

Programme on Ecosystem Change and Society (PECS)

Scientific Committee Chair, 2009–11

Stephen Carpenter

Stephen Russell (Steve) Carpenter is the Stephen Alfred Forbes Professor of Zoology at the University of Wisconsin-Madison Center for Limnology. He directs the North Temperate Lakes Long-Term Ecological Research site as well as a diverse program of whole-ecosystem experiments. He is co-editor in chief of *Ecosystems*, and a member of governing boards for the Beijer Institute of Ecological Economics, Cary Institute of Ecosystem Studies, Resilience Alliance, and South American Institute for Resilience and Sustainability Studies. Carpenter is a member of the US 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.

He has received 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 for Limnetic Ecology, and the Naumann-Thienemann medal of the International Society for Limnology. The Institute for Scientific Information has recognized him as one of the world's most highly cited researchers in environmental science. He is a former President of the Ecological Society of America and served as co-chair of the Scenarios Working Group of the Millennium Ecosystem Assessment.

Carpenter is an ecosystem ecologist known for his leadership of large-scale experiments and adaptive ecosystem management. His work has addressed 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.

A full biography and publication list is at: <http://limnology.wisc.edu/personnel/carpenter>