

Curriculum vitae: Prof. Dr. Volker Grewe

<http://www.pa.op.dlr.de/~VolkerGrewe/>



- 1985-1992 Student of mathematics, economy and computer science at the University of Augsburg.
- Since 1993 Scientist at the Institute for Atmospheric Physics, DLR-Oberpfaffenhofen.
- 1997 Ph.D. (magna cum laude) in meteorology on ozone layer related topics at Ludwig-Maximilians-University Munich and DLR- Oberpfaffenhofen.
- 1999-2000 EOS PostDoc-Award of the Columbia University, New York, NY, USA. Post-Doc at the Center for Climate Systems Research of the Columbia University and NASA-Goddard Institute for Space Studies, New York.
- 2008 DLR-Award; "Forschungssemester des DLR", sabbatical at NCAR, Boulder, USA.
- 2012 DLR-Award; "Forschungssemester des DLR", sabbatical at the Columbia University, New York, NASA-Ames, Mountainview, USA, and NCAR, Boulder, USA.
- Since 2014 Lectures "Air Traffic and Climate impact" at TU-Delft and TU-Berlin.
- 2014-2016 Visiting Professor at TU-Delft.
- 2014 Aviation-Award-2014 (<http://www.innovation-str.com/en/winners/>)
- 2015-2019 Vice-Chair of the ECATS Association (www.ecats-network.eu)
- Since 2018 ECATS Working Group Leader "Green Flight"
- Since 2016 Chair for Climate Effects of Aviation (Aerospace Engineering, TU-Delft)
- Since 2020 Member of ACARE WG3
- Since 2022 Member of ISG-ICAO
- Autumn 2023 Research stay at Sorbonne University, IPSL
- Research periods (1 to 2 weeks) at Columbia University, New York and at CICERO, Oslo.
- Around 150 peer-reviewed publications and 30 as first author; H-index: 41 (SCOPUS)
- Invited talks at the AGU (USA), EGU/EGS (Europe), Compsafe (Japan), and other international conferences
- Supervisor of many master theses and PhD theses
- Lectures at summer schools (e.g. ECATS School).
- Involvement in many German and European projects in the area of atmospheric science and aeronautics, like AERONOX, TRADEOFF, SCENIC, QUANTIFY, ECATS, OFP, HIKARI, REACT4C, ATM4E, STRATOFly, BeCoM, and many others
- Project management of German and European projects, e.g. ACCENT, HISAC, LagKern, LEEA-Bridging, AHEAD, FormIC, and others.
- Initiator and coordinator of the DLR projects WeCare and Eco2Fly.
- Contributing author/reviewer for climate and ozone assessment reports (WMO, ACIA and IPCC).
- Topical Editor of the journal: Geoscientific Model Development (GMD).
- Reviewer for many journals (ACP, GMD, JGR, Nature, Science, Atmos. Environment, ERL, etc.)
- Project reviewer for German, American, English and Australian funding agencies.
- Executive coach for young managers within the DLR.