Supporting researchers in hydrology, meteorology and beyond with targeted data management initiatives

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Water fluxes between the land surface and the atmosphere are intricately linked. Understanding, measuring and modelling the underlying processes requires crossing spatiotemporal scales and relies on the availability, findability, accessibility, interoperability and reusability (FAIRness) of relevant Earth System Science data. We actively support data management through different initiatives.

The virtual research environment (VRE) V-FOR-WaTer provides researchers with a predominantly hydrological focus with access, pre-processing and harmonization of diverse data sources for further analyses and hydrological modelling applications. Additionally, we participate in the NFDI4Earth, developing an access portal for Earth System Science (ESS) data, information, tools and services. Lastly, we aim to facilitate publication of diverse ESS data within KIT. We create ESS-discipline-specific templates to ensure appropriate metadata descriptions of these datasets, facilitating publication on the KIT data repository. All these initiatives are interconnected, and we will provide more detailed information on our poster.

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