

Curriculum Vitae of Timofei Sukhodolov

Personal Information

Surname: **Sukhodolov**
First name(s): **Timofei Vladimirovich**
Date of birth: 03 July 1988 (35-years-old)
Place of Birth: Kizil-Kiya, Kyrgyz SSR, USSR
Citizenship: Russian Federation
Family status: Married, no children



Address and Contact Details

Bördjistrasse 11, 7260 Davos Dorf, Switzerland
Tel.: +41774346426
E-mail: timofei.sukhodolov@pmodwrc.ch
Researchgate profile: https://www.researchgate.net/profile/Timofei_Sukhodolov
ORCID ID: <https://orcid.org/0000-0001-7100-738X>
Loop profile: <https://loop.frontiersin.org/people/775390/overview>
Google Scholar: <https://scholar.google.com/citations?user=ohuWLIQAAAAJ>

Education

2005: Graduated from School № 1, Kizil-Kiya, Kyrgyzstan

2010: Diploma degree in Meteorology, Russian State Hydro-Meteorological University (RSHU), St. Petersburg, Russia. Scientific adviser – Prof. Dr. Sergei Smyshlyaev. Title: «A model study of simultaneous changes in ozone and stratospheric temperature».

2012: Master of Science in Hydrometeorology, RSHU, St. Petersburg, Russia. Scientific adviser – Prof. Dr. Sergei Smyshlyaev. Title: «Simulation of global lightning activity aspects for researching the feedbacks with changes in climate and atmospheric gas composition».

2016: Doctor of Environmental Sciences, Institute of Atmospheric Chemistry (IAC) ETH, Zurich, Switzerland. Scientific adviser – Prof. Dr. Thomas Peter. Title: «Study of the middle atmosphere response to short-term solar variability».

Career/Employment

2010-2012 – Engineer trainee, The Voeikov Main Geophysical Observatory, Department of Cloud Physics and Atmospheric Electricity, St. Petersburg, Russia

2011-2012 – Research engineer, RSHU, Meteo Forecasts Department, St. Petersburg, Russia

2013-2016 – PhD student, PMOD/WRC, Davos Dorf, Switzerland

2017-2019 – Guest Scientist, Pushkov Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation, Russian Academy of Science (IZMIRAN), Kaliningrad, Russia

2016-2020 – Postdoc, PMOD/WRC, Davos Dorf, Switzerland

2020-2021 – Scientist, PMOD/WRC, Davos Dorf, Switzerland

2020-2021 – Guest Senior Scientist, Saint Petersburg State University, Earth physics department, Saint-Petersburg, Russia

2021-2022 – Senior Scientist, Institute of Meteorology and Climatology BOKU, Vienna, Austria

2022-Now – Senior Scientist, PMOD/WRC, Davos Dorf, Switzerland

Institutional responsibilities

2022-Now: Head of the PMOD/WRC climate group.

Approved projects:

HPC-Europa3 Transnational Access programme: HPC174GHY3 “Volcanic influence on the atmospheric transport of the cosmogenic isotope ^{10}Be ”

CSCS HPC project s1191 “Exploring future dangers for the ozone layer and its connection to climate”

Karbacher Fonds Graubünden, “Long-term solar forcing variability: a reversed approach”

H-index:

Researchgate: 17

Google Scholar: 16

Web of Science: 14

(co-)Supervised students:

Christina Brodowsky (2020, BSc, ETH Zurich)

Iga Jozefiak (2020, MSc parctice, University of Geneva)

Arseniy Karagodin (2022, PhD student, ETH Zurich)

Jessica Kult (In progress, PhD student, BOKU-Met Vienna)

Christina Brodowsky (2023, MSc, ETH Zurich)

Elia Wunderlin (2023, MSc, ETH Zurich)

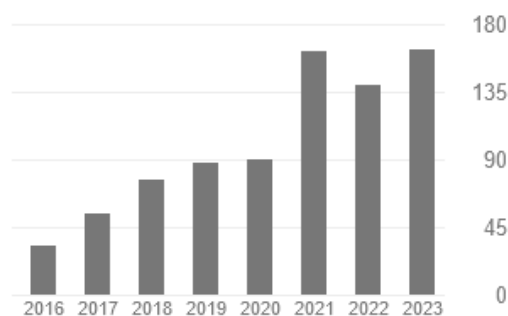
Andrin Joerimann (2023, MSc, ETH Zurich)

Jingyu Wang (2023, MSc, ETH Zurich)

Fabrice Stefanetti (2023, Semester project, ETH Zurich)

Cited by

	All	Since 2018
Citations	818	721
h-index	16	15
i10-index	25	22



Source: Google Scholar September 2023

Teaching activities:

Lecturer for “Weather, climate, and society” (2021, BOKU-Met Vienna)

Lecturer for “Atmospheric pollution and climate change” (2022, BOKU-Met Vienna)

Memberships and individual scientific reviewing activities:

Paper reviewer for Journal of Geophysical Research: Atmospheres, Atmospheric Chemistry and Physics, Journal of Solar Terrestrial Physics, Geophysical Reserch Letters, Nature Climate and Atmospheric Science

Guest editor of the research topic “The evolution of the stratospheric ozone: Volume II” in Frontiers in Earth Science journal

Member of the SPARC project “High Energy Particle Precipitation in the Atmosphere”, HEPPA-4

Co-lead of the SPARC activity “Interactive stratospheric aerosol model intercomparison”, ISA-MIP

Co-PI of the SOCOLv4 model in the SPARC activity “Chemistry-climate model initiative phase 2”, CCM1-2

Member of the International Association of Meteorology and Atmospheric Science, IAMAS.

Member of the SPARC activity “Hunga Tonga-Hunga Ha’apai stratospheric impacts”, HT-MIP

Active memberships in scientific societies, fellowships in renowned academies:

Since 2014: EGU (ID 234378)

Medals, awards:

Silver Medal of ETH Zurich (Outstanding Doctoral theses 2017)

Outstanding young scientist oral presentation (VI International Conference "Atmosphere, Ionosphere, Safety" (AIS-2018))