

**Prof. Dr. Susanne Crewell** holds the professorship for Meteorology at the Institute for Geophysics and Meteorology and is of the Albertus Magnus Graduate Center of the University of Cologne. Her research is directed on a better understanding of the atmospheric water cycle by exploiting novel observation techniques from space, aircraft and ground and to bridge observations and modeling on different scales.

She obtained her doctorate in 1994 in Environmental Physics at the University of Bremen, Germany. Afterwards she worked as a post-doc at the State University of New York, Stony Brook, and University of Bonn. In 2004, she has been appointed Professor of Experimental Meteorology at the University of Munich.



Since 2006, Prof. Dr. Susanne Crewell established the Jülich ObservatorY for Cloud Evolution (JOYCE) as a member of the University of Cologne. JOYCE is dedicated to the observation of cloud formation and cloud transformation. Further, she is a spokeswoman of Cologne's scientists in the DFG-funded collaborative research center TR32 "Patterns in Soil-Vegetation-Atmosphere-Systems" of the Universities of Bonn, Aachen, Cologne and the Research Center Jülich. She also coordinates the Marie-Curie project "Initial Training for atmospheric Remote Sensing" (ITaRS), a consortium of 19 partners funded by the 7th European Research Framework Program. Moreover, Crewell initiated a range of national and international projects optimizing efficiency and exploring the use of remote sensing for weather forecast and climate modeling.

Susanne Crewell is elected member in a range of committees including the Academy of Sciences, Humanities and the Arts North Rhine Westphalia, the Joint ESA-Eumetsat Microwave Imager & Ice Cloud Imager Science Advisory Group, the Senate Commission of the Helmholtz Association and the Review Board for Atmospheric Science and Oceanography of the National Science Foundation DFG.