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Since 1989 Jesse Ausubel has served in New York City at The Rockefeller University, where he leads a program to elaborate the technical vision of a large, prosperous society that emits little harmful and spares large amounts of land and sea for nature. Mr. Ausubel began his career in 1977 as a resident fellow working on problems of the ocean and atmosphere with the U.S. National Academy of Sciences in Washington DC. Mr. Ausubel initiated and helped lead numerous major programs advancing cooperative international observation of the oceans, including the World Climate Program, Census of Marine Life, Barcode of Life Initiative, Deep Carbon Observatory, and International Quiet Ocean Experiment. At present his lab is pioneering studies of naked DNA in seawater to assess presence and abundance of marine species and in 2018 hosted the first US National Conference on Marine eDNA. His biological interests span from microbes to mammals and assessment of “microbes as a Great Power” to human biological diaries. He has chaired US government studies on the future of the oceans and on the industrialization of the oceans. An adjunct scientist of the Woods Hole Oceanographic Institution, he has authored and edited about 200 publications.

In 2009 Dalhousie University (Canada) and in 2012 St. Andrews University (Scotland) awarded Mr. Ausubel honorary doctorates for his contributions to environmental science. In 2010 he received the Blue Frontier/Peter Benchley prize for ocean science, in 2011 was elected a Fellow of the American Academy of Arts & Sciences, and in 2011 shared the International Cosmos Prize as a member of the leadership of the Census of Marine Life. In 2012 he was named America’s National Ocean Champion and in 2022 received the Scripps Institution of Oceanography Nierenberg Prize for Science & Society. A deepsea lobster, *Dinochelus ausubeli*, is named in his honor as well as a genus of Bryozoans, the *Jessethoa*.