



Antonio J. Busalacchi

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Antonio J. Busalacchi is President of the University Corporation for Atmospheric Research (UCAR) in Boulder, Colorado. Prior to his appointment at UCAR, he was Director of the Earth System Science Interdisciplinary Center (ESSIC), Professor in the Department of Atmospheric and Oceanic Science, and the Glenn L. Martin Institute Professor, at the University of Maryland. He has studied tropical ocean circulation and its role in the coupled climate system especially the development and application of numerical models combined with in situ and space-based ocean observations to study the tropical ocean response to surface fluxes of momentum and heat. His research on climate variability and predictability has supported a range of international and national research programs dealing with global change and climate, particularly as affected by the oceans. He has served extensively on U.S. National Academy of Science/National Research Council activities and has been involved in the activities of the World Climate Research Programme (WCRP) for many years. From 2008-2014 he chaired the Joint Scientific Committee that oversaw the WCRP. Previously he was co-chair of the scientific steering group for its sub-program on Climate Variability and Predictability. He is currently serving on the World Meteorological Organization's Research Board on Weather, Climate, Water, and the Environment.

University Degrees: Florida State University, B.S., Physics (Magna Cum Laude), 1977; M.S., Oceanography, 1980; Ph.D., Oceanography, 1982.

Honors and Awards: Arthur S. Flemming Award, 1991; NASA/Goddard Excellence in Outreach Award and the Presidential Rank Meritorious Executive Award, 1999; American Meteorological Society (AMS) Walter Orr Roberts Interdisciplinary Science Lecturer, 2006. Fellow: AMS, American Geophysical Union (AGU), and the American Association for the Advancement of Science (AAAS). Elected Member U.S. National Academy of Engineering, 2016.

Career History: Oceanographer, Oceans and Ice Branch, Goddard Laboratory for Oceans, Lab. Atmospheric Sciences (1982-1988), Head, Oceans and Ice Branch, Goddard Laboratory for Hydrospheric Processes (1988-1990), Associate Chief for Research, Goddard Laboratory for Hydrospheric Processes (1990-1991), Chief, Goddard Laboratory for Hydrospheric Processes (1991-2000), Associate Professor Adjoint, University of Colorado (1987-1990), Adjunct Professor of Oceanography, University of Rhode Island (1994-2000), Professor, Department of Atmospheric and Oceanic Science, University of Maryland, College Park (2000-2018), Director, Cooperative Institute for Climate Studies (CICS) (2002-2006), Affiliate Professor, Maryland Institute for Applied Environmental Health, School of Public Health (2009-2016), Affiliate Professor, Department of Geology, University of Maryland, College Park (2000-2016), Director, Earth System Science Interdisciplinary Center (ESSIC), University of Maryland, College Park (2000-2016), Chair, University of Maryland Council on the Environment (2011-2016), Glenn L. Martin Professor, University of Maryland (2016-2018), President, University Corporation for Atmospheric Research (2016-present)

Fellow (2023) of the International Union of Geodesy and Geophysics (IUGG)

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