

Michael MacCracken has been serving on a pro bono basis as Chief Scientist for Climate Change Programs with the Climate Institute since his official retirement in 2002. He currently serves on the steering circle of the Healthy Planet Action Coalition, is a member of the ad hoc panel advocating supplementing the US transmission grid with a national HVDC network buried mainly in railroad rights of way, and treasurer of the Oceana Energy Company that is developing a unique design for a marine turbine. An alum of Princeton (B.S.E., 1964) and the University of California Davis (Ph.D., 1968), he led climate change studies at the Department of Energy's Lawrence Livermore National Laboratory from 1968-93 and then served as senior scientist with the interagency Office of the U.S. Global Change Research Program from 1993-2002, including successively as the executive director of the Office from 1993-97 and executive director of the first US national assessment coordination office from 1997-2001. From 2002-04 he was on the synthesis team for the first Arctic climate change assessment; from 2003-07 he served as president of the International Association of Meteorology and Atmospheric Sciences; and from 2003-11 he was the IUGG's atmospheric nominee to serve on the executive committee of SCOR (the Scientific Committee on Oceanic Research) that coordinates international ocean research programs. Mike has also been active with the Intergovernmental Panel on Climate Change, at various times as a contributing author, reviewer, twice coordinator of the official U.S. Government reviews of the Working Group I and II draft reports, and participant in the 2011 IPCC Expert Meeting on Geoengineering. In addition to numerous articles and reports on the climatic effects of various natural and human influences (e.g., volcanic eruptions, nuclear conflict, greenhouse gases), he has authored the following articles and related items on geoengineering:

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