

Curriculum Vitae
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Academic Background

B.S. magna cum laude in Biology, University of Wisconsin - Eau Claire, 1975
M.S. in Environmental Science, Indiana University, 1980
Ph.D. in Forest Ecology, Oregon State University, 1983
Post-doctoral Fellow, Department of Entomology, North Carolina State University, 1983
Research Scientist, NASA-Ames Research Center, 1983 - 1993
Professor, University of California, 1993-1997
Professor, Stanford University, 1997-present

Honors

Ames Associate Fellow (1992)
American Academy of Arts and Sciences (1992)
NASA Exceptional Service Medal (1993)
National Academy of Sciences (1994)
MacArthur Fellowship (1995-2000)
University of Wisconsin-Eau Claire Distinguished Alumni Award (1996)
AAAS Fellow (1997)
Oregon State University Distinguished Alumni Award (1998)
McMurtrey Fellow for Undergraduate Education

Publications

Matson P.A. and P.M. Vitousek. 1981. Nitrogen mineralization and nitrification potentials following clearcutting in the Hoosier National Forest, Indiana. *Forest Science* 27:781-791.

Binkley, D. and P.A. Matson. 1983. An evaluation of an ion exchange resin bag method for assessing forest soil nitrogen availability. *Soil Science Society of America Journal* 47:1050-1052.

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Carney, K.M., and P.A. Matson. Plant diversity, soil microorganisms, and soil carbon cycling: does altering belowground communities matter to ecosystem functioning? *Ecosystems*.

Matson, P., A. Luers, K. Seto, and R. Naylor. 2004. People, Land Use, and Environment in the Yaqui Valley, Sonora, Mexico. Paper presented at *Workshop on New Research on Population and the Environment*. National Research Council, Irvine, CA. January.

Professional Activities (2000-Present)

Editor in chief, Annual Review of Environment and Resources, 2002-
Editorial Board, *Ecosystems*, 1997-present
Associate Editor, *Biogeochemistry*, 1993-1997
Editorial Board, *Ecological Applications*, 1994-2000
Editorial Board, *Global Change Biology*, 1994-present
Editorial Board, *Annual Review of Energy and Environment* 1998-2000
Reviewer, scientific papers for professional journals in ecology, biogeochemistry, remote sensing, atmospheric sciences, and global change research.
Chair, NAS Section 63, Ecological and Environmental Sciences
Past-President, Ecological Society of America
Chair, NAS/NAE Roundtable on Science and Technology for Sustainability
Member, National Parks Conservation Association Board of Trustees
Member, Aspen Global Change Institute Advisory Board
Member, Institute of Ecosystem Studies Board of Trustees
Member, National Center for Atmospheric Research Advisory Committee
Member, Life Sciences Advisory Committee for Cornell University
Member, U.S. National Committee of the Scientific Committee on Problems of the Environment (SCOPE) (completed 2000)
Chair, Ecological Society of America Sustainable Biosphere Initiative Steering Committee (completed 2000)
Member, Natural Resource Ecology Laboratory Advisory Committee (completed 2000)
Member, National Academy of Sciences Board on Sustainable Development (completed 2000)
Member, International Geosphere-Biosphere Program Scientific Advisory Committee (completed 2001)
Member, NAS/NAE Coordinating Committee for Sustainability Science (completed 2001)

University Service (1999-Present)

1997-present Goldman Honors Program faculty member
1997-2001 Sexual Harassment Advisor, School of Earth Sciences
1998-1999 Acting Director, Earth Systems Program
1998-present Institute for International Studies Ad Hoc Search Committee
1999-present Sant Director of the Earth Systems Program
1999-2000 Dean of the School of Education Search Committee
1999-present Provost's Committee on Environment
2001-present Provost's Task Force on University Needs

Memberships in Professional Societies

Ecological Society of America
American Association for the Advancement of Science
American Geophysical Union

American Institute for Biological Sciences
American Association of University Women