



D. James Baker
Director, Global Carbon Measurement Program
William J. Clinton Foundation
Former Administrator
National Oceanic and Atmospheric Administration (NOAA)

Dr. D. James Baker was educated as a physicist, practiced as an oceanographer, and has held science and management positions in academia, not for profit, and government institutions. He is currently the Director of the Global Carbon Measurement Program of the William J. Clinton Foundation, using forestry programs to reduce carbon dioxide emissions and alleviate poverty in developing countries. He is also a science and management consultant with the Intergovernmental Oceanographic Commission of UNESCO in Paris and the H. John Heinz III Center for Science, Economics and the Environment in Washington, D.C., where he focuses on improving monitoring and warning systems for weather, climate, and environmental change. He is a member of the international Science Steering Committee for the Census of Marine Life, is designing new ocean exhibits as an Explorer-in-Residence at the Aquarium of the Pacific in California, and is an adjunct professor at the University of Delaware. He has served on Presidential Commissions, chaired numerous national and international advisory committees, and has testified frequently to the United States Congress on environmental issues. He was a scientific advisor to former Vice President Al Gore on the Oscar-winning film *An Inconvenient Truth* and lectures regularly on sustainability, climate change, and oceanography.

During the 1990s in the Clinton Administration, Baker was Administrator of the National Oceanic and Atmospheric Administration (NOAA) and Under Secretary of Commerce for Oceans and Atmosphere. There he guided the completion of the modernization of the National Weather Service; initiated new climate forecasting services; and merged civil and military environmental satellite systems. During his tenure, the funding for fisheries and coastal zone management dramatically increased and the backlog for mapping and charting the nation's coastal waters was greatly reduced. He co-chaired the President's Global Disaster Information Network Council and the Committee on Environment and Natural Resources and served on the President's Council on Sustainable Development. As the U.S. Commissioner to the International Whaling Commission he led the efforts to establish in the Southern Ocean the largest whale sanctuary ever put in place. He was the co-chair of the Environmental Working Group of the U.S./Russia Binational Commission which led to the first release of classified Russian environmental data.

Most recently, Baker was President and CEO of the Academy of Natural Sciences in Philadelphia where he established new research programs and created a popular Town Square public discussion forum on topics ranging from urban sustainability to global warming. Before coming to NOAA, he was President of Joint Oceanographic Institutions Incorporated in Washington, D.C., where he managed the international Ocean Drilling Program; co-founded and was the first Dean of the College of Ocean and Fishery Sciences at the University of Washington in Seattle, Washington; and taught and carried out research at Harvard University and the University of Rhode Island. He has led oceanographic expeditions to many parts of the world and shares a patent for a deep-sea pressure gauge. He has more than 100 scientific publications and is the author of the book *Planet Earth: The View from Space*, published by Harvard University Press.

Baker co-founded and was the first President of The Oceanography Society and is a Fellow of the American Meteorological Society and the American Association for the Advancement of Science. He was elected a member of the American Philosophical Society and has served as the B. Benjamin Zucker Environmental Fellow at Yale College. He was awarded the Lifetime Achievement Award by Oceanology International in 2008 for his "contribution to oceanography and marine science" and the Vikram Sarabhai Medal by the Government of India in 1998 for his "outstanding contributions to space research in developing countries"; and holds two honorary degrees. He has a B.S. in Physics from Stanford University and a Ph.D. in Experimental Physics from Cornell University.

Dr. Baker and his wife, Ms. Emily Lind Baker, reside in Chestnut Hill, Philadelphia. In terms of community service, he serves on the Boards of the Institutes for Journalism and Natural Resources, the Geographical Society of Philadelphia, the Mendelssohn Club Chorus of Philadelphia, where he serves as chair of the development committee, and on the Franklin Institute Awards Committee for Science and the Arts.