & Climate Changes - How the work interconnects and can be integrated moving forward

This session will continue discussion from the previous panel regarding the impacts of climate change on water quality.

Closing Plenary: Climate Change and Disaster Impacts – Wildfires, Hurricanes, Floods

The closing plenary will highlight the initiatives of climate change in Hawaii and the increasing disasters that have affected our state.

Day 2 – October 24, 2024

Opening Plenary: Pacific Island Leadership in Climate Change & Health

Hawai'i has established itself as a global leader in combating climate change. This panel will explore Hawai'i's role in climate and health leadership, alongside the contributions of neighboring Pacific Island nations, who have long been at the forefront of this crisis. With many Pacific Island diaspora community members living in Hawai'i, our state has the responsibility to scale up health systems to meet their unique needs. This panel will share the experiences and lessons from Pacific Island communities to inspire collective action both in Hawai'i and across our Pacific home.

Climate Change and Health Equity – A Look at Cultural Equity & Social and Environmental Justice

Climate change amplifies existing health inequities, with the most vulnerable communities feeling its impacts first and hardest. This panel will emphasize the importance of centering health equity in climate work, examining how environmental degradation affects culture and environmental justice. We'll explore how marginalized communities and traditional practices are disproportionately impacted and discuss integrating cultural values into environmental management. The session will highlight collaboration with community leaders, Native Hawaiian health practitioners, and other First Nations Leaders as well as broader equity considerations to enhance resilience and equity.

Bridging Knowledge – What's Happening Locally, Regionally, and Globally: Youth Perspective on Climate Change Impacts

Youth from the Kamehameha Schools Ka'aumaloa pathways program and the UNLocal2030 Sustainable Development Goals Youth Council will share their perspectives on climate change and how it impacts youth as well as how Hawaii's youth are leading responses to climate change challenges locally – and at international forums, including the United Nations General Assembly.

Disease and Invasive Vectors

This session will explore how climate change affects the spread of invasive vectors and vector-borne diseases in Hawai'i from a One Health perspective. Experts will discuss how changing temperatures and precipitation impact disease-carrying vectors like mosquitoes, focusing on emerging health threats, monitoring, control strategies, and innovative mitigation approaches. Participants will learn about local and regional efforts to manage disease risks and protect communities amid a changing climate.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

Pollution & Environmental Degradation, Natural Disasters, Debris Management and Hazardous Substances

DOH's Environmental Health Administration will discuss and highlight environmental mitigation and response practices as well as ground water contamination management.

Public Safety Power Shutoff (PSPS), Health, and Emergency Management

Speakers will discuss the need for Public Safety Power Shutoff (PSPS) and how it affects those reliant on power- dependent medical devices. The panel will touch upon disaster preparedness and response for the most vulnerable in the community.

Vectors and the Environment

Continuing the conversation on disease and invasive vectors.

Hawaii State Initiatives to Address Climate and Health: Environmental Management Division (EMD) Integration of Climate Change, Health, and the Environment

DOH's Environmental Management Division (EMD) will discuss air pollution/emissions and reduction opportunities.

Food System Impacts & Cultural Implications

This session will be a panel of specialists and practitioners that are working at the nexus of environmental and human wellbeing through the cultivation of food, medicine and Mālama 'Āina. Panelists represent a broad perspective that ultimately seek to build capacity and pave the way for a more robust, sustainable, and resilient food system, especially in times of crisis, access to nutritional food programs, and ancestral and contemporary agricultural initiatives that simultaneously support the health and wellbeing of 'Āina and communities.

Closing Plenary: Moving Forward – Key Takeaways and Coming Together

The closing plenary will bring together key discussions from the two-day conference, emphasizing the role of public health, emergency response, and local government in building Hawai'i's resilience against the climate crisis. This session will summarize the insights from the conference to outline actionable steps for strengthening our community's health resilience. Attendees will leave with a clearer understanding of the public health challenges posed by climate change and the concrete actions health systems and experts are taking to address these challenges and enhance resilience across Hawai'i.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

Speaker Information



Aila, William

William Aila is the Deputy Director of the Department of Hawaiian Homelands. Before that, Mr. Aila served as the Chairman of the Department of Land and Natural Resources for the State of Hawai'i until December 2014. He was Waianae Boat Harbor Harbormaster and worked for more than 23 years in DLNR's Division of Boating and Ocean Recreation. Mr. Aila was a critical proponent in the establishment of the Papahānaumokuākea Marine National Monument, the first community-based subsistence fishing area in Haena, Kauai, predator proof fencing across the islands, and streamlined permitting for restoration of Hawaiian fishponds – proof of his commitment to protecting areas that have deep cultural importance as well as significant natural resource values. Mr. Aila earned a B.A. in tropical agriculture from the University of Hawai'i.

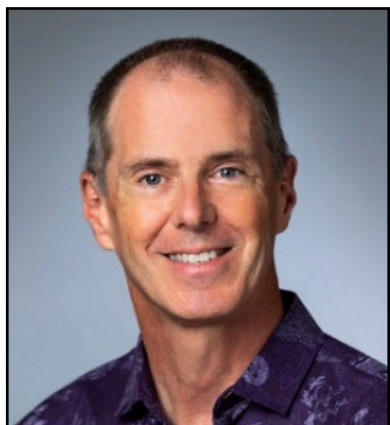


Bartoldus, Daintry

Daintry Bartoldus is highly respected in the field of disability advocacy. As the Executive Administrator of the Hawaii State Council on Developmental Disabilities, she has a significant role in shaping policies and initiatives to support individuals with developmental disabilities.

