

OceanTeacher Global Academy (OTGA) Training Course: Ocean Currents Data Quality Control and Analysis Methods 06 – 10 May 2019, Oostende, Belgium

Overview

The course provides students with both background reading assignments that cover the main course topics and hands-on exercises that explore the essential elements of ocean currents data quality control and analysis methods. The course assists participants in developing specific technical skills and methods for using ocean currents data.

Topics covered include:

- General Ocean Circulations
- Ocean currents observations and measurements
- Methods of ocean currents quality control tests
- Methods of ocean currents data analysis
- Visualization of ocean currents data

Aims and Objectives

- Build the fundamental knowledge of ocean currents dynamics
- Develop a great understanding of ocean currents observations and measurements
- Develop skills in managing ocean currents data

Learning Outcomes:

- Demonstrate the ability to discover and acquire ocean currents data online
- Demonstrate the ability to perform quality control tests of ocean currents data
- Demonstrate the ability to assess and interpolate the quality of ocean currents data

Target Audience

The target audience includes, but is not limited to, the following:

- Marine and coastal research scientists
- Ocean data managers
- Ocean resources managers
- Academic professors and students

Course Pre-requisites:

- Educational backgrounds in the oceanographic or meteorological sciences
- Proficiency to use personal computers with Windows or Mac
- Experience with the Linux/Unix shell scripting, Matlab, Octave, or R programming
- Need to bring own laptop
- Working knowledge of English.

NOTE: Priority will be given to participants originating from Europe and North African countries. UNESCO is committed to promote gender equality. Applications from women are strongly encouraged.

A Certificate of Participation will be issued to all successful students (90% attendance to the classroom course mandatory).

For more detailed information check the event details on <https://www.oceanexpert.net/event/2141>

Course dates:

16 – 20 September 2019

Duration: 5 days (~ 30 hours' classroom sessions and short pre course online assignment)

Course Venue:

UNESCO/IOC Project Office for IODE, Oostende, Belgium

Instructors:

- Charles Sun
- Greg Reed, IOC/IODE
- Others to be announced

Period for Applications:

7 June – 7 July 2019

Application process:

Please fill in the online application form on <https://otga.wufoo.com/forms/wnv396c0k7sgkk/> or <https://bit.ly/2F7BAjJ>

All information available on:

<https://www.oceanexpert.net/event/2143> and how to apply: <http://bit.ly/2ACZY9r>

No tuition fee applies. A limited number of fellowships is available.

Contacts:

OTGA Secretariat:
ioc.training@unesco.org

Useful sites:

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