Beitrag ID: **13**   Typ: **Presentation**

OSIS: From Past to Present and Future

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The Ocean Science Information System (OSIS) was first established in 2008 at GEOMAR as a metadata-centric platform for ongoing marine research collaborations. It has become a vital platform for collecting, storing, managing and distributing ocean science (meta)data. We will discuss how OSIS has enabled multidisciplinary ocean research and facilitated collaborations among scientists from different fields.

Furthermore, we will present the major refactoring that is currently underway to move OSIS to a new microservice architecture. This architecture will not only update the OSIS website but will also expose all of the information stored in the OSIS database as a RESTful API webservice. This move will make it easier for researchers and other stakeholders to access and use the data, promoting transparency, and open data practices.

Additionally, we will discuss how OSIS will continue to evolve to meet the changing needs of ocean research and the DataHub community in the future.

Join us for this exciting event to learn more about the history and future of OSIS and how the move to microservices and APIs will enhance the platform's capabilities and impact, and how it will continue to add scientific visibility and reusability to your research's data output.

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Sitzung Einordnung: Talks