Her leadership involves collaboration with various state departments, community organizations, and self-advocates to address challenges and improve services for vulnerable populations.

Given the range of projects Daintry had been involved in, such as facilitating a Disability Hui to address the access and functional needs of individuals with disabilities during an emergency, working on the Hawaii ABLE Savings Program to help individuals with disabilities achieve a better life experience, and organizing community trainings, Daintry fosters an environment of active engagement and forward-thinking advocacy. Her ability to drive important initiatives indicates that she is effective and well-regarded in her role.



Benjamin, Christopher "Chris"

Chris Benjamin, retired CEO of Alexander & Baldwin, now dedicates his time to climate-related initiatives. He founded and chairs Climate Hawai'i, an initiative of the Hawai'i Executive Collaborative. He serves as the chair of the Office of the Governor Climate Advisory Team, and as a special advisor to Governor Green.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Chang, Sandra

Dr. Chang is a Professor of Tropical Medicine and Chair of the Tropical Medicine Graduate Program. She joined the department in 1986 as a research scientist in the malaria vaccine development program and has been a principal investigator on research projects on malaria immunology and vaccine development, the mechanism of action of immune adjuvants, and metabolomic analysis of *P. falciparum*-infected erythrocytes.

Dr. Chang also has an interest in One Health and vaccination education, including COVID-19 vaccination. Dr. Chang teaches graduate courses in infectious disease immunology and immunopathogenesis and lectures on topics related to immunology and vaccination for graduate and medical students.



Chu, Pao-Shin

Pao-Shin Chu is a professor and Hawaii State Climatologist in the Department of Atmospheric Sciences at the University of Hawaii-Manoa. He grew up in Taiwan, graduated from the University of Wisconsin-Madison with a Ph.D. degree, and was awarded a NASA/ASEE Summer Faculty Fellowship at NASA Goddard Space Flight Center in Maryland.

His research areas include tropical cyclones, drought, heatwaves, extreme rainfall, wildfire, statistical modeling, and Bayesian inference. He has written over 111 scientific papers and book chapters, the graduate-level textbook book "Climate Variability and Tropical Cyclone Activity" published by Cambridge University Press in 2022, and contributed several articles about hurricane and fire, weather and climate for the Honolulu Star-Advertiser.

Recently, he coauthored a paper in Nature (Seasonal advance of intense tropical cyclones in a warming climate, doi: 10/1038/s41586-023-06544-0, 2023). He is the editor of the Asia Pacific Journal of Atmospheric Sciences. Dr. Chu likes reading, gardening, hiking, and travelling.



Clarke, Kevin

Dr. Kevin Clarke is a CDC Career Epidemiology Field Officer assigned to the Hawai'i Department of Health's Office of Public Health Preparedness.

Kevin is a board-certified pediatrician and graduate of CDC's Epidemic Intelligence Service fellowship. He has been with CDC for 13 years focusing largely on emergency public health response.

Prior to CDC, Dr. Clarke spent 4 years practicing pediatric HIV medicine in Malawi and South Africa and holds a Certificate of Knowledge in Tropical Medicine from the American Society of Tropical Medicine and Hygiene.

Originally from Connecticut, Kevin was married in Kaua'i and is thrilled to be back in Hawai'i with his family since August 2023 to work with the amazing public health community here.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Convard, Nancy

Nancy is with the Department of Health, Environmental Management Division serving as Wildfires Coordinator, joining DOH in December 2023. She provides coordination and technical support to the EMD Administrator for Emergency Support Function (ESF) 10 (Hazardous Materials) and ESF 3 (Public Works and Engineering).

As part of this, she manages EMD's Comprehensive Monitoring and Sampling Plan, that includes planning and implementation of soil, sediment, beach, and coastal water sampling, coordination with air monitoring activities in Lahaina, and development of the Maui Wildfires

environmental data portal.

Nancy is a licensed civil engineer and holds master's degrees in public health and civil engineering from the University of Hawai'i. She comes to DOH from the private sector and many years of international development experience in the Asia-Pacific region with the U.S. Government and international organizations focusing on infrastructure and environmental management, including incorporation of sustainability, resilience, and Climate Change mitigation and adaptation into these programs and projects.



Cruz, Kylie Wager

Kylie Wager Cruz is a senior attorney with the Mid-Pacific regional office of Earthjustice in Honolulu, HI.

Kylie has had the privilege of representing community groups in proceedings to promote clean energy and clean water, end the use of fossil fuels, protect Native Hawaiian communities disproportionately burdened by pesticide exposure, safeguard Hawai'i's native and threatened wildlife, and restore stream flows.

Prior to joining Earthjustice, Kylie served as a law clerk for the Honorable Mark E. Recktenwald, Chief Justice of the Hawai'i Supreme Court. She was also a legal fellow at the Hawai'i Department of Land and Natural Resources — Division of Conservation and Resources

Enforcement and legal intern at the Hawai'i Public Utilities Commission. During law school, Kylie worked as a summer law clerk for the Earthjustice Mid-Pacific regional office and as an extern for the Honorable Richard R. Clifton, circuit judge of the U.S. Court of Appeals for the Ninth Circuit. She has held several research positions focusing on renewable energy, energy efficiency, and climate adaptation law and policy.

