

Veronika Eyring is Head of the Earth System Model Evaluation and Analysis Department at the German Aerospace Center (DLR) Institute of Atmospheric Physics. She is Professor and Chair of Climate Modelling at the University of Bremen and maintains a strong collaboration with the National Center for Atmospheric Research (NCAR, USA) as Affiliate Scientist. Her research focuses on Earth system modeling and process-oriented model evaluation and analysis, including AI techniques, to better understand the Earth system and climate change, and to improve the models. She has recently won an ERC Synergy Grant on "Understanding and Modelling the Earth System with Machine Learning (USMILE)", together with her co-PIs Markus Reichstein, Gustau Camps-Valls and Pierre Gentine. She has authored many peer-reviewed journal articles and has contributed to the Intergovernmental Panel on Climate Change (IPCC) climate and World Meteorological Organization (WMO) ozone assessments since 2004. Veronika is involved in WCRP through her roles as Chair of the Coupled Model Intercomparison Project (CMIP) Panel and member of scientific steering committees including the Working Group on Coupled Modeling (WGCM) from 2008-2018, the WCRP Data Advisory Council's (WDAC) Observations for Model Evaluation Task Team, and the Working Group on Numerical Experimentation (WGNE)/WGCM Climate Model Diagnostics and Metrics Panel. She is also the PI of the Earth System Model Evaluation Tool (ESMValTool).