

Thomas F. Stocker: Curriculum Vitæ

University of Bern, Physics Institute
Climate and Environmental Physics
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Education and Academic Degrees

- 1987 Doctor of Natural Sciences, ETH Zürich (with honors, ETH Medal)
- 1984 Diploma in Natural Sciences, ETH Zürich (with honors, ETH Medal)
- 1978 - 1984 Diploma Studies in Environmental Physics, ETH Zürich

Professional Appointments

- since 1993 Professor of Climate and Environmental Physics, Physics Institute, University of Bern
Division Head of Climate and Environmental Physics (currently 66 members)
- 2016 Visiting Professor International Pacific Research Centre, University of Hawai'i, Manoa
- 1991 - 1993 Assoc. Research Scientist, Lamont-Doherty Earth Observatory, Columbia University, New York
- 1989 - 1991 Swiss National Science Foundation Research Fellow, McGill University, Montreal, Canada
- 1987 - 1988 Visiting Scientist, Department of Mathematics, University College, London, England

Institutional Responsibilities

- 2019 - World Meteorological Organization: Scientific Advisory Panel
- 2017 - President of Oeschger Centre of Climate Change Research, University of Bern
- 2016 - Chair of the GCOS Switzerland Steering Group
- 2014 - Chair of the Advisory Board Max Planck Institute for Meteorology (re-elected for third term)

United Nations Intergovernmental Panel on Climate Change (IPCC)

- 1998 – 2001 Coord. Lead Author IPCC WGI 3rd Assessment Report. Chapter 7: Physical Climate Processes
- 2002 – 2007 Coord. Lead Author IPCC WGI 4th Assessment Report. Chapter 10: Climate Projections
- 2008 - 2015 Co-Chair IPCC 5th Assessment Report, Working Group I: The Physical Science Basis

Current Research Projects

- 2021 - 2024 SNF: Climate and Environmental Physics: PleistoCEP2, 1'306'536.-
- 2019 - 2025 Beyond EPICA - Oldest Ice Core: The Swiss Contribution, CHF 5'699'940.-
- 2019 - 2023 European Commission H2020: TiPES: Tipping Points in the Earth System, CHF 496'960.-
- 2017 - 2022 Prince Albert II de Monaco: Rapid Access Drill for Ice X-Traction (RADIX), CHF 259'613.-
- 2016 - 2022 SNF: EGRIP: The Swiss Contribution, CHF 985'895.-

Honorary Degrees

- 2016 Doctor Honoris Causa, ETH Zürich
- 2006 Doctor Honoris Causa, Université de Versailles, France

Honorary Membership

- 2019 Member German Academy of Sciences, Leopoldina
- 2016 Foreign Honorary Member of the American Academy of Arts and Sciences
- 2015 Foreign Member of the Accademia Nazionale dei Lincei, Italy
- 2012 Fellow of the American Geophysical Union
- 2004 Corresponding Member Academy of Science and Literature, Mainz
- 1998 Member of Academia Europaea

Awards

- 2022 Prix de la Belgica, Académie Royale de Belgique
- 2017 Swiss Science Award Marcel Benoist
- 2017 Petersen Exzellenz Professur, Geomar Kiel
- 2009 Hans Oeschger Medal of the European Geosciences Union
- 1993 National Latsis Prize of the Swiss National Science Foundation