

Dr. Julie Pullen

Oceanographer · Earth System Scientist · Author



Dr. Julie Pullen's speaking and writing bring the Earth system to life, conveying the stakes of a changing planet and the risks and responses. She makes complex science accessible and engaging, leading to better decision-making across business and policy worlds.

Her career has taken her from measuring ocean currents with the U.S. Navy to leading the National Maritime Security Center. From being an ocean engineering professor, she helped lead a startup and then co-founded a venture capital fund investing in ocean climate technologies. Her expertise spanning research, business, and security gives her rare fluency across the scientific, policy, and commercial dimensions of weather and climate.

A Fellow of the Explorers Club (recognized for her international fieldwork studying the air and sea), a former Marie Tharp Fellow at Columbia's Earth Institute, and a former Fulbright Visiting Professor in the Philippines, she uses earth system models, AI, and data to predict future patterns. She currently serves on the board of Ocean Visions and on the science advisory boards of the Euro-Mediterranean Center on Climate Change and Carbon to Sea.

Dr. Pullen was appointed to the Congressionally-mandated U.S. Climate Security Roundtable and has held positions at two Department of Energy national labs. She peer-reviewed the Fourth and Fifth National Climate Assessments, held elected leadership roles in both the American Meteorological Society and The Oceanography Society, and has authored more than 60 peer-reviewed papers.

Her Ph.D. is in physical oceanography from Oregon State University, with a master's degree in applied mathematics from the University of Arizona. She was the first undergraduate intern at the Santa Fe Institute, where she worked with evolutionary biologist Stuart Kauffman.

Dr. Pullen was named a Bloomberg Climate Leader to Watch in 2024 and profiled in Businessweek, and appears as lead scientist in Earth Protectors, streaming on Apple TV+. Her work has been covered in National Geographic and Axios, and her writing has appeared in Scientific American. Her debut nonfiction book is forthcoming.