



The ETDMP support to IODE and JCOMM data management

Alessandra GIORGETTI, Clousa MAUEUA CHEVANE, Denis MELNIKOV, Anna MILAN, Paul OLOO, Tobias SPEARS, Toru SUZUKI, Elena TEL, Yue XINYANG.



The JCOMM/IODDE Expert Team on Data Management Practices (ETDMP) focuses on spreading and supporting the adoption of principles and practices developed for oceanographic and marine meteorological data management, also including data management best practices and standards for such subjects as metadata, vocabularies and ontologies, data and products, recognizing the complementarity of real-time and delayed mode data systems.

ETDMP Terms of References (with pending request for updates in red):

The ETDMP, in close collaboration with JCOMM Programme Areas, Commission for Basic Systems subsidiary bodies, IODE Management Group and related experts, shall:

- (a) Manage the process of adopting and documenting standards and best practices to be used in IODE-JCOMM data management **by complementing the Ocean Data Standards and Best Practices (ODSBP) Process with the Ocean Best Practices System (OBP-S)**;
- (b) Assist in the further integration of the IODE Ocean Data Portal with other IODE projects (OBIS, GODAR/WDC, GTSP, GOSUD, **OBP-S**), with IODE GDACs, NODCs, ADUs and with other ocean data systems (e.g. SeaDataNet, IMOS, EOUS, EMODnet), their interoperability **with the IOC Ocean Data and Information System (ODIS), with JCOMM OCG associated data activities** and the WMO Information System (WIS), and their capacity development activities to ensure full participation of Members/Member States;
- (c) **In close cooperation with the Expert Team on Marine Climatology (ETMC), assist with the development, review and update of the Marine Climate Data System (MCDS) strategy, implementation plan and performance indicators, in the next two years, for achieving the Vision for a new MCDS.**

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To undertake its activities, ETDMP relies on three Task Teams:

Task Team for Ocean Data Standards

- The ETDMP **suggested** all pending OBSBP documents to be submitted to the OBP-S.
- The ETDMP **recommended** the review of the current standards (ODSBP) process as it is shown to be very lengthy and not very efficient and consider whether the OBP-S should support the standards review process.
- The ETDMP **recommended** that the OBP-S should become an IODE Project and invited JCOMM to join or participate in the project.
- The ETDMP **recommended** that the OBP-S proposal should take into account interaction and collaboration with the ODSBP standards process.
- The ETDMP **offered** to be an expert panel for review of data management practices deposited into OBP-S.
- The ETDMP **recommended** to the IPET-MOIS to document on OBP-S any procedure related to data discovery and metadata prescription.

