

Professor Hans Joachim Schellnhuber CBE

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Short Biography

Born in 1950 in Ortenburg (Germany). Training in physics and mathematics with a scholarship for the exceptionally gifted at the University of Regensburg. Doctorate in Theoretical Physics in 1980. Various periods of research abroad, in particular at several institutions of the University of California system (USA). Habilitation (German qualification for professorial status) in 1985, then Heisenberg Fellowship. 1989 Full Professor at the Interdisciplinary Centre for Marine and Environmental Sciences (ICBM) at the University of Oldenburg, later Director of the ICBM.

1991 Founding Director of the Potsdam Institute for Climate Impact Research (PIK); since 1993 Director of PIK and Professor for Theoretical Physics at the University of Potsdam. 2001-2005 additional engagement as Research Director of the Tyndall Centre for Climate Change Research and Professor at the Environmental Sciences School of the University of East Anglia in Norwich (UK). Distinguished Science Advisor for the Tyndall Centre since 2005.

2002 Royal Society Wolfson Research Merit Award; 2004 CBE (Commander of the Order of the British Empire) awarded by Queen Elizabeth II. Elected Member of the Max Planck Society, the US National Academy of Sciences, the Leibniz-Sozietät, the Geological Society of London, and the International Research Society Sigma Xi. Ambassador for the International Geosphere-Biosphere Programme (IGBP). Visiting Professor in Physics, Honorary Member of the Christ Church College High Table, and Senior James Martin Fellow at Oxford University.

Active service on some dozen national and international panels for scientific strategies and policy advice on environment & development matters. *Inter alia*, Vice-Chair of the German Advisory Council on Global Change (WBGU), Chair of the Global Change Advisory Group for the 6th Framework Programme of the European Commission and Member of the corresponding panel for FP7, Member of the Scientific Board of the Dahlem Conferences, Member of the Committee on Scientific Planning and Review of the International Council for Science (ICSU), Member of the Board of the Stockholm Environment Institute (SEI). Chief Government Advisor on climate and related issues for the German G8-EU twin presidency in 2007.

Member of the Editorial Boards of the scientific journals "Proceedings of the National Academy of Sciences" Climatic Change", "Climate Policy", "Gaia", "Integrated Assessment", and "Systems Analysis, Modelling, Simulation".

About 190 articles and about 40 books in the fields of condensed matter physics, complex systems dynamics, climate change research, Earth System analysis, and sustainability science.