

Dr. Michael MacCracken has been Chief Scientist for Climate Change Programs with the Climate Institute in Washington DC since October 2002. His current research interests include human-induced climate change and consequent impacts, climate engineering (particularly, on the potential for countering specific climate change impacts), and the beneficial effects of limiting emissions of short-lived greenhouse gases (e.g., methane, precursors to tropospheric ozone) and black carbon. At Lawrence Livermore National Laboratory (LLNL), Mike led studies from 1968-93 using computer models to evaluate the climatic effects of CO₂ and other climate-warming gases, volcanic eruptions, land-cover change, and smoke and dust in the event of a major nuclear war. His research also included study of the causes of Bay Area air pollution, and he led a multi-DOE lab research program on acid deposition from 1976-79 and advised DOE on its climate change research program from 1978-93.

From 1993-97, Mike served on detail from LLNL as the first executive director of the interagency Office of the U.S. Global Change Research Program and from 1997-2001 as executive director of the National Assessment Coordination Office. After the detail ended in September 2002, Mike retired from LLNL and took on his role with the Climate Institute. Since that time, he has also served as president of the International Association of Meteorology and Atmospheric Sciences (2003-07), as an integration team member for the Arctic Climate Impact Assessment (2002-04), and as an author, review editor, and reviewer in various of the four assessments of the Intergovernmental Panel on Climate Change (IPCC). In addition to his research, he has submitted six legal declarations in support of national level efforts to limit climate change, and his declaration on standing relating to global climate change and impacts on particular regions was cited favorably by Supreme Court Justice Stevens in his April 2007 opinion in *Massachusetts et al. versus EPA*.

Mike's undergraduate degree is from Princeton University and his Ph.D. in applied science is from the University of California Davis. Mike and his wife Sandy live in Bethesda, MD.