

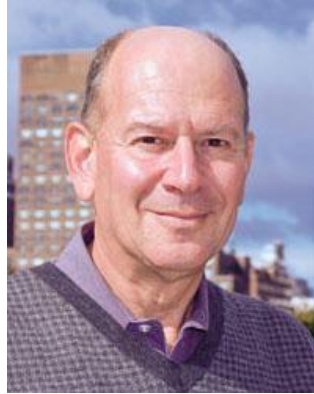
# 35<sup>th</sup> Annual Michelson Lecture

Thursday, October 15, 2015 at 7:15 PM

Mahan Hall

United States Naval Academy

Annapolis, Maryland



Jesse Ausubel

The Rockefeller University, New York, NY

## **Ocean Past, Ocean Future: Reflections on the Shift from the 19<sup>th</sup> to 21<sup>st</sup> Century Ocean**

### **Abstract:**

I will identify major forces of change and trends in use of the oceans and explore the status of observing technologies and systems, devoting particular attention to human additions of sound in the ocean. I will conclude with some thoughts about the move from a quiet, uncrowded ocean where it was easy to be lost or missed to a loud, crowded, transparent ocean, especially in the Indo-Pacific, and implications for the security environment.

### **About the Speaker:**

Jesse Huntley Ausubel is Director of the Program for the Human Environment at The Rockefeller University in New York. The program elaborates the technical vision of a large, prosperous society which emits little that is harmful and spares large amounts of land and sea for nature.

Mr. Ausubel been awarded honorary doctorates by Dalhousie University in Canada and St. Andrews University in Scotland 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 shared the International Cosmos Prize as a leader of the Census of Marine Life, and in 2012 was named America's National Ocean Champion by Monmouth University.

Author or editor of 150 publications, Mr. Ausubel is an adjunct scientist of the Woods Hole Oceanographic Institution, University Fellow of Resources for the Future, and member of the Council on Foreign Relations where he serves on the board of *Foreign Affairs*. Since 1994 he has served concurrently as a program director, vice president, and science advisor for the Alfred P. Sloan Foundation. Since 2000 Mr. Ausubel has worked with the Office of Net Assessment (ONA) of the Office of the Secretary of Defense, and is a three-time co-chair of the ONA Summer Study, which focuses on the future national security environment.

**The Michelson Memorial Lecture Series is sponsored by the United States Naval Academy Class of 1969.**