

**Climate & Security Network Expert Database - 5 March 2024**

Name	Email	Position/Title	Department / Group / Center	Areas of Expertise
Alderson, David	dlalders@nps.edu	Professor / Director / CSN Planning Team	Operations Research, Center for Infrastructure Defense	Computational methods, optimization, network modeling, critical infrastructure systems, vulnerability, resilience
Sue Anne Bell	sabell@umich.edu	Assistant Professor	Institute for Healthcare Policy and Innovation and School of Nursing, University of Michigan	Climate Change and Health: Healthcare Resilience; Healthcare Disaster Management; Focus on Long-Term Care/Nursing Homes
Clunan, Anne	alclunan@nps.edu	Associate Professor	National Security Affairs	Russian and European energy; Arctic and Antarctic warming; production globalization; political economy of development; sustainable development; implications of climate change; green tech and geoeconomics; emerging technologies
Dahl, Eric	ejdahl@nps.edu	Associate Professor	National Security Affairs	Intelligence, homeland security, and national security; How the U.S. intelligence community is able to assess climate change (and non-traditional) threats
Ross Dakin	ross@critsci.com	Co-Founder and CTO	Criticality Sciences, Inc.	Infrastructure; Resilience; Energy; Water; Technology
William (Bill) DeLong	William.delong@cisa.dhs.gov	CHDS/ELP2001 Alumni, CISA Regional Resiliency Assessment Program Coordinator	CISA	Infrastructure; Impacts to Infrastructure as a Result of Climate Change; Resilience
Dew, Nicholas	ndew@nps.edu	Professor / CSN Planning Team	Defense Management	Innovation, including energy
Eisenberg, Dan	daniel.eisenberg@nps.edu	Assistant Professor / Deputy Director / CSN Planning Team	Operations Research, Center for Infrastructure Defense	Critical infrastructure, military installations, vulnerability, resilience
Bill Eller	beller@scc.wa.gov	Voluntary Stewardship	Washington State	Natural disaster preparation, mitigation, response, and recovery; climate change mitigation and resiliency; agriculture and land use
Englehorn, Lyla	laengleh@nps.edu	NWSI Concepts Lead / CSN Planning Team	Naval Warfare Studies Institute	Human centered design/rapid concept generation, maritime security, international maritime law
Christian Ferguson	christian.ferguson@hq.dhs.gov	Advisor and Program Manager, Homeland Security Professional, DHS Headquarters (HQ), Office for Civil Rights and Civil Liberties (CRCL)	CHDS	Climate Security; Equity; Displacement and Migration; Instability and Conflict; Climate Communication
Fletcher, Kristen	kristen.fletcher@nps.edu	Faculty Associate - Research / CSN Planning Team, Lead	Energy Academic Group	Climate, energy & security; law and policy; autonomous systems and AI
Giraldo, Francis	fxgiraldo@nps.edu	Distinguished Professor	Applied Mathematics	Weather (earth and space) prediction and climate; Tropical cyclones (hurricanes) analysis; computer model and tool development for the study of atmospheric processes

Benjamin Thomas Greer	Benjamin.Greer@caloes.ca.gov benjamingreer@hotmail.com	NPS-CHDS Alumni, Counterterrorism/Human Trafficking Instructor for California Office of Emergency Services, Professor (San Joaquin College of Law (pending) and California State University Sacramento (pending))	CHDS	Climate Migration; Forced Migration; Human Trafficking and Exploitation Post Disaster; Internally Displaced Vulnerable Populations
Griffith, Gregory	gregory.griffith@nps.edu	NPS Student / Future Army Acquisitions Officer	Systems Engineering	Aviation
Hale, Britta	britta.hale@nps.edu	Assistant Professor	Computer Science	Computational cost / energy savings in security design, protocol design, and counter unmanned system design
Hancock, Elle	michelle.hancock@nps.edu	Faculty Associate - Research	Centre for Infrastructure Defense	Disaster preparedness and response, social vulnerabiltes, social determinants of health, health systems
Justin Kates	kb3juv@gmail.com	NPS-CHDS Alumni	CHDS	Community Resilience; Climate Adaptation; Emergency Management
Jenkins, Kenneth	kenneth.jenkins@nps.edu	NPS Student	Defense Management, Manpower Systems Analysis	Healthcare Delivery
Jones, Kellen	kellen.jones@lhd8.navy.mil	METOC Officer	Meteorology	Meteorology and Climatology
Joseph, John	jejoseph@nps.edu	Faculty Associate - Research	Oceanography	Underwater acoustics, physical and acoustical oceanography
Kain, Alissa	alissa.kain@nps.edu	NPS Student / LT	Systems Engineering	Energy Security/Resilience
Killoran, Monica	monica.killoran@nps.edu	METOC Officer / LT	METOC and USW Programs Office	Meteorology, Climatology, Oceanography
Kinney, Jaclyn	jtcllemen@nps.edu	Research Associate Professor	Oceanography	Arctic ice-ocean numerical modeling and prediction
Dr. Romeo B Lavarias	rblavarais@miramarfd.org	Emergency Manager	City of Miramar, FL	Disaster Preparedness; Disaster Prevention; Disaster Response; Disaster Recovery; Disaster Mitigation; Ethics; Performance Measurement; Policy Evaluation
Sabrina Lehrke	sabrina.lehrke@azdema.gov; sabrinalehrke25@gmail.com	Logistics/Mutual Aid Coordinator	Arizona Department of Emergency and Military Affairs	Disaster response and preparedness
Lesse, Marina	marina.lesse@nps.edu	Faculty Associate - Research / CSN Planning Team	Energy Academic Group	Energy, environmental and marine Science, UxS related to climate and security
Lipow, Jonathan	jlipow@nps.edu	Professor of Economics	Defense Resources Management Institute	Economic implications of climate change and mitigation strategies, and the impact on national security
Looney, Robert	relooney@nps.edu	Distinguished Professor	National Security Affairs	Energy security, climate security, energy policy in oil producing countries; climate change and national security
Meierding, Emily	elmeierd@nps.edu	Associate Professor / CSN Planning Team	National Security Affairs	Relationships between environmental stresses and political instability, within and between countries
Menichini, Amilcar	aamenich@nps.edu	Associate Professor	Defense Management, Financial Management	Economics, finance, and accounting; Climate, energy, and weather derivatives contracts.
Meyskens, Covell	cfmeyske@nps.edu	Associate Professor	National Security Affairs	China's environmental policies, development of green energy technologies, and drive to be a global leader on climate policy