Kylie is a proud graduate of the William S. Richardson School of Law and received undergraduate degrees in English and Journalism from Boston University. She enjoys spending time with her family in the ocean and exploring wild places.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Derrington, Erin

Erin Derrington (she/they) is the Local2030 Islands Network Global Energy and Water Communities of Practice Coordinator.

With a professional background in sustainable development planning and implementation, and an academic background in environmental science and law, Erin is excited to be leading efforts to build strong and substantive engagement within and across the Clean Energy and Resilience and the Water-Energy-Food Nexus Communities of Practice (CoP).

As the focal point for these CoPs, Ms. Derrington supports their strategic planning and thematic content development and engages technical partners and leading CoP participant outreach to build robust and collaborative peer-to-peer communities anchored in knowledge exchange and technical capacity building to achieve island-driven solutions to complex sustainable development challenges.

Contact: erin@islands2030.org



Dinell, Daniel

Daniel Dinell is President of Trees for Honolulu's Future, a nonprofit umbrella group that envisions a tree-filled city of Honolulu that preserves and enhances our quality of life, especially in the face of climate change. He serves on the Mayor's Arborist Advisory Committee, several nonprofit boards, and is principal of a consulting firm.

Prior to joining Trees for Honolulu's Future, Dan held leadership roles in both private and government sectors. Born and raised in Honolulu, a product of the Hawaii public schools, Dan holds a BA in political science from Colorado College and attended graduate school as a

Monbusho Scholar at the University of Tokyo.



Felton, Diana

Diana Felton, MD is an ER Physician and Medical Toxicologist currently serving as Chief of the Hawaii Department of Health's Communicable Disease and Public Health Nursing Division (CDPHND).

CDPHND works to identify and eliminate tuberculosis, Hansen's disease, HIV, STIs, and hepatitis in Hawaii and also incorporates the work of DOH's Public Health Nurses in the community. She previously served as the State Toxicologist for the Hawaii Department of Health.

Dr. Felton also has a strong interest in the intersection of climate change and health including how environmental impacts from climate change will affect human health and disease.

Dr. Felton graduated from the University of California, Berkeley and attended medical school at the University of California, Davis. Emergency Medicine Residency was done at Beth Israel Deaconess Medical Center in Boston, MA and Toxicology Fellowship at the Harvard Medical Toxicology Program.

She spent many years working as an ER physician and toxicologist in Massachusetts and Hawaii before transitioning to state government work in 2018.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Fernandez, Gloria

Dr. Gloria Fernandez has been with the Hawai'i Department of Health for 22 years and is the current Public Health Nursing Branch Chief.

She was born and raised in Wai'anae and continues to live there. Dr. Fernandez is a graduate of the University of Hawai'i at Mānoa and has her Doctorate in Nursing Practice with focus on public health and emergency preparedness and is an Advanced Public Health Nurse.

Dr. Fernandez was inducted into the 2018 University of Hawai'i School of Nursing Alumni Hall of Fame.

Most of Dr. Fernandez's work focuses on emergency and public health preparedness as well as health equity through a Hawaiian Sense of Place. Being a public health nurse, Dr. Fernandez interacts with all age groups promoting health and wellbeing, ensuring our people have access to care and is comfortable with the care they receive.



Fletcher, Charles "Chip"

Dr. Chip Fletcher, is the interim Dean of the [School of Ocean and Earth Science and Technology](#), at the University of Hawai'i at Mānoa, and Director of the [Climate Resilience Collaborative](#) research team.

He is Professor and past Chair of the Department of Earth Sciences and past Chair of the Honolulu Climate Change Commission. Chip is special advisor to Governor Josh Green for Climate and Resilience, and serves on the Governors Climate Advisory Team, and Decarbonization Working Group.

Chip's research focuses on assimilating global trends in decarbonization and climate projections, integrating climate projections for Hawai'i to understand future shocks and stresses driving adaptation needs, and modeling the impacts of sea level rise in Hawai'i.

Chip teaches Earth Science, and Climate Change, and with his students has published over 100 peer-reviewed scientific research papers. He is the author of three textbooks on: 1) Hawaiian [shorelines](#), 2) Climate [change](#), and 3) [Earth Systems](#). Chip is a frequent [public speaker](#), and contributor to [local](#) and [national](#) media. He has been principal advisor in funding and awarding over 35 graduate research degrees in [Earth and Planetary Sciences](#).



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Fink, Kenneth “Kenny”

Kenneth S. Fink, MD, MGA, MPH has served as Director of the Hawai‘i Department of Health since January 9, 2023 after being appointed by Gov. Josh Green.

Dr. Fink has extensive public and private sector experience. Prior to joining DOH, Dr. Fink worked as the Vice President for Medicare & Medicaid Programs at HMSA. Before that he was the Director of Student Health Services for Kamehameha Schools.

His government work includes serving as the State Medicaid Director for Hawai‘i, the Chief Medical Officer for the Centers for Medicare & Medicaid Services Region 10, and the Director of the U.S. Preventive Services Task Force and the Evidence-based Practice Centers programs at the Agency

for Healthcare Research and Quality.

