

## Curriculum Vitae

### Personal information

Name **Prof. Dr. Hans von Storch**  
 Director of the Reseach Institute 'Institute for Costal Research'

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 GKSS Research Center  
 Max Planck Strasse 1  
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 Germany

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Nationality German  
 Date of birth 13 August 1949  
 Gender Male

### Academic Career

Dates 1996 – present  
 Occupation or position held Director of the Institute for Coastal Research  
 Name and address of employer Institute for Coastal Research (formerly: Institute of Hydrophysics),  
 Hamburg

Dates 1996 – present  
 Occupation or position held Professor of Meteorology at University of Hamburg  
 Main activities and responsibilities Teaching and research  
 Supervision of 15 PhD students and 20 diploma students

Dates 1986 - 1995  
 Occupation or position held Group leader "Statistical Analysis and Modelling" at Max Planck  
 Institute for Meteorology

Dates 1980 - 1985  
 Occupation or position held Research associate at Meteorological Institute at the University of  
 Hamburg

### Education and training

Dates 1979  
 Title of qualification awarded Dr. rer. nat. (PhD) Meteorology at University of Hamburg

Dates 1976  
 Title of qualification awarded Diplom (M.S.) Mathematics at University of Hamburg

Dates 1973  
 Title of qualification awarded Vordiplom (B.S.) Physics at University of Hamburg

## Membership in Professional Societies

Member of the Committee for Oceanography (Senatskommission für Ozeanographie) of the German Nation Science Foundation (DFG) Expert Commission for Environmental Change, German Federal Ministry for Research (Sachverständigenausschuß für Globale Umweltaspekte)  
Scientific Steering Committee (Wissenschaftlicher Lenkungsausschuss) of the German Climate Computing Center (DKRZ), Hamburg  
Associate Editor, Journal of Climate  
1999 – 2005  
Advisory Board, Danish Climate enter  
1995 – 2005  
Advisory Board, Institute for Atmospheric Physics, Kühlungsborn, Germany  
2001  
Lead Author in the Third Assessment Report of the IPCC

## Most important publications

### *Books*

von Storch, Hans 2004: Computer Modelling in Atmospheric and Oceanic Sciences - Building Knowledge. Berlin u.a.: Springer Verlag (together with P. Müller).  
von Storch (eds.) 2000: Eduard Brückner - The Sources and Consequences of Climate Change and Climate Variability in Historical Times. Kluwer Academic Publisher (together with N. Stehr).  
von Storch, Hans 1999: Statistical Analysis in Climate Research. Cambridge University Press (together with F.W. Zwiers).

### *Journal Articles*

von Storch, Hans 2005: Spatial two-dimensional discrete filters for limited area model evaluation purposes. Mon. Wea Rev, Vol. 133, 1774-1786 (together with F. Feser).  
von Storch, Hans 2004: Reconstructing past climate from noisy data. Science Vol. 306, 679-682 (together with E. Zorita, J. Jones, Y. Dimitriev, F. González-Rouco and S. Tett).  
von Storch, H., and N. Stehr 2000: Climate change in perspective. Our concerns about global warming have an age-old resonance. Nature, Vol. 405, 615.  
von Storch, Hans 2000: A spectral nudging technique for dynamical downscaling purposes. Mon. Wea. Rev., Vol. 128, 3664-3673 (together with H. Langenberg and F. Feser).  
WASA 1998: Changing waves and storms in the Northeast Atlantic? Bull: Amer. Met. Soc., Vol. 79, 741-760.  
von Storch, Hans 1993: Downscaling of global climate change estimates to regional scales: An application to Iberian rainfall in wintertime. Climate Vol. 6, 1161-1171 (together and E. Zorita and U. Cubasch).  
von Storch, Hans 1988: Principal Oscillation Pattern analysis of the 30-60 day oscillation in a GCM equatorial troposphere. Geoph.Res., Vol. 93, 11022-11036 (together with T. Bruns, I. Fischer-Bruns and K. Hasselmann).