

IMOS Data User Workshop – Agenda - WA

Time	Session Details
8:30am	Arrive – Registration and Coffee
9 – 9:30am	Introduction – Integrated Marine Observing System (IMOS) and eMarine Information Infrastructure (eMII) and Community Involvement
9:30 – 10:05am	Data Access, Discovery and Download Including – <ul style="list-style-type: none"> • a discussion on Data Management, and • a demonstration of the IMOS Ocean Portal.
10:05 – 10:30am	Portal Discovery
10:30 – 11:00am	BREAK
11:00am – 12:00pm	Guided Worked Examples Including – <ul style="list-style-type: none"> • Navigating the IMOS Ocean Portal, • How Do I - examples
12:00 – 12:30pm	Guest – Prof. Chari Pattiaratchi
12:30 – 13:30pm	LUNCH BREAK
13:30 – 13:55pm	Data Access, Discovery and Download Including – <ul style="list-style-type: none"> • a demonstration of Data Turbine, and a • MEST Advanced searching and Download demonstration.
13:55 – 14:25pm	Guided Worked Examples Including – <ul style="list-style-type: none"> • Advanced Search, • Download, and • OPeNDAP
14:25 – 14:50pm	Guided Tutorials – Maria Island and Leeuwin Current
14:50 – 15:20pm	BREAK
15:20 – 15:50pm	Guided Tutorials – Maria Island and Leeuwin Current
15:50 – 16:20pm	Personal Data Examples
16:20 – 17:00pm	Feedback & Summary Session (includes quick break)

Learning Outcomes –

Data Access, Discovery and Download

These two sessions are designed to introduce and demonstrate –

- The data management activities of eMII including the infrastructure, standards and data flows. This includes a brief discussion on THREDDS and OPeNDAP.
- The IMOS Ocean Portal and the features and functionality.
- The IMOS MEST for advanced data searching.
- Data download options including a discussion on netCDF files and the file extensions and the datasets on the ARCS Data Fabric.
- Data Turbine and a demonstration of obtaining real-time data via Data Turbine.

Portal Discovery

The time allocated to portal discovery will be used to ensure that all participants can access the IMOS Ocean Portal and get an understanding of the layout, navigation and map interaction panels.

Guided Worked Examples

These are the hands on sessions to complement the Data Access, Discovery and Download sections. All participants will work through examples covering the portal functionality, advanced searching directly in the IMOS MEST and downloading data.

Guided Tutorials

These tutorials describe how to use the IMOS Ocean Portal to access different sources of IMOS data. Using the skills obtained during the Data Access, Discovery and Download and Guided Worked Example sessions the IMOS Ocean Portal will be utilised to search, discover, visualise and access the data to answer a number of presented scientific cases.