

OCEAN DATA VIEW (ODV) WORKSHOP BY REINER SCHLITZER (AWI)

ITINERIS Training course “Marine Data Management & Data Quality Control” 9-12/12/2024, Venice

Description

This hands-on workshop will teach standard and advanced methods for the analysis, quality control and visualization of marine data with the Ocean Data View software. Participants will learn how to create publication-ready data plots and how to apply simple or advanced station and sample filters. Focus of this course is on the visual quality control of hydrographic data, including temperature, salinity, oxygen and nutrients. Participants learn how to apply quality flags to individual data outliers, but also to potentially large sample patches in one operation. Participants also learn the structure of EDITFLAGS log records and how to export and utilize log record lists to implement the quality flag assignments performed in the ODV collection back in core databases.

Previous experience with ODV is useful but not required.

Preparation (before the course)

1. Participants need to bring their own Windows, macOS, or Linux laptops. Before the course, participants must install the latest version of the ODV software from <https://odv.awi.de/software/download/>. Please choose the installation package for your system. Note that you must register, if not already done, to get access to the software.
2. Participants also need to download the package of example datasets needed for the course. Please download from [https://drive.google.com/file/d/1Ko6-bxIz8jLId3pfQX0tjKboqzfZ8zjS/view?usp=drive link](https://drive.google.com/file/d/1Ko6-bxIz8jLId3pfQX0tjKboqzfZ8zjS/view?usp=drive_link) and unzip into an empty directory on your computer.

Important Note:

- During the course, there will be no time for software installation or data download. Please ensure you complete the preparation steps ahead of time.