

Pamela Matson

Dean of School of Earth Sciences, Stanford University

Education:

Ph.D., Forest Ecology, Oregon State University

M.S., Environmental Science, Indiana University

B.S., Biology, University of Wisconsin-Eau Claire

Pamela Matson was appointed Chester Naramore Dean of the School of Earth Sciences in December 2002. She is also the Richard and Rhoda Goldman Professor of Environmental Studies. Her research focuses on biogeochemical cycling and biosphere-atmosphere interactions in tropical forests and agricultural systems. Together with hydrologists, atmospheric scientists, economists and agronomists, she analyzes the economic drivers and environmental consequences of land use and resource use decisions in developing world agricultural and natural ecosystems, with the objective of identifying practices that are economically and environmentally sustainable. With her students, she also evaluates the response of tropical forests to nitrogen deposition and climate changes.



Dr. Matson joined the Stanford faculty in 1997, following positions as professor at UC Berkeley and research scientist at NASA. She earned her B.S. at the University of Wisconsin - Eau Claire, M.S. at Indiana University, and Ph.D. at Oregon State University. She is currently the chair of the National Academies Roundtable on Science and Technology for Sustainability, and past President of the Ecological Society of America.

Dr. Matson serves on the board of trustees of several institutions, including the World Wildlife Fund for Nature, and is Founding Editor-in-Chief of the Annual Review of Environment and Resources, a fellow of the American Association for the Advancement of Science and a fellow of the American Geophysical Union. She was elected to the American Academy of Arts and Sciences in 1992 and to the National Academy of Sciences in 1994, and in 1995, was selected as a MacArthur Fellow. In 2002 she was named the Burton and Deedee McMurtry University Fellow in Undergraduate Education at Stanford.