Dr. Fink was a Robert Wood Johnson Clinical Scholar, Kerr White Visiting Scholar, and Excellence in Government Fellow. He attended Haverford College, received combined Medical Doctor and Master of Government Administration degrees from the University of Pennsylvania, and was awarded a Master of Public Health degree from the University of North Carolina at Chapel Hill (UNC). He completed residencies in family medicine at the University of Washington and preventive medicine at UNC.

Dr. Fink is board certified in both family medicine, and general preventive medicine and public health. He has been awarded the degree of Fellow by both the American Academy of Family Physicians and the American College of Preventive Medicine.

In addition, Dr. Fink retired as a Colonel in the United States Air Force. He is a veteran of Operation Enduring Freedom and served as both the Chief of Aerospace Medicine and the Medical Group Commander in the Hawai‘i Air National Guard.



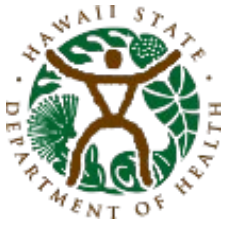
Fox, Kealoha

Dr. Kealoha Fox is based in Hō‘āe‘āe, O‘ahu overseeing health equity at AlohaCare and is Climate Change Commissioner to The City and County of Honolulu.

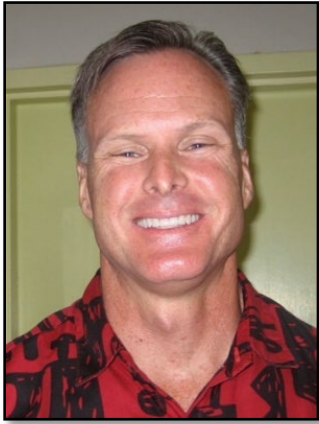
A graduate of the University of Hawai‘i’s John A. Burns School of Medicine with a PhD in Biomedical Sciences in 2017, Kealoha is a Native Hawaiian practitioner-scientist advancing health and well-being for generational thriving, cohesive communities.

She is the recipient of more than 70 awards, including Obama Foundation Leader Asia Pacific, Bill & Melinda Gates Foundation Goalkeeper, and a 2024 Native Torchbearer 40 Under 40 honoree.

Living her Indigenous culture, Kealoha has been trained in ancient healing practices and protocols of traditional knowledge systems. Her spirit and actions elevate healthy people, places, and futures uplifting social justice.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Freitas, Troy

Troy Freitas is the Oahu Service Area Administrator and Branch Chief of the Oahu Community Mental Health Center Branch of the Adult Mental Health Division.

He has over 30 years of experience working in public and private Behavioral Health service sectors – including as a crisis intervention trainer.

Additionally, he has extensive experience as the Disaster Behavioral Health Coordinator for the state of Hawaii – including providing oversight, training and support for FEMA and SAMHSA-funded Crisis Counseling Programs on all islands.



Guerrero, Anthony

Anthony P. S. Guerrero, M.D., a combined pediatrician and child/adult psychiatrist, is Professor and Chair of Psychiatry and Clinical Professor of Pediatrics at the University of Hawai'i at Mānoa John A. Burns School of Medicine.

His scholarly interests include psychiatric education, child and adolescent mental health, and global mental health, including mental health aspects of climate change and armed conflict.



Happ, Samantha

Samantha Happ (she/her) is the Local2030 Islands Network's Managing Director, overseeing the Network's strategy, engagements, and work streams.

Samantha is a sustainable development practitioner with lived and working experience across the Pacific and Southeast Asia, specializing in local and community-based strategy, policy, and programming in furtherance of the Sustainable Development Goals. Prior to joining Local2030, Samantha worked on Strategic Foresight with UNDP's Regional Bureau for Asia and the Pacific on projects related to systems transformation, inclusive futures, anticipatory risk governance, and design thinking. Prior, she worked at UNDP Headquarters in New York on Small Island Developing States (SIDS) policy, later joining the Inclusive Growth portfolio on the COVID-19 Socio-Economic Recovery in LDCs, MICs, and SIDS.

Samantha holds a master's degree in Public Administration from Columbia University's School of International and Public Affairs, and bachelor's degrees in Political Science, Intercultural Studies, and Advocacy and Social Change.

Contact: samantha@islands2030.org



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Hasty, Jeomhee

Jeomhee Hasty received her Ph.D. Major in Applied Entomology at Gyeongsang National University in Chinju, South Korea.

From 2000 to 2007, she was a Postdoc and Research Associate at the Medical Entomology lab at the University of California at Berkeley (UCB). Since 2007, she has worked as an Entomologist with the Hawaii Department of Health, Environmental Health Services Division, Vector Control Branch.

She works on statewide vector field surveillance, vector resistance testing, personnel training, and developing effective methods for controlling vectors and vector-borne diseases.

Hawaii Sustainable Development Goals (SDG) Youth Council

The Hawai'i Sustainable Development Goals (SDG) Youth Council is a dynamic, student-led initiative that meets quarterly to empower Hawai'i's keiki and haumāna through educational and leadership pathways centered on the United Nations Sustainable Development Goals (UN SDGs).

Grounded in the Hawaiian principle of mālama ʻāina, the Council fosters a culture of sustainability, drawing on the deep-rooted connection to the land that is instilled in island youth from an early age.

By amplifying the voices and perspectives of young people in the Pacific Islands, the Council plays a crucial role in advancing the climate change and sustainability movements, ensuring that island youth are at the forefront of shaping a sustainable future.