Mr. Paul Oloo – chair
Ms Clousa Maueua Chevane
Mr Toru Suzuki
Ms. Elena Tel

Task Team for the Ocean Data and Information Sources

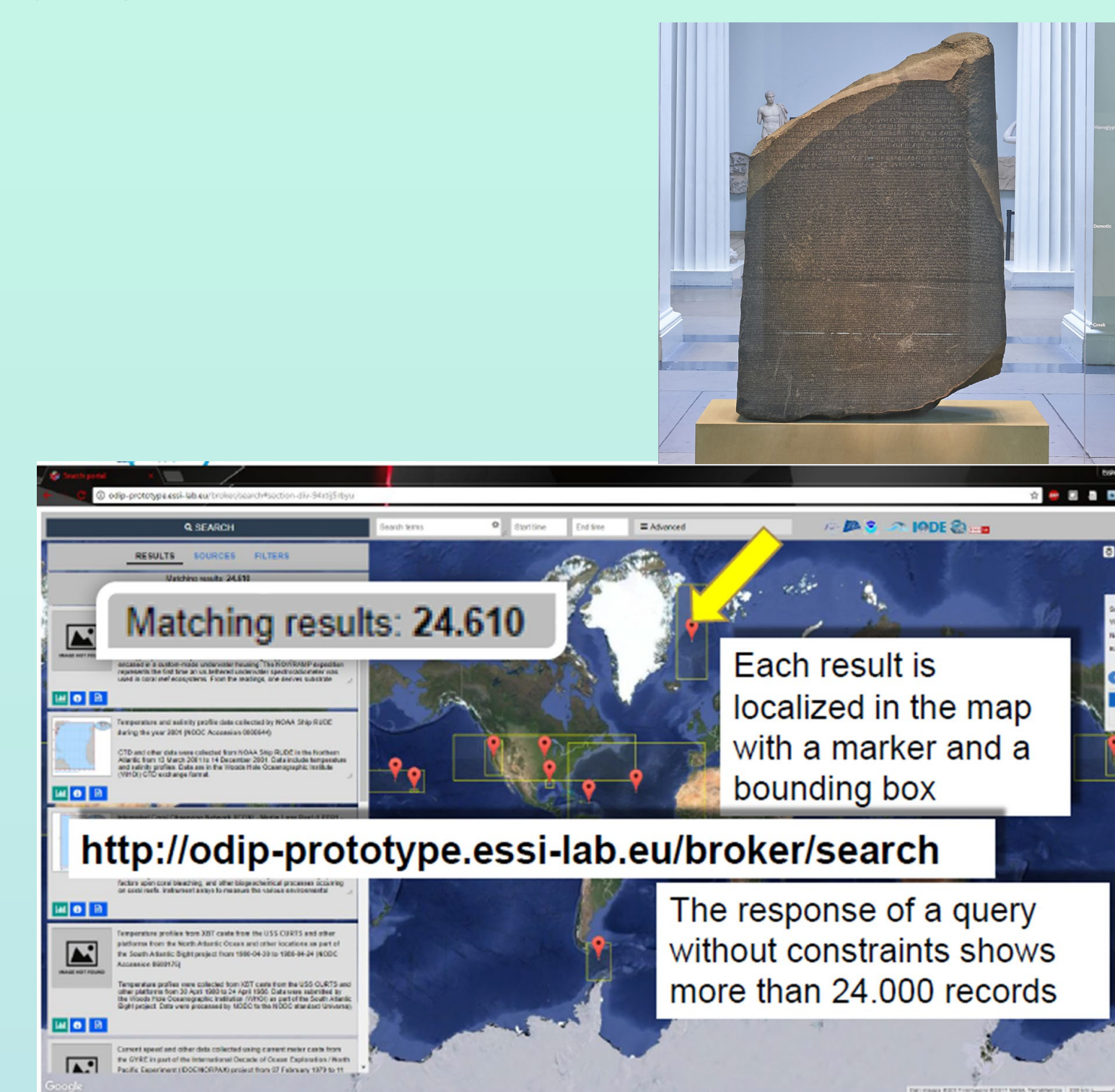
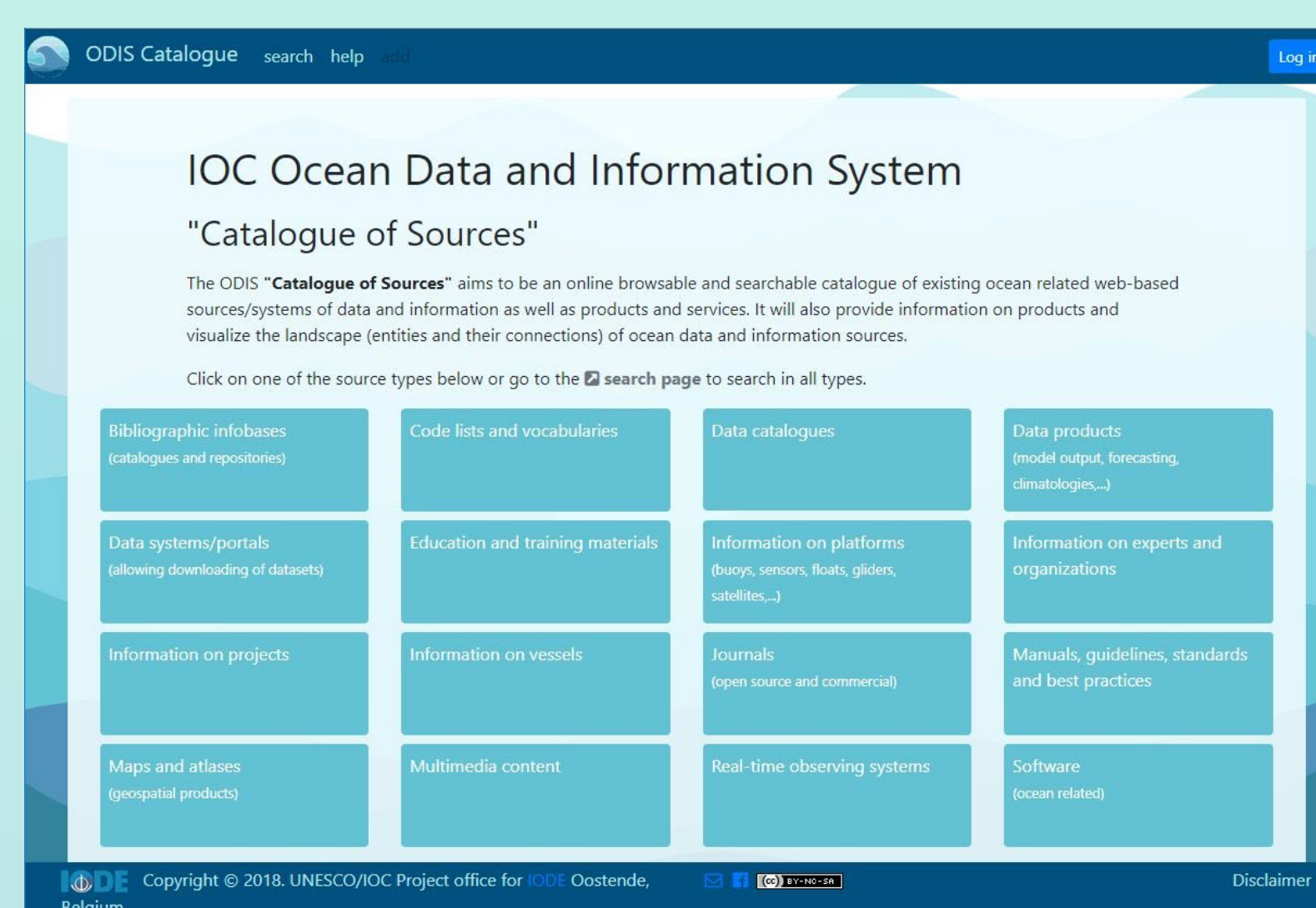
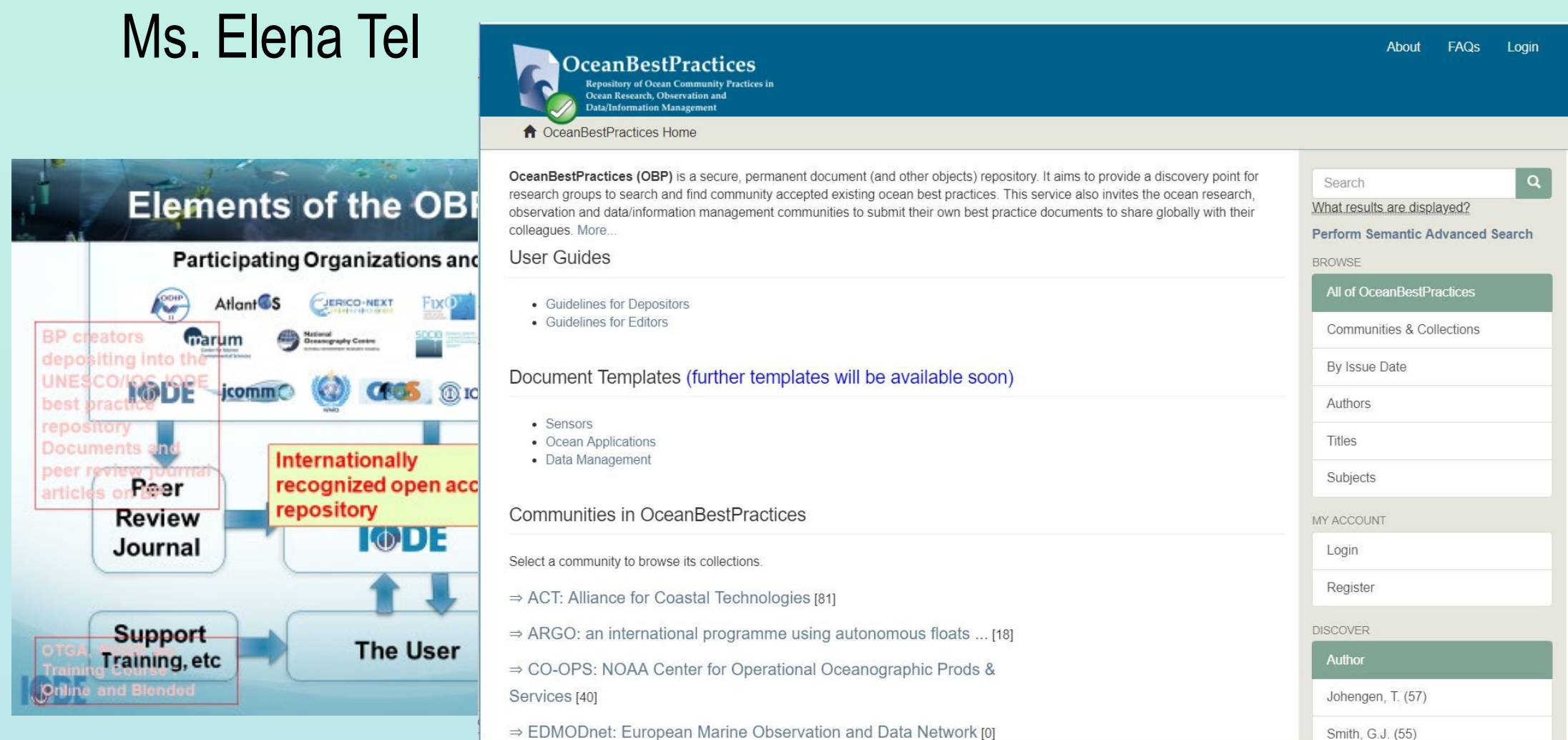
- The ETDMP **offered** its assistance to the development of ODIS by identifying suitable metadata elements and schema.
- The ETDMP **recommended** to consider developing and using ODIS as a broker or metadata “mediator” to buffer data for WIS and to provide WIS required metadata.
- The ETDMP **suggested** to consider the installation of a network of ERDDAP servers, enabling easy integration of multiple data sources.
- The ETDMP **recommended** that the ODINWESTPAC data access system as well as other Chinese data systems should apply the IOC data policy and should be made available to the ODIS catalogue of data sources.
- The ETDMP **recommended** that the ODINAFRICA ODP node links to the ODINAFRICA.org web site, which will also contribute to ODIS.
- The ETDMP **decided** to review the ODP and to provide feedback to assist the regional nodes and the Partnership Centre in developing its work plan.

