

Biographical Sketch: Steve Carpenter

Steve Carpenter led whole-ecosystem experiments to address basic and applied questions about lakes and watersheds to study trophic cascades and their effects on nutrient cycles and water quality, nonpoint pollution, contaminant cycling, ecological economics of freshwater, and resilience of ecosystems and social-ecological systems. He is an experienced organizer of collaborations among scientists, managers and the public to improve the quality of working landscapes and the freshwaters that drain them.

Carpenter is Emeritus Professor of Integrative Biology and former Director of the Center for Limnology at the University of Wisconsin- Madison. He is a member of the U.S. National Academy of Sciences, a Fellow of the American Academy of Arts and Sciences, and foreign member of the Royal Swedish Academy of Sciences. Carpenter is the 2011 laureate of the Stockholm Water Prize. He received the Margalef Prize in 2019 and the Blue Planet Prize in 2022. Other awards include 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, the Naumann-Thienemann medal of the International Society for Limnology, and the John Martin and A.C. Redfield Awards of the Association for the Sciences of Limnology and Oceanography.

Carpenter is co-founder and co-Editor in Chief of *Ecosystems* and a member of the International Science Advisory Council for the Stockholm Resilience Centre. He is a former President of the Ecological Society of America and founding member and Fellow of the Resilience Alliance. 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. A full biography and publication list are posted on <https://limnology.wisc.edu/faculty/stephen-r-carpenter/>