Gerald A. Meehl
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Gerald Meehl received his Bachelor's (1974), Master's (1978), and Ph.D. (1987) degrees in climate dynamics from the University of Colorado in Boulder. Since 1973, he has worked at the National Center for Atmospheric Research (NCAR) in various capacities, including participating in the Tropical Wind Energetics Reference Level Experiment (TWERLE) in Pago Pago, American Samoa, and Christchurch, New Zealand (1975--76), in the Monsoon Experiment (MONEX) in Bintulu, Sarawak, Malaysia, and Kathmandu, Nepal (1978--79), and in the Tropical Ocean Global Atmosphere (TOGA) Coupled Ocean Atmosphere Response Experiment (COARE) in Townsville, Australia, Kapingamarangi, FSM, Pohnpei, FSM, and Republic of Nauru (1992--93). Since 1979, as a scientist in the Climate and Global Dynamics Division, he has studied the interactions between El Nino/Southern Oscillation (ENSO) and the Indian monsoon, analyzed the results from global coupled ocean-atmosphere general circulation models at NCAR, and examined the possible effects of increased carbon dioxide, sulfate aerosols, and other forcings on global climate. He is the author of more than 150 scientific papers in peer-reviewed journals, has contributed chapters to several textbooks, and, as part of the Intergovernmental Panel on Climate Change (IPCC) science team, is a 2007 Nobel Peace Prize laureate for his role as contributing author for the 1990 and 1992 assessments, a lead author for the chapter on climate model projections of future climate change for the 1995 IPCC assessment, a coordinating lead author for the chapter on climate model projections of future climate change for the IPCC Third Assessment Report published in 2001, and a coordinating lead author for the chapter on global climate change projections for the 2007 IPCC Fourth Assessment Report. Among his current committee appointments, he is a member of National Research Council Climate Research Committee, co-chair of the Community Climate System Model Climate Change Working Group, co-chair of the World Climate Research Programme CLIVAR Working Group on Coupled Models (WGCM), and chairman of the WGCM Climate Simulation Panel which coordinated analyses of global coupled climate model simulations for the IPCC Fourth Assessment Report.