Mr Tobias Spears – chair
Mr. Denis Melnikov
Ms. Alessandra Giorgetti
Ms Yue Xinyang

Task Team for Metadata

- The ETDMP **instructed** the TT on metadata to revise its work plan and re-prioritize activities.
- The ETDMP **recommended** to include ISO metadata training materials in the OceanTeacher platform.
- The ETDMP **requested** the TT-metadata to submit US NCEI netCDF templates through OBP-S. (including submission of an article to the e-journal).
- The ETDMP **suggested** to further investigate the use of the Rosetta Stone service as a translation service among controlled vocabularies. Rosetta Stone was successfully experimented to semantically enhance the ODIP broker discovery capabilities.

Ms. Anna Milan - chair
Ms. Elena Tel
Mr Tobias Spears
Ms Yue Xinyang



The ETDMP established a joint ETDMP/ETMC working group to revise the ToRs of structural elements of the MCDS for both IODE and WMO, in cooperation with the ETMC. The Task Team is preparing a working document which should also include mapping of data streams of projects (GTSP, GOSUD, IQuOD,...). Present membership for the working group includes David Berry, Eric Freeman, Alessandra Giorgetti, Tobias Spears.

In close cooperation with the Expert Team on Marine Climatology (ETMC), ETDMP assists with the development, review and update the Marine Climate Data System (MCDS) strategy and implementation plan, documenting the data flow in perspective of an efficient and shared MCDS. ETDMP liaises, collaborates and provides advice to the IODE, to the Data Management Coordination Group (DMCG), to the JCOMM Data Management Program Area and Observation Program Area.



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Corresponding author's contact information

Alessandra Giorgetti
Tel: +39 320 - 4644653, Email: agiorgetti@inogs.it