

Prof. Dr. Andreas H. Fink

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HIGHLIGHTS

- > 30 years of research experience at two institutions in Germany
- Broad research portfolio in dynamical meteorology and climatology with a focus on the tropics, in particular Africa
- 143 peer-reviewed journal publications (~3950 citations, h-index 40*)
- Experience as leader of large collaborative projects (BMBF, DFG SFB, EU), involved in about 30 projects in the last 20 years
- Prestigious fellowships and awards (e.g. AMS Fellow, 2 RMS awards)
- About 70 invited presentations at conferences and institutional seminars
- Supervision of ~40 PhD students and 14 Postdocs
- 25 years of successful teaching and student supervision

AWARDS

Jan. 2022	Fellow of the American Meteorological Society
2016/17/19	KIT Faculty of Physics teaching prizes for best special course
Nov. 2016	KIT teaching price for synoptic course
May 2015	Vaisala Award for Observing & Instrumentation , Royal Met. Soc., U.K.
June 2008	Gordon Manley Weather Prize , Royal Met. Soc., U.K.

AREAS OF INTEREST

- Dynamics, teleconnections and predictability of weather phenomena, with a focus on the Tropics (e. g. tropical waves & cyclones, ENSO)
- Climate variability and change, with regional foci in Africa, Europe, and Southeast Asia
- Extreme weather and climate events (heat waves, precipitation, mid-latitude cyclones)
- Regional climate modeling, model bias correction

* ISI Web of Science as of 22 May 2023

ACADEMIC QUALIFICATIONS/EDUCATION

- 1991 Diploma in Meteorology, University of Cologne, Germany
- 1995 PhD in Meteorology, University of Cologne, Germany
- 2004 Habilitation in Meteorology, University of Cologne, Germany

WORK EXPERIENCE

- since 10/2013 Professor, KIT, Karlsruhe, Germany
- 10/2011- 09/2013 Professor, Univ. of Cologne, Germany
- 09/2004-09/2011 "Hochschuldozent", C2, Univ. of Cologne, Germany
- 10/2005-09/2006 Replacement professorship, Univ. of Cologne, Germany
- 11/1995-08/2004 Postdoc at Univ. of Cologne, Germany

FIVE MOST IMPORTANT PUBLICATIONS

- [01] Nicholson, S. E., C. Funk, and **A. H. Fink, 2018**: Rainfall over the African continent from the 19th through the 21st century (**Invited Paper**). **Global and Planetary Change**, 165, 114-127, DOI: 10.1016/j.gloplacha.2017.12.014. (**highly cited in ISI Web of Science**)
- [02] Sanogo, S., **A. H. Fink**, J. B. Omotosho, A. Ba, R. Redl, and V. Ermert, 2015: Spatio-temporal characteristics of the recent rainfall recovery in West Africa. **Int. J. Climatol.**, 35, 4589–4605, DOI: 10.1002/joc.4309.
- [03] **Fink, A. H.**, T. Brücher, V. Ermert, A. Krüger und J. Pinto, **2009**: The European Storm Kyrill in January 2007: Synoptic Evolution and Considerations with Respect to Climate Change. **Nat. Hazards Earth Syst. Sci.**, 9, 405–423.
- [04] **Fink, A. H.**, D. G. Vincent, and V. Ermert, **2006**: Rainfall Types in the West African Soudanian Zone during the Summer Monsoon 2002. **Mon. Wea. Rev.**, 134 (8), 2143-2164.
- [05] **Fink, A. H.** and A. Reiner, **2003**: Spatio-temporal Variability of the Relation between African Easterly Waves and West African Squall Lines in 1998 and 1999. **J. of Geophys Res.**, 108(D11), ACL 5-1-5-17, 4332, doi:10.1029/2002JD002816.