

Biographical Sketch: Stephen Russell Carpenter

Stephen Russell (Steve) Carpenter is a leader of whole-ecosystem experiments and adaptive ecosystem management focused on freshwaters. Topics include trophic cascades and their effects on production and nutrient cycling, contaminant cycles, freshwater fisheries, eutrophication, nonpoint pollution, ecological economics of freshwater, and resilience of social-ecological systems.

Carpenter serves as the Director of the Center for Limnology at the University of Wisconsin-Madison, where he is the Stephen Alfred Forbes Professor of Zoology. He is a member of the U.S. National Academy of Sciences, a Fellow of the American Academy of Arts and Sciences, and a foreign member of the Royal Swedish Academy of Sciences. Carpenter is among the world's most highly-cited researchers in Environmental Science. He has received many awards for distinguished research. Among these are a Pew Fellowship in Conservation and Environment, the G. Evelyn Hutchinson Medal of the American Society of Limnology and Oceanography, the Robert H. MacArthur Award from the Ecological Society of America, the Excellence in Ecology Prize from the Ecology Institute, and the Naumann-Thienemann medal of the International Society for Limnology.

Carpenter is Chair of the Science Committee for the Program on Ecosystem Change and Society of the International Council of Science. He is co-Editor in Chief of *Ecosystems*, and a member of governing boards for the Beijer Institute of Ecological Economics and the South American Institute for Resilience and Sustainability Studies. From 2000-2005 he served as co-chair of the Scenarios Working Group of the Millennium Ecosystem Assessment. He led the North Temperate Lakes Long-Term Ecological Research program at U.W.-Madison from 1999-2009. He is a former President of the Ecological Society of America. Carpenter has published 5 books and about 300 scientific papers, book chapters, reviewed reports and commentaries. He received a B.A. from Amherst College (1974), M.S. from University of Wisconsin-Madison (1976), and Ph.D. from U.W. Madison (1979). From 1979-1989 he served as Assistant and then Associate Professor at the University of Notre Dame. He joined the U.W.-Madison faculty in 1989. A full biographical sketch, publication list and contact information are posted on <http://limnology.wisc.edu/personnel/carpenter/>.