Attending Council participants: Jordan Halagao, Kinohi Souki, Mason Fong, and Elsie Jubilee Kamanu



Higa, Alicia

Alicia Higa is the Executive Director of ʻElepaio Social Services and Chief Health Equity Officer at the Waiʻanae Coast Comprehensive Health Center, the oldest and largest Federally Qualified Community Health Center in Hawaii.

Growing up in the economically disadvantaged community of Wai'anae on Oahu's west shore, Alicia has an intimate understanding of her community's challenges and needs.

She has played a pivotal role in addressing food insecurity and improving access to nutritious, culturally relevant foods for the largest population of Native Hawaiians in the world.

Alicia's leadership in developing programs centered on food access, food as medicine, and food sovereignty has not only nourished her community but also fueled economic growth. Her initiatives injected \$1.7 million into the local food economy last year, with an economic impact exceeding \$4 million, empowering local farmers to expand production.

Alicia's work is advancing community-driven food sovereignty, restoring access to culturally important foods for Native Hawaiians, and contributing to a more resilient and sustainable future for her region.

Alicia is an active leader beyond her roles at WCCHC. She serves on the boards of MA'O Organic Farm, Hoa Aina O Makaha, and is a founding member of the Hawaii Good Food Alliance.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Hittle, Anukriti "Lirio"

Lirio (Anukriti) Hittle worked as the state of Hawai'i's first climate change coordinator and was responsible for climate action frameworks for mitigation, adaptation, resilience, and equity.

Before coming to Hawai'i, she was a climate change researcher in Washington DC with the World Resources Institute, an activist at Greenpeace, and a professor at Washington University in St Louis, where she co-led the RINGO observer delegation for the UNFCCC's COPs 20, 21 (where the Paris Agreement was signed), and 22.

Her background is in International Relations (from Columbia University) and Forest Resource Management (from Duke University).

She is now based in Washington, D.C. and helps governments and community organizations respond to climate change. She misses the beautiful ocean and mountains of Hawai'i but loves the majestic native forests and raptor life of the East Coast.



Howard, Jocelyn "Josie"

Josie graduated from Xavier High School in Micronesia and attended the Community College of Micronesia. She later transferred to the University of Hawai'i at Hilo studying Biology, Anthropology, and Pacific Island Studies in 1989 making her one of the first Micronesians migrating under the Compact of Free Association Treaty.

At the University of Hawai'i at Hilo, Josie Howard's roles included student peer counselor, president of the International Students Association, a student researcher at the Minority Biomedical Research Program, a resident assistant at the student housing, president of the Chuukese Students Association, as well as chairperson for the Campus

Ministry.

Josie has over 15 years of servicing the community, with 8 years working with private agencies contracted by the Department of Health Waiver program, 5 years in the Department of Education, and 5 years in program development, implementation, and piloting a one-stop center model. Josie's community involvement includes being the founder of the Young Voyagers, a youth club in Media with 'Ōlelo, and the Micronesian Cultural Awareness Project.

Josie earned her master's degree in social work and is now working as Chief Executive Officer for WAO. Josie is most recognized for her contribution to the "Micronesian Voices in Hawai'i Conference" where she participated as one of six steering committee members who worked with Micronesian Government leaders, community leaders, as well as conference sponsors.

She is also known for her work at Goodwill Industries of Hawai'i Inc.'s "Imi Loa Program" where she worked with families and their adult children providing direct services as well as managing the programmatic and fiscal operation. Mrs. Howard is a native of Onoun Island in Micronesia and she speaks Chuukese, Onounese, and English fluently.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Kamaka, Martina

Dr. Martina Leialoha Kamaka, a Native Hawaiian Family Physician and Associate Professor in the Department of Native Hawaiian Health at the University of Hawai'i at Mānoa, John A. Burns School of Medicine; Vice Chair of the National Council of Asian Pacific Islander Physicians; and founder and board member of the Ahahui o na Kauka (Association of Native Hawaiian Physicians) and the Pacific Region Indigenous Doctors Congress.

Kamehameha Schools Ka'āmauloa Pathway

A two-year program at Kamehameha Schools that allows haumāna to connect with sustainable, ancestral practices and protocols that can be used to develop leadership and tackle current-day issues.



Keener, Victoria

Victoria Keener, Ph.D., Senior Research Fellow, East-West Center (EWC) and Research Professor, Arizona State University (ASU) Global Institute of Sustainability and Innovation (GIOSI) (keenerv@eastwestcenter.org)

As the Co-Lead Principal Investigator of Pacific RISA, Dr. Keener does interdisciplinary research enabling practical applications of climate science for decision-making at the local and regional scale in Hawai'i and the Pacific Islands, with expertise in climate impacts and adaptation around freshwater hydrology. She was the Lead Author of the Hawai'i and Pacific Islands Chapter of the Fourth U.S. National Climate Assessment (NCA4) and an author on the Fifth

U.S. National Climate Assessment (NCA5) and directs the Pacific Islands Regional Climate Assessment (PIRCA) network and reports.

She served on the City & County of Honolulu Climate Change Commission from 2018-2024, informing policy and management outcomes around sea level rise and shoreline setbacks, greenhouse gas emissions from buildings, integrated freshwater management, and equitable adaptation.



