



3rd ODIP II workshop **Hobart, Tasmania, Australia**

07 March– 10 March 2017

The workshops planned as part of the ODIP II project are fundamental to the objectives, outcomes and success of the ODIP II project. Each workshop aims to bring together representatives from selected regional marine data systems and related global data infrastructures together with other selected technical and domain experts in an effort to promote and support the development of a common global framework for marine data management.

This is the third workshop in the series of four planned for the ODIP II project. The aims of the 3rd ODIP II workshop are:

- 1) assessing the progress that has been made with developing the expanded prototype development tasks that are based on the interoperability solutions that were identified and initially established during the previous ODIP project;
- 2) monitoring progress and new developments in the cross-cutting themes that are relevant to many of the on-going ODIP II activities as well as the wider marine data management community. These sessions will provide an update on recent advances in these areas and potentially help to identify additional development and collaboration opportunities for the ODIP II project.

The format of the workshop remains largely the same as that adopted for previous meetings with a mix of plenary, discussion and breakout sessions. The workshop agenda includes a dedicated session for each of the prototype development tasks plus sessions addressing the cross-cutting themes initially identified in the previous ODIP project.



Workshop Sessions

Session	Title	Leader
1	Introduction	<i>Helen Glaves</i>
2	ODIP 1+ prototype development task	<i>Dick Schaap</i>
3	ODIP 2+ prototype development task	<i>Friedrich Nast</i>
4	ODIP 3+ prototype development task	<i>Christian Autermann</i>
5	ODIP 4 prototype development task	<i>Jonathan Hodge & Dick Schaap</i>
6	Management of marine biology data	<i>Francisco Souza Dias</i>
7	Prototype impact assessments	<i>Michele Fichaut</i>
8	Model workflows and big data	<i>Lesley Wyborn</i>
9	Linked Data Developments	<i>Simon Cox</i>
10	Vocabularies	<i>Rob Thomas</i>
11	Workshop wrap-up	<i>Helen Glaves</i>

AGENDA

DAY 1: Tuesday, 07 March 2017

Location: CSIRO

Session 1

8:45 – 9:15 Registration

9:15 – 9:30 Welcome

Tim Moltman (IMOS Director)

9:30 – 9:40 Workshop introduction and logistics

Helen Glaves (ODIP II project coordinator)



9:40 – 10:00 Introductions
(Name, Country, institution, main responsibility, expectations for this workshop: 30 seconds max.)

ODIP II Overview

10:00 – 10:15 ODIP II: overview of the project including aims and objectives
Helen Graves (ODIP II Coordinator)

10:15 – 10:40 ODIP II: technical objectives (including introduction to SeaDataCloud)
Dick Schaap (ODIP II Technical Coordinator)

10:40 – 11:00 Discussion *Led by Dick Schaap*

11:00 – 11:20 ***Break***

Session 2

ODIP 1+ Prototype Development Task: plenary

11:20 – 12:00 ODIP 1+: current status and planned development activities
Led by Dick Schaap (MARIS)

- *NOAA OneStop development – presentation by NCEI*

12:00 – 13:00 Discussion including other relevant presentations
Led by Dick Schaap

13:00 -14:00 ***Lunch***



Session 3

ODIP 2+ Prototype Development Task: plenary

14:00 – 14:15 ODIP 2+: current status and planned development activities
Led by Friedrich Nast

- R2R developments - *Karen Stocks*

14:15 – 14:45 Discussion
Led by Friedrich Nast

Session 4

ODIP 3+ Prototype Development Task : plenary

14:45– 15:30 ODIP 3+: current status and planned development activities
Led by Christian Autermann

15:30 – 16:00 Break

ODIP 3+ Prototype Development Task : plenary

16:00 – 17:00 Discussion
Led by Christian Autermann



DAY 2: Wednesday, 08 March 2017

Location: IMAS

9:00 – 9:10 Introduction/Announcements

*Helen Glaves /Roger Proctor/
Jonathan Hodge*

Session 5

ODIP 4 Prototype Development Task: plenary

9:10 – 10:30 ODIP 4 (Creating a 'digital playground')

