International conference on Marine Data and Information Systems
IMDIS conferences

6th conference of a series which started 13 years ago

- 2005 in Brest, France (IFREMER)
- 2008 in Athens, Greece (HCMR)
- 2010 in Paris, France (IFREMER)
- 2013 in Lucca, Italy (ENEA)
- 2016 in Gdansk, Poland (IO PAN)
- 2018 in Barcelona, Spain (UTM-CSIC)
Number of participants / country
Abstract selection

- 164 abstracts received
  - 113 for oral presentations
  - 51 for posters
- 161 abstract selected – 3 rejected (out of scope)
  - 55 oral presentations → 2 withdrawn → 53 in the final programme
  - 106 posters → 10 withdrawn → 96 in the final programme
Team work

- **UTM-CSIC** for the local organisation
- **IFREMER** for the IMDIS Website and Easychair management of the conference (review, mail to authors...)
- **OGS** for the edition of the proceedings
- **IOC/IODE** for the recording during the conference
- **Enlarged scientific committee** for the paper review
IMDIS and SeaDataCloud (1)

- IMDIS 2018 is organised in the frame of the EU-H2020 SeaDataCloud project
  - 95.5 K€ of SeaDataCloud budget allocated to IMDIS 2018
    - Budget for local organiser (25 K€)
    - Budget for recording and making available the videos (12.5 K€)
    - Travel budget for all SDC partners (58 K€)

- Same budget planned for IMDIS 2020 edition ➔ call for local organiser who has to be part of the SeaDataCloud consortium
IMDIS and SeaDataCloud (2)

For this reason you will hear a lot about SeaDataNet and SeaDataCloud during this conference

- 7 Oral presentations and
- 9 Posters

⇒ Directly linked to SeaDataNet
What is SeaDataNet?

A pan-European infrastructure set up and operated for managing marine and ocean data in cooperation with the NODCs and data focal points of 34 countries bordering the European seas.

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
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<tbody>
<tr>
<td>90s</td>
<td>Data and metadata Medar/MedAtlas</td>
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<tr>
<td>2002-2005</td>
<td>Metadata directories Sea-Search (FP5)</td>
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<td>2006-2011</td>
<td>SeaDataNet (FP6)</td>
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<td>2011-2015</td>
<td>SeaDataNet II (FP7)</td>
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<tr>
<td>2016-2020</td>
<td>SeaDataCloud (H2020)</td>
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SeaDataNet standards

Set of common standards for the marine domain, adapting ISO and OGC standards and achieving INSPIRE compliance

- **Adoption of ISO 19115 – 19139 standard for describing metadata** on data, data sets, research cruises, monitoring networks, and research projects => marine metadata profiles, schemas, schematron rules
- **Controlled vocabularies** for the marine domain (>84,000 terms in 111 lists), with international governance and web services
- **Standard data exchange formats**: ODV ASCII and NetCDF (CF) fully supported by controlled vocabularies

Maintenance and dissemination of standard QA-QC procedures, together with IOC/IODE and ICES
CDI discovery and access service

SeaDataNet portal

Presently 115 data centres are connected, some are still underway

Search and shop

Data download

European data sources

Data centres ← ≈ 650 originators

Metadata + transaction data

IMDIS 2018, 5-7 November, Barcelona
Giving access to

- Standards, tools both for data centres and other users
- Data and metadata
- Products

SeaDataNet portal: www.seadatanet.org
We wish you a very fruitful IMDIS 2018 conference and a pleasant stay in Barcelona.