

AtMoDat

So far, established standards for the quality, organisation and management of data in meteorology and climate research have primarily been applied in large, internationally coordinated model comparison studies. In the project "Atmospheric Model Data: Data Quality, Curation Criteria and DOI Branding", AtMoDat for short, these standards are systematically adapted to the needs of smaller specialist communities and climate model comparison studies, since a full adoption often does not seem reasonable and is too costly. The applications include urban climate research with its very high-resolution data, e.g. for precipitation and wind speed, and small climate model comparison studies in which the standardization of new diagnostics is tested. In the course of the project, these standards will be gradually adapted, applied to other existing atmospheric model data and evaluated for their universal usability.

In addition, a branding of DataCite DOIs will be developed to facilitate the selection of research data for subsequent users. The allocation of these special DOIs is linked to a demanding quality check and carefully applied curation processes.