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**UNIVERSITÄT  
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### **Bio of Thomas Stocker, University of Bern, Switzerland**

Thomas Stocker was born in Zürich and obtained a PhD in Natural Sciences of ETH Zürich in 1987. He held research positions at University College London, McGill University (Montreal), Columbia University (New York) and University of Hawai'i (Honolulu). Since 1993 he is Professor of Climate and Environmental Physics at the University of Bern. His research encompasses the development of climate models of intermediate complexity, modelling past and future climate change, in particular abrupt climate change and its effects on the ocean, and the reconstruction of greenhouse gas concentrations based on ice cores from Greenland and Antarctica. This has resulted in the definitive CO<sub>2</sub> and CH<sub>4</sub> records of the past 800,000 years, still a world record.

Thomas Stocker has authored or co-authored more than 250 peer-reviewed papers in the area of climate dynamics and paleoclimate modeling and reconstruction. After more than 10 years of service in the UN Intergovernmental Panel on Climate Change (IPCC) he was elected Co-Chair of Working Group I of the IPCC for the period 2008 to 2015. The comprehensive assessment report *Climate Change 2013: The Physical Science Basis* was approved by the governments on September 27, 2013. This report provided the scientific foundation of the Paris Agreement.

Thomas Stocker was awarded a Dr. Honoris Causa of the University of Versailles in 2006 and of ETH Zürich in 2016. He received the Hans Oeschger Medal of the European Geosciences Union in 2009. Thomas Stocker is a Fellow of the American Geophysical Union, a Foreign Member of the Accademia Nazionale dei Lincei, a Foreign Honorary Member of the American Association of Arts and Sciences and a Member of the German Academy of Sciences Leopoldina. In 2017 he was the recipient of the Swiss Science Prize Marcel Benoist.

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