

OceanTeacher Global Academy (OTGA)

Training Course: Research Data Management

4 - 8 December 2017, Oostende, Belgium



Overview

Research Data Management (RDM) covers the planning, creating, storing, organizing, accessing, sharing, describing, publishing and curating of data. RDM is mandated by many funding agencies and increasingly by governments to provide access to funded research results.

The management of data, particularly large-scale data, has many challenges, and the roles of researchers, facilities that manage marine data, repositories and libraries are coming together to provide access, preservation and archive of this data and the scholarly products associated with it.

Learning Outcomes

- Understand the importance of maintaining integrity (accuracy and completeness) of data.
- Develop skills in writing and implementing a (Research) Data Management Plan, including those associated with Funding agency requirements and mandates.
- Gain knowledge of the terminology of Open Access and Open Data as it applies to Research Data Management.
- Advance knowledge in the current landscape of Research Data Management, and internationally organized efforts to develop standards and tools in this field.
- Recognize the importance of good research data management practice.
- Knowledge of the data publishing and citation process.
- Access to European marine data repositories.
- Awareness of main European based marine research projects (e.g. EMODNET, SeaDataCloud, etc)

Course Topics

- Overview of Research Data
- Open Data
- Research Data and publication lifecycles
- Data organisation and standards
- Data Management Plan
- Organising Research Data
- Making Data available
- Access to Research Data
- Overview of European Marine Projects
- End user point of view of the use of metadata for data integration
- First steps in data analysis

Target Audience

- marine researchers and postgraduate students (MSc and PhD students);
- repository managers (data and/or documents);
- marine data librarians;
- marine researchers.

NOTE: priority will be given to participants originating from Europe and / or involved in European marine research projects. UNESCO is committed to promote gender equality. Therefore, applications from women are strongly encouraged.

Course Pre-requisites

- Interest or new responsibilities in working with marine data and/or information
- Need to bring own laptop
- Working knowledge of English.

Course dates:

4 – 8 December 2017

Duration:

5 working days
(~ 30 hours classroom sessions plus
eventual pre course assignments)

Course Venue:

UNESCO/IOC Project Office for IODE,
Oostende, BELGIUM

Lecturers:

Greg Reed (IODE/OTGA)
Daphnis De Pooter (VLIZ)
Gert Everaert (VLIZ)
Others to be confirmed

Period for Applications:

11 August – 30 September 2017

Application process:

Please fill the **online application form**:
<https://otga.wufoo.eu/forms/otga-application-form-research-data-management-q1rxixr13odpib/>

All information available at:

http://www.ioc-unesco.org/index.php?option=com_oe&ask=viewEventRecord&eventID=2077
and how to apply:
<http://classroom.oceanteacher.org/mod/page/view.php?id=5771>

No tuition fee applies.

In case of questions contact:

OTGA Coordinator: **Claudia Delgado**
(c.delgado@unesco.org)

Useful sites:

- www.ioc-cd.org
- www.iode.org
- www.oceanteacher.org
- www.oceanexpert.net

