



## **DEIMS-SDR as a portal for heterogeneous environmental (meta-)data**

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DEIMS-SDR (Dynamic Ecological Information Management System - Site and Dataset Registry) aims to be the globally most comprehensive catalogue of environmental research facilities, currently featuring foremost but not exclusively information about all LTER sites on the globe and providing that information to science, politics and the public in general. The information on DEIMS-SDR comprises detailed description of sites where research is carried out, including the technical infrastructure, ecosystem properties and research activities and foci. Additionally, the generated datasets and information about the personnel involved can be included in the documentation. The available information is exposed through various metadata formats (e.g. INSPIRE EF, ISO 19139, or EML).

The work for ENVRIplus focused on the generalisation of the site metadata model in order to be more accessible for non-LTER sites and thus increasing accessibility and usability. Furthermore, the means of technical interoperability and discoverability of site information were increased by developing a mapping from Inspire EF to ISO 19139, implementing it and providing the newly generated information through standardised harvesting services (CSW, OAI-PMH).