Moreland, Scott	srmorela@nps.edu	Functional Lead, Emergency Management & Resilience (EM&R)	Institute for Security Governance, Defense Security Cooperation University, DSCA	Disaster risk assessment and emergency management; national resilience; security cooperation and collective security; security sector institutional capacity building; defense transformation and capability development
Murphree, Tom	murphree@nps.edu	Research Associate Professor Emeritus / CSN Planning Team	Meteorology	Climate change; climate variations; climate analysis, modeling, and prediction; transitioning of climate research to operations; operational impacts of climate
Nuss, Wendell	nuss@nps.edu	Professor / Chair	Meteorology	Climate dynamics and prediction; the climate system and formation/evolution of atmospheric rivers, droughts, wildfires, and other weather phenomena
Nussbaum, Dan	danussba@nps.edu	Chair	Energy Academic Group, Operations Research	Cost estimating and energy
Pesicka, Emily	emily.pesicka@nps.edu	ORISE Post Doctoral Scholar / CSN Planning Team	Center for Infrastructure Defense	Climate change, critical infrastructure, international relations, political science, military installations, resilience, climate surprise, national security, environmental law and politics, public policy
Paul Petersen, PharmD, MPH, CEM	Paul.Petersen@tn.gov	Director, Emergency Preparedness Program	Tennessee Department of Health	Public Health; Health and Medical (ESF-8); Preparedness; Response
Steven Polunsky	polunsky@gmail.com	Senior Energy Policy Specialist	Washington State Department of Commerce	Energy, Transportation; Critical Infrastructure
Powell, Scott	scott.powell@nps.edu	Assistant Professor	Meteorology	Atmospheric Dynamics, Tropical Meteorology, Remote Sensing
Van Bossuyt, Douglas	douglas.vanbossuyt@nps.edu	Assistant Professor / CSN Planning Team	Systems Engineering	Critical infrastructure, microgrids, resilience, systems engineering, failure analysis, risk analysis, zero-trust
Witte, Mikael	mikael.witte@nps.edu	Assistant Professor	Meteorology	The role of low-altitude marine clouds in the climate system
Katrina Marie Woodhams	Katrina.woodhams@nrel.gov; kwoodhams11@outlook.com	Energy Security Project Manager/Researcher at the National Renewable Energy Lab (NPS-CHDS Alumni, Homeland/Energy Security Professional)	Resilient Systems Design and Engineering Group, Energy Security and Resilience Center	Energy security and resilience, clean energy transition and capacity building, integrated urban services/energy-food-water-waste infrastructure & circularity, disaster recovery and resilience
Woodson, Ashley	aswoodso@nps.edu	Faculty Associate / ISG Climate Security Lead Planner	Institute for Security Governance	Climate Security, Environmental Security
Katelin Wright	katelin.wright20@gmail.com	NPS-CHDS Alumni/Homeland Security Professional	CHDS	Climate Security, Climate Migration, Internal Displacement, Homeland Security
Zefferman, Matthew	mrzeffer@nps.edu	Assistant Professor	Defense Analysis	Social science modeling; climate change and collective action