



Prof. Wolfgang Lucht holds the Chair of the Department of Earth System Analysis at the Potsdam Institute for Climate Impact Research (PIK), situated in Potsdam, Germany. PIK is a recognized leader in science of climate change, climate change impacts, the energy system and sustainability. In addition to his appointment at PIK, he holds a professorship in Earth System Research at the Institute of Geoecology of Potsdam University in Potsdam, Germany.

Prof. Lucht holds a Ph.D. in physics from the University of Kiel, Germany. Before joining PIK he worked for several years at Boston University's Department of Geography in Boston, USA, on the science which developed NASA's environmental flagship sensor, MODIS¹.

He is a member of the Scientific Advisory Board of Austria's Sustainability Research Programme ProVision (since 2004), the UK's Centre of Excellence CLASSIC (2004-2007), and the European Science Foundation's European Space Science Committee (2000-2004). He also was speaker of the German Government's Climate Research Programme DEKLIM (2002-2005).

He is a contributing author to the Intergovernmental Panel on Climate Change (IPCC) 4th Assessment Report 2007. He is author or co-author of 60 scientific papers that have appeared in leading international journals and has made several contributions to books.

Wolfgang Lucht's research interests include computer modelling of the global biosphere, biosphere-geosphere co-evolution through Earth history, the future of human land use, material interactions between societies and their environments, Earth system analysis, Earth system observation systems, and sustainability science. His research is driven by his interest in understanding life as a planetary phenomenon, humans as the agents of current change in the Earth system, and the future of the biosphere. His research group has co-developed and is maintaining one of the world's leading computer models of global vegetation type distribution, structure and exchange fluxes of carbon and water.

¹ Moderate Resolution Imaging Spectroradiometer (MODIS) is a sensor on the Terra and Aqua satellites used to provide a wide range of data for monitoring the global environment (oceans, land surfaces and the atmosphere).