Kemble, Sarah

Dr. Sarah Kemble received her MD at UCSF, completed Residency in Internal Medicine and Pediatrics at UCLA, and Infectious Disease Fellowship at Rush University Medical Center in Chicago, Illinois.

She also is an alumna of the Epidemic Intelligence Service fellowship program at the Centers for Disease Control and Prevention, during which she was assigned as a Field Officer at the Minnesota Department of Health.

After serving as a Medical Director for the Communicable Disease Program at the Chicago Department of Public Health for 4 years, she returned to her home state of Hawaii in March 2019 and joined the Hawaii Department of Health. She currently serves as Hawaii's State Epidemiologist and Chief of the Disease Outbreak Control Division.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Kern, Judy

Judy currently serves as Chief of the Office of Public Health Preparedness. Prior to that, she served elsewhere in the Department of Health including with the Disease Outbreak Control Division, Communications Office, and the Executive Office on Aging.

Before joining DOH, Judy worked as Deputy Director at Lanakila Meals on Wheels, as Volunteer Program Manager at Hawaii Meals on Wheels, and at many other non-profits and community organizations over the years.

She first became concerned about climate change aka global warming in high school; in the million years since those ancient days, her alarm has only grown. She retains shreds of hope thanks to creative, passionate, and committed people like many of the folks at this conference working to meet the challenges of the climate crises.



Kiefer, Elizabeth

Elizabeth Kiefer is a physician and Assistant Clinical Professor at the University of Hawaii, John A. Burns School of Medicine. She completed a residency in internal medicine at The Mount Sinai Hospital in New York City and has practiced as a primary care and HIV physician.

Dr. Kiefer also holds a master's degree in Epidemiology and Public Health from Columbia University. Her previous research focused on women's health, HIV, and hepatitis C virus, in the US and Africa. Dr. Kiefer's current interests are the intersection of public health and climate change, and she helps to lead a working group to inform, educate and improve health policy.



Kurano, Matthew

Division Administrator
Environmental Health Services Division
Department of Health

Matt is a local boy, born and raised in Hawaii. He has spent the last 20 years with the Hawaii Department of Health. He was educated at University of Hawaii at Manoa with a bachelor's degree in chemistry and minor in Biology and started his career developing high performance fuel cell membrane materials before joining the State of Hawaii in 2004.

He spent the first 10 years with the State as an Environmental Health Specialist providing training, conducting inspections, assessing compliance and developing enforcement actions for the Department of Health, Clean Water Branch. He's worked hand in hand with colleagues from the Federal EPA, DOJ and Hawaii Office of the Attorney General.

Following the first 10 years, Matt was given the opportunity to lead the DOH surface water enforcement team, directing a staff of Environmental Engineers and Environmental Health Specialists who conducted inspections, investigations and enforcement actions against those persons who polluted Hawaii's streams and nearshore waters.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

After leading the surface water enforcement team, he moved to manage the vector-borne disease control program. The DOH, Vector Control Branch (VCB), is DOH's rapid response team that is responsible for preventing and/or contain outbreaks of vector-borne diseases like dengue, zika or black plague. Currently Matt is the Administrator of the DOH, Environmental Health Services Divisions (EHSD). Environmental Health programs in EHSD include the VCB, Food Safety Branch, Food and Drug Branch and Indoor and Radiological Health Branch. EHSD's efforts ensure your food is safe, prescription drugs and health services are secure, radiation, noise, and asbestos are contained, and you can go outside without fear of zika, malaria or other exotic diseases carried by animals big or small.



Laramee, Leah

Leah Laramee is the State of Hawai'i Climate Change Mitigation and Adaptation Coordinator. She leads the state efforts on Climate Change action, coordination, and policy through the State's Climate Change Mitigation and Adaptation Commission, a multi-jurisdictional effort between 20 different departments, committees, and counties.

Leah holds a master's degree in Natural Resource and Environmental Management. Her decade long career at the State's Division of Forestry and Wildlife, Department of Land and Natural Resources has grounded her in an 'āina (land) up approach to climate change looking at holistic systems level solutions to address climate challenges.

Leah is the Governor's Office representative for the US Climate Alliance and the Governor's efforts to reach legislatively set goal of becoming a net carbon sink by 2045.



Lum, Mahealani

Dr. Nicole Mahealani Lum, D.O. is the medical director of Ke Ola Mamo Native Hawaiian Health System, where she practices primary care Family Medicine and Geriatrics. She is clinical faculty at the University of Hawaii John A. Burns School of Medicine Department of Family Medicine & Community Health, and the Department of Geriatric Medicine.

She was nominated by the National Council of Asian Pacific Islander Physicians to attend the Climate & Health Equity Fellowship Program, which she completed in 2022.

A strong believer in physicians being leaders for change, she serves on the Board of Directors for 'Ahahui o nā Kauka (The Association of Native Hawaiian Physicians), and the Hawaii Academy of Family Physicians as the Hawaii Delegate to the American Academy of Family Physicians Congress of Delegates.

In her personal time, she helps her family with land restoration efforts at Loko l'a Pā'āiau, an ancient royal Hawaiian fishpond, through traditional land stewardship practices to build a more climate resilient community.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815

Madsen, Michael



Mike Madsen has 28 years of experience as an Environmental Engineer at the Hawaii Department of Health Clean Air Branch (CAB). Mike's initial work was in CAB's permitting section to conduct engineering evaluation of air pollution sources.

