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spatial.IO - An integrated cloud-ready geospatial data management system

Environmental research produces an increasing amount of spatial data (e.g. climate, hydrological, socio-economic) by using a variety of methods (e.g. modelling, remote sensing, data-driven). This leads to the demand for effective management of such data. This application aims to provide automated workflows and user-friendly applications/interfaces in a cloud-based environment to easily manage, share and visualize standardized spatial data. The standard specifications follow the Binding Regulations for Storing Data as netCDF Files. Other vector and raster data formats can be included in the workflows with manual work-steps and will be automated in the next versions. The application will be expanded continuously into a self-service platform to create custom WebGIS, automated workflows and various (meta-)data provision interfaces for a wide range of spatial data formats.

Zustimmung zur Veröffentlichung

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