

CONTACT &
PERSONAL DETAILS

Dr. Kai Kornhuber

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CURRENT POSITIONS

Int. Institute of Applied Systems Analysis, (IIASA), Austria since 05/2024
Senior Research Scholar (R3) & Theme Lead *Weather Extremes & Climate Dynamics*

Columbia University, New York, USA

Adjunct Associate Research Scientist, Lamont-Doherty Earth Observatory since 2022

Adjunct Assistant Professor of Climate at the Columbia Climate School since 2022

Climate & Society MA Program: *An Introduction to Complex Climate Risks*

University of Vienna, Vienna, Austria

since 03/2026

Lecturer, Institute for Meteorology and Geophysics

Knowledge Action Network on Emergent Risks and Extremes since 06/2024

Co - Chair and Working Group Lead (joint initiative of *Future Earth, WCRP, WWRP, IRDR*)

German Council on Foreign Relations (DGAP), Berlin, Germany

since 01/2023

Associate Fellow, Centre for Climate and Foreign Policy

FORMER POSITIONS

Climate Analytics, Berlin, Germany

04/2023 - 05/2024

Group Leader & Senior Climate Scientist *Climate Extremes and Climate Modelling*

German Council on Foreign Relations (DGAP), Berlin, Germany

03/2022 - 12/2023

Senior Research Fellow, Centre for Climate and Foreign Policy

Knowledge Action Network on Emergent Risks and Extremes 2020 - 2024

Working Group Lead: Compound Events Working Group

Columbia University, Earth Institute New York, USA

06/2019 - 03/2022

Earth Institute Postdoctoral Researcher: *Global food security risks due to simultaneous weather extremes in teleconnected regions* (Mentors: R. Horton, M. Ting, P. Gentile)

University of Oxford, Oxford, UK

07/2018 - 06/2019

Postdoctoral Researcher, Department of Atmospheric, Oceanic and Planetary Physics

Climate Analytics, Berlin, Germany

02/2018 - 06/2018

Research Associate, Science Team

Potsdam Institute for Climate Impact Research (PIK)

01/2013 - 06/2018

EDUCATION

University of Potsdam

05/2014 - 06/2018

PhD in Climate Physics

Thesis: *Rossby Wave Dynamics and Changes in Summertime Weather Extremes*

- Supervision: D. Coumou and S. Rahmstorf
- Date of Defense: 25.05.2018
- Final Grade: *Summa Cum Laude* (with distinction)

AWARDS &
DISTINCTIONS

EGU Outstanding Early Career Scientist Award	2025
For scientific achievements in the field of <i>Climate: Past, Present, Future</i>	
Best Presentation Award , Workshop on Correlated Extreme Events	05/2019
Best oral presentation, Columbia U, New York	
Carl-Ramsauer-Award	2018
PhD-Thesis-Award granted by the Physical Society of Berlin (PGzB)	
Falling Walls Lab scholarship	11/2014
Falling Walls Foundation & A.T. Kearney	
Science Hack Days Berlin	2013, 2014
Winner in categories <i>Best Data Hack</i> , <i>Best Science Hack</i> respectively	

TEACHING &
LECTURES

University of Vienna , Dep. of Meteorology & Geophysics, Lecturer	Summer Term 2026
Columbia University , Climate School, Climate & Society MA Program	2022-2024
Adjunct Assistant Professor of Climate: <i>An introduction to Complex Climate Risks</i>	
Summer-School on Compound Extremes , Lake Como, Italy	Fall 2022/2024
Co-organizer and Lecturer (with J. Zscheischler, B. v. d. Hurk, C. Raymond and others)	
Hamburg University , School of integrated Climate and Earth System Science	2021/2023
<i>Rosby Waves & Weather Extremes</i> in: <i>Weather and Climate Extremes in Changing Climate</i>	
Humboldt University Berlin	09/2016
Lecturer in SLE training course, talk: <i>Climate Change: the physical Science Basis</i>	
WWF 2°Campus (summer school for distinguished high school students)	04/2017
Lecturer: <i>Gegen die Wissenschaft – Das Phänomen der Klimaleugner</i>	
University of Potsdam	04/2016 - 09/2016
Lecture assistant and tutor: <i>Theory of the Global Ocean Circulation</i>	
WWF-Mint-EC-Schülerforum	09/2015
Lecturer, <i>Der Klimawandel-Ursachen-Wirkung-Perspektiven</i>	
Potsdam Institute for Climate Impact Research	03/2013 - 08/2013
Instructor for Math and Statistics, PIK administration Trainees	
Freie Universität Berlin	04/2008 - 01/2011
Teaching Instructor at physical lab course for medical, meteorology and physics students	