

## Biographical Sketch of Dr. Jane Lubchenco— Updated March 2021

Jane Lubchenco, University Distinguished Professor at Oregon State University, is a marine ecologist with expertise in the ocean, climate change, and interactions between the environment and human well-being. She served as the U.S. Under Secretary of Commerce for Oceans and Atmosphere and Administrator of the National Oceanic and Atmospheric Administration (NOAA) and an inaugural member of President Barack Obama's Science Team from 2009-2013. From 2014-2016, she was the first U.S. State Department Science Envoy for the Ocean, serving as a science diplomat to China, Indonesia, South Africa, Mauritius and the Seychelles.

Dr. Lubchenco is one of the “most highly cited” ecologists in the world with eight publications as “Science Citation Classics.” She believes in using science and engaging society to craft solutions to society's biggest challenges. She has a distinguished history of collaborations with industry, communities, civil society, academia, and faith-based organizations to address climate change, reform fisheries, restore coastal habitats and promote resilient communities. She believes we can harness science and creativity and work with nature to achieve healthy and resilient oceans, productive landscapes, vibrant communities and people.

In recognition of her scientific contributions, she is an elected member of the National Academy of Sciences, The American Academy of Arts and Sciences, The American Philosophical Society, the Royal Society, The World Academy of Science, the Pontifical Academy of Sciences, and other distinguished academies. She has received numerous awards including 23 honorary doctorates, a MacArthur (‘genius’) Fellowship, and the highest honors given by the National Academy of Sciences (the Public Welfare Medal), the National Science Foundation (the Vannevar Bush Award), and the Department of Commerce (Gold Medal Award), and the highest honor given to a civilian by the U. S. Coast Guard (Distinguished Public Service Award).

She co-founded three organizations that train scientists to be better communicators and engage more effectively with the public, policy makers, media and industry (COMPASS, the Leopold Leadership Program (now the Earth Leadership Program), and Climate Central). She co-founded an integrated research/monitoring/outreach program (PISCO, the Partnership for Interdisciplinary Studies of Coastal Oceans), the National Ocean Protection Coalition, and the MPA Project which seeks to advance smart use of effective Marine Protected Areas.

She has served as the President of numerous professional scientific societies including the Ecological Society of America, the American Association for the Advancement of Science (AAAS) and the International Council for Science (ICSU). She has served on multiple national commissions including the Pew Oceans Commission, the Joint Ocean Commission Initiative, and the Aspen Institute Arctic Commission. She has led or contributed to multiple regional, national, and international scientific assessments on climate change, biodiversity, Marine Protected Areas, the ocean, and the intersection of science and society. Most recently, she co-chaired the Expert Group for the High Level Panel for a Sustainable Ocean Economy, a

pioneering partnership across 14 serving heads of state or government to harness science and action to protect the ocean effectively, produce from it sustainably, and prosper equitably.

Dr. Lubchenco received a B.A. in biology from Colorado College, a M.S. in zoology from the University of Washington, and a Ph.D. in ecology from Harvard University. Her academic career as a professor began at Harvard University (1975-1977) and continued at Oregon State University (1977-2009) until her appointment as NOAA Administrator. Following her resignation from NOAA, she was the 2013 Haas Distinguished Visitor in Public Service at Stanford University, then Oregon State University's University Distinguished Professor.