

David J. Carlson

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Oceanographer, manager of science projects from the tropics to the poles, life-long student of our planet advocating international cooperation and open data access.

Director, [World Climate Research Programme](#) (2014-present): facilitate analysis and prediction of Earth system variability and change with relevance, benefit and value to society.

Co-founder and co-Chief Editor, with H. Pfeiffenberger (Alfred Wegener Institute), of [Earth System Science Data](#) (2009-present): international data publication journal.

Director, International Polar Year (IPY) International Programme Office (2005-2010):

Organised, managed, coordinated, represented and supported a very large international interdisciplinary science program.

Director, Atmospheric Technology Division, NCAR (1994-2003): Led ATD staff in support of research in atmospheric dynamics, atmospheric physics and chemistry, land-atmosphere and ocean-atmosphere interaction, hydrology, oceanography, and ecology around the planet.

Director, Tropical Ocean Global Atmosphere (TOGA) Coupled Ocean Atmosphere Response Experiment (COARE) International Project Office (1990-1994): Managed and coordinated large international program involving atmospheric and oceanic scientists.

Assistant and Associate Professor, College of Oceanography, Oregon State University (1983-1990): Research partnerships in interfacial and marine chemistry, small-scale ocean physics and rheology, oceanic microbiology, chemical ecology, and air-sea interaction.

Education

- B.A. (Biology), Augustana College, 1973
- Ph.D. (Oceanography), University of Maine, 1981
- Post-Doc. (Naval Research Laboratory), US National Research Council, 1983

Fellowships, Scholarships and Awards

- US National Merit Scholarship, 1969–1973
- US National Wildlife Federation Environmental Conservation Fellowship, 1978–1979
- Outstanding Teacher Award, Oregon State University Alumni Association, 1986
- Distinguished Alumni Award, Augustana College (Rock Island, Illinois), 2007