Led by Jonathan Hodge and Dick Schaap

- Introduction to ODIP 4 – Dick Schaap
- IMOS cloud options – Roger Proctor
- SeaDataCloud – VRE development – TBC

10:30 – 11:00 Break

ODIP 4 Prototype Development Task: plenary (continued)

11:00 – 11:30 ODIP 4 (Creating a 'digital playground')

Led by Jonathan Hodge and Dick Schaap

- CLIPC Toolkit - Peter Thijsse
- ERDDAP – Kevin O'Brien / NOAA

11:30 – 12:00 Discussion (ideas for demonstrator development)

Led by Jonathan Hodge and Dick Schaap

12:00 – 14:00

Lunch



Location: CSIRO

Session 6

Management of marine biology data: plenary

14:00 – 15:00 Progress with marine biological data management
Led by Francisco Souza Dias

- Update on the Global Ecological Marine Units (EMU) Project
Dawn Wright (ESRI)

15:00 – 15:45 Discussion *Led by Francisco Souza Dias*

15:45 – 16:10 ***Break***

Session 7

ODIP II: prototype impact assessment (WP4)

16:10 – 16:30 Prototype impact assessments
Michele Fichaut (Leader WP4)

16:30 - 17:00 Discussion *Led by Michele Fichaut*



DAY 3: Thursday, 09 March 2017

Location: Old Woolstore

9:00 – 9:10 Introduction/Announcements

*Helen Glaves /Roger Proctor/
Jonathan Hodge*

Session 8

Model workflows and big data

9:10 – 10:10 Model workflows and big data

Led by Lesley Wyborn

- EMODnet HRSM incl cloud computing - *Dick Schaap*
- Australian Bathymetry project - *Irina Bastrakova*
- NetCDF (CF) upgrading developments with contributions - *Lesley Wyborn, Justin Buck, CNR, Simon Cox*

10:10 – 10:45 Discussion

Led by Lesley Wyborn

10:45 – 11:15

Break



Session 9

Linked Data Developments

11:15– 11:45	Plenary	<i>Led by Simon Cox</i>
	<ul style="list-style-type: none">• <i>SeaDataCloud developments</i>	<i>Adam Leadbetter (remotely)</i>
11:45 – 12:15	Discussion	<i>Led by Simon Cox</i>

12:15 -13:15 **Lunch**

Session 10

Vocabularies

13:15 – 14:30	Plenary	<i>Led by Rob Thomas (BODC)</i>
14:30 – 15:30	Discussion	<i>Led by Rob Thomas (BODC)</i>

15:30 – 16:00 **Break**



Breakout sessions

16:00 – 17:00 *An opportunity for smaller group discussions on cross-cutting themes.*

NOTE: *This session will run as two 30 sessions depending on the level of interest in each topic*

- Vocabularies
- Model workflows and big data
- Linked Data

Friday, 10 March 2017

Location: Old Woolstore

Session 11

Workshop wrap-up

Workshop session feedback

9:30 – 10:00 Cross-cutting topics

Feedback from each group on activities during the workshop and next steps (max. 10 minutes each):

- 1) Vocabularies
- 2) Linked data
- 3) Model workflows and big data



Workshop wrap-up

10:00 – 10:30 ODIP prototype development projects
Feedback from each group on activities during the workshop and next steps (max. 10 minutes each):

ODIP 1 - Dick Schaap

ODIP 2 – Friedrich Nast

ODIP 3 – Simon Jirka

ODIP 4 – Jonathan Hodge

10:30 – 11:00 **Break**

11:00 - 11:20 Plans for next 8 months (including details of 4th ODIP II workshop)
Helen Glaves (Co-ordinator)

11:20 – 11:45 Dissemination opportunities – discussion
Led by Helen Glaves

11:45 – 12:00 Closing remarks *Helen Glaves/Dick Schaap*

12:00 – 14:00 **Lunch**

14:00 – 16:30 **ODIP Steering committee meeting – CSIRO (members only)**