



James Bellingham, PhD, is the executive director of the Johns Hopkins Institute for Assured Autonomy and the Bloomberg Distinguished Professor of exploration robotics. For more than 30 years, Bellingham has been a global leader in the development of small, high-performance autonomous underwater vehicles (AUVs), resulting in a class of systems that are now widely used within the military, industry, and science communities. He has been instrumental in innovations for ocean observing and has spent considerable time at sea, leading two dozen AUV expeditions in locations across the Antarctic, North Atlantic, Mediterranean, South Pacific, and Arctic.

James Bellingham on Understanding the Ocean

[In this video](#), Dr. Bellingham shares his perspective on the challenges of working in the ocean environment and why now is an exciting time in the history of the world.