

Project: Clouds Convection

The research focuses on improving the fundamental understanding of cloud and convective processes and their influence on the radiative budget and hydrological cycle. It combines observations, high-resolution modelling and conceptual studies and target physical processes across all relevant scales. The main topics of the project are (1) to improve our understanding of the importance of mesoscale processes for the climate system, and (2) to improve the representation of cloud and convective processes in high-resolution models.