Mike is currently working as the Supervisor in CAB's Program Development and Technical Support Section to develop and implement Greenhouse Gas, Regional Haze, and Emissions Inventory Programs.

McCallen, James



James McCallen is the Climate Change & Health Coordinator Consultant for the Hawai'i Dept. of Health. He also facilitates the Climate Change & Health Working Group, a growing initiative that collaborates across sectors and communities to strengthen Hawai'i's public health resiliency in response to our changing climate.

James served as a Peace Corps Health Volunteer in the South Pacific Island nation of Vanuatu, where he closely experienced the severity of the health impacts of the climate crisis for a remote Pacific Island community.

James earned his MPH from Johns Hopkins Bloomberg School of Public Health, with a focus on the intersection of climate change and health.

McMillen, Heather



Heather (she/her) is the Urban and Community forester for the Hawai'i Division of Forestry and Wildlife, Department of Land and Natural Resources.

She sees trees as a connector to our places, and our collective health, wellbeing, and resilience. Heather is an ISA certified arborist, has a PhD in Anthropology with foci in conservation biology and ethnobiology, and is a humble learner of wood carving, lauhala weaving, and tree pruning.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Mick, Bryan

Bryan Mick graduated from Kalaheo High School and the University of Hawaii with a BA in Political Science. He taught for several years at Myron B. Thompson Charter Academy, the States first online charter public high school. He spent 12 years working in the City and County of Honolulu's Neighborhood Commission Office, serving three different Mayoral administrations.

He joined the State Disability and Communication Access Board (DCAB) in 2016 where he is currently the Program & Policy Development Staff Coordinator.



Miles, Albie

Albie Miles is the Assistant Professor of Sustainable Community Food Systems at the University of Hawai'i–West O'ahu.

Dr. Miles received his Ph.D. in Environmental Science, Policy and Management from UC Berkeley in 2013. His research explores the relationship between farming system biodiversity and ecosystem services from agriculture and the structural obstacles to sustainable food and farming systems.

He has worked at the UN FAO and the Center for Agroecology and Sustainable Food Systems at UC Santa Cruz.



Miyashiro, Scott

Program Specialist V

Hawaii Department of Health, Environmental Management Division, Surface Water Protection Branch (SWPB)

During the past 25 years, I've worked at the Clean Water Branch in the regulatory side ensuring compliance with the Federal Clean Water Act's National Pollutant Discharge Elimination System (NPDES). In 2021 I joined the nonpoint source side of the Clean Water Branch.

Currently, I oversee the state's nonpoint source program, which administers the EPA's 319 grant program. As part of the 319 - grant program, projects are allocated funds to help reduce nonpoint source pollution throughout the state.

Aside from my day job, I enjoy spending time with my wife, children, and our four-legged pets. If I'm not spending time with family, you can find me hiking on one of the many trails on the east side of Oahu or volunteering for a non-profit doing restoration work in Pia Valley.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Nuss, Laurien "Lala"

Laurien Baird Hokuli'i Helfrich-Nuss, aka "Lala Nuss", was born, raised, and educated on O'ahu and Moku o Keawe, Hawai'i. She recently joined the City and County of Honolulu's Office of Climate Change, Sustainability and Resiliency (CCSR) as the Climate Resilience and Equity Manager. Lala is dedicated to re-cultivating community resiliency and wellbeing through the practice of regenerative relationships. She has spent the last 10 years repurposing her global travel industry background in service to generational transformation and adaptation. In 2016, Lala founded Conscious Concepts, a social enterprise in service to 'aina and arts initiatives providing project management, community programming and place-based travel curation. In

the spirit of radical collaborations, Lala continues to cultivate the practice of interweaving corporate and grassroots, island and global perspectives in holistic approaches to centering equitable emergent solutions genuinely reflective of and appropriate to people and place. An advocate and educator in sustainable tourism, Lala is dedicated to the rehabilitation of our primary forms of true waiwai (wealth): ecological, cultural, social, and spiritual wellbeing.

For more, visit <https://www.consciousconcepts808.com/about>



O'Neill, Neu-Wa

With nearly 20 years of experience, Neu-Wa efficiently delivers complex projects while ensuring the client's needs are met. With a focus on sustainability and inspirational space making, Neu-Wa's international portfolio reflects his experience and excellence in design. Prior to joining AHL, he worked for six years with Multiply Architects in the fast-paced and sophisticated Singapore market on a variety of high-profile projects.

Neu-Wa is well-adept at working with various jurisdictions and stakeholders to ensure a smooth project delivery. He has led a variety of O'ahu and neighbor island projects including the Sheraton Maui Resort & Spa, Mauna Kea Beach Hotel on Hawai'i Island, Whole Foods Queen on O'ahu, and the AC Hotel by Marriott on Maui. Neu-Wa's experience is united by a

common theme - his designs are driven by a passion for user-activated environments that provide memorable and meaningful experiences.



Rossio, Marianne

Clean Air Branch Engineering Program Manager, Hawaii Department of Health (HDOH)

Marianne has served as the HDOH Clean Air Branch Program Manager for the past 8 years. As the Program Manager, Marianne manages engineering analysis, permitting, monitoring and assessment, and inspection and compliance services in the administration of statewide activities pursuant to the Federal Clean Air Act and Hawaii statutes and administrative rules.

