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*PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT*

WP3: Capacity building and training

Presentation based on the work of Claudia Delgado, IOC project office for IODE



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Capacity building

- OGS (Italy) → Montenegro
- Ifremer (France) → Tunisia
- IEO (Spain) → Morocco

Training sessions

- Organized at and with IOC Project Office for IODE (Ostend, Belgium)
- 2 – 6 July 2012
- 20 – 22 May 2014



Objectives

- To learn about the infrastructure and the general data and metadata management rules to be applied to become a SeaDataNet node
- To learn how to become a node connected to the SeaDataNet infrastructure
- To learn how to use the SeaDataNet tools
- To become acquainted with the new developments



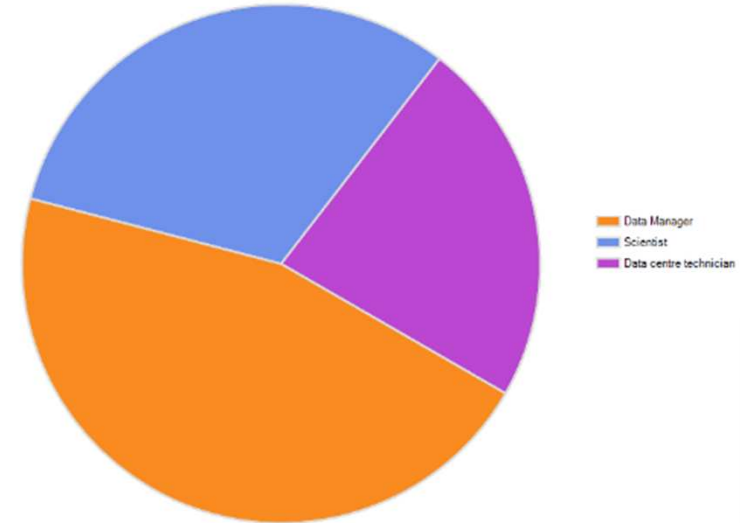
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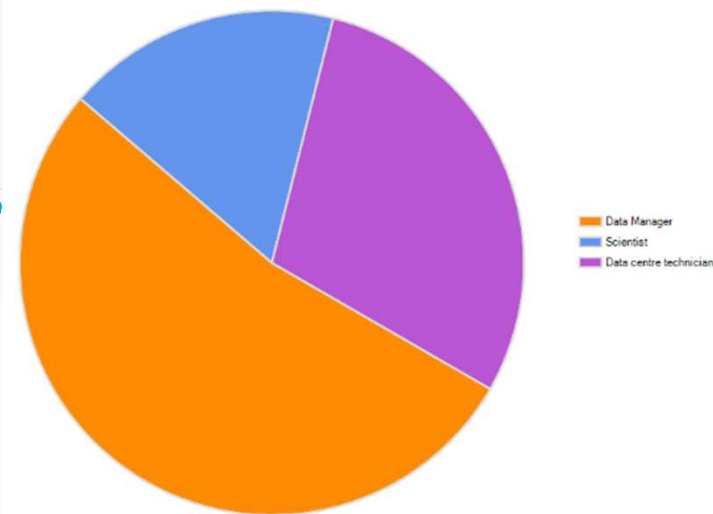
Target audience

- Data centre technicians
 - Data managers
 - Scientists
-
- 1st session: 42 trainees
 - 2nd session: 31 trainees

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I am a:





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Programme of the first session

1. Data management practices, vocabs, metadata catalogues
2. Cruise summary reports
3. Nemo, Mikado
4. Ocean Data View
5. DIVA
6. CDI, Download manager, Request manager
7. Service monitoring
8. Introduction to biological data management

Lessons learned after the 1st session

- « Useful training »
- « Be more practical »
- « Allow for more exercises »
- « Session should be shorter »
- Difficult to keep a logical red tape

Messages for the 2nd session:

- Attendees: « Bring and use your own data »
- Trainers: « Keep the ‘ex cathedra’ part short, concentrate on hands-on training »
- Host: « Foster exchange between trainees »

2nd session

- Room in islands, no more « classroom »
- Training course organised around:
 - (7) “Flash presentations” == short
 - (5) Thematic workshops == longer
 - 3 days long (~ 18 hours)





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Programme of the 2nd session

- ★ Upgrade CSR and CDI
- ★ Download manager
- ★ SeaDataNet helpdesk

- CDIs, workflows

Feedback time

- ★ Visualisation tools
- ★ Monitoring services
- Ocean Data View

- ★ DIVA/Ocean browser
- Biological data

Feedback time

- ★ Sensor Web Enablement
- NetCDF
- Vocabularies

Feedback time

Lessons learned from the 2nd session

- “Training was useful/interesting/fruitful”
 - ➔ keep working in groups, alternating flash presentations and more in-depth hands-on workshops
- 2nd training was about new developments, not a replay of the first → some partners represented by newbies where already trained people were expected
 - ➔ upcoming training sessions should target both audience



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All course resources available through
OceanTeacher Learning Platform:

<http://classroom.oceanteacher.org/>

Thanks to

- Claudia, Kristin, Mark, Adi, Peter, ...
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