Marianne has a Bachelor of Science in Mechanical Engineering and is a licensed professional engineer. She has worked for the State of Hawaii for 27 years.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Seto, Joanna

Joanna L. Seto, P.E., is the Environmental Health Program Administrator of the Department of Health's Environmental Management Division who oversees the state's Clean Air Branch, Clean Water Branch, Safe Drinking Water Branch, Solid and Hazardous Waste Branch, Surface Water Protection Branch, and Wastewater Branch.

These programs develop and implement regulations for the Environmental Protection Agency pursuant to the Federal Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act, Safe Drinking Water Act and various Hawaii statutes and administrative rules.

Joanna encourages collaboration and supports shared services among the environmental programs. She has more than 34 years of combined private and public engineering experience. She was past president of the Hawaii Section of the American Society of Civil Engineers and past Chair of the American Water Works Association Hawaii Section. Joanna graduated from 'Iolani School and Washington University in St. Louis, Missouri where she earned a Bachelor of Science in Civil Engineering.



Toma, Curtis

Dr. Toma is a graduate of the John A. Burns School of Medicine and went on to complete a double residency in internal medicine and pediatrics at the Queens Medical Center and Kapiolani Medical Center for Women and Children. Dr. Toma served most of his career as a provider and medical director at community health centers (CHC's) in Hawaii, including both rural Big Island and urban Honolulu CHC's.

Dr. Toma has been serving as the Hawaii Medicaid Medical Director since 2011. Hawaii Medicaid has an annual budget of \$ 3.6 B. Dr. Toma is also an active member of the national Medicaid Medical Directors Network (MMDN), comprised of state Medicaid medical directors, and served as an elected representative on the MMDN steering committee from 2014 - 2018.

In 2020, Dr. Toma was deployed part time to the Hawaii Emergency Management Agency (HI-EMA) and had the unique opportunity to work alongside tremendous staff and leaders at both HI-EMA and DOH. One of the interesting and projects during Covid was an interagency collaboration between HI-EMA, DOH VFC, local pharmacies, DOH OHCA, Office of Public Guardian (OPG), and the Hawaii Statewide GIS program which led to immunizations in home for elder care homes including caregivers, elder residents, and other household members. This included over 1500 homes and 10,000 Covid shots for both the initial and booster. To see this planning up close and be a part of that process of coming together during the pandemic was very inspirational.

During the Maui Fires response, Dr. Toma had the privilege again to work with HI-EMA and DOH as a member of both the Public Health and Medical Services and the Housing and Human Services teams.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Tsue, Kurt
Director, Community Affairs, Hawaiian Electric

The Community Affairs Division at Hawaiian Electric works to communicate, engage, and collaborate with community organizations and members, along with stakeholders in the public and private sector in energy related projects, programs, and initiatives. Kurt has been with Hawaiian Electric since 2012 working in the field of community relations with a focus on the island of O‘ahu.

His previous experience in community, public, and media relations, strategic communications, and government affairs includes serving as Information Officer for the

City and County of Honolulu’s Board of Water Supply, Public Information Specialist for the State Department of Health, and Senior News Producer for KHON2 News. Kurt received his bachelor’s degree in journalism and Sociology from the University of Hawai‘i at Manoa.



Wiese, Francis

Dr. Francis Wiese is an ecologist and Senior Scholar at the National Academies of Sciences. He brings 30 years’ experience working around the world, designing, implementing, and managing large inter-disciplinary, multi-institutional science programs that address important socio-ecological issues related to climate change, the ocean, and its uses—and he’s fluent in English, French, German, and Spanish, so that helps.

As part of his role, he designs, implements, and manages large multi-disciplinary, multi-institutional marine ecosystems programs that address important socio-ecological issues related to the ocean and its uses.

Francis has been active in increasing ocean sustainability and climate change awareness and providing solutions working for and with academia, government, communities, non-profits, and industry. He has extensively focused on climate change and other anthropogenic stressors on the environment, system science, adaptive management, resilience, and environmental policy. He is also a technical reviewer for over 20 international journals and serves on a variety of national and international science panels, committees, and working groups.

Not surprisingly, when he’s away from the office, Francis is still near, on, or under the water—kayaking, sailing, diving, or serving as a scientist/lecturer on Antarctic cruise ships. He also explores the Alaska terra firma via bicycle.



Hawaii State Department of Health
Climate Change and Health Conference
Hyatt Regency Waikiki Beach
2424 Kalakaua Avenue, Honolulu HI 96815



Worley, Katia

Katia Pōhaikealoha Worley, MPH, is the Coordinator for the Hawai'i Department of Health, Office of Health Equity.

Previously, she served as the State Opioid Project Director for the Hawai'i Department of Health focusing on Native Hawaiian and Indigenous health, increasing access to substance use services, and expanding cultural, harm reduction, and telehealth resources. Prior to that, she served the patients on Kalaupapa, Moloka'i where more than 8,000 people with Hansen's disease were exiled.

Katia is a Native Hawaiian, Marshallese, and Creek Indigenous woman born and raised on the Island of Oahu. She has a passion for Native Hawaiian and Indigenous health, addressing multifaceted public health issues through a culturally safe and interdisciplinary approach, and navigating the ever-changing public health landscape to

promote wellness for her lāhui (community).