

## OceanTeacher Global Academy (OTGA)

### Training Course: Discovery & Use of Operational Ocean Data Products & Services

11 – 15 March 2019, Oostende, Belgium

#### Overview

This course will provide knowledge and hands-on experience for the data, satellites and instrumentation, access and formats, tools and software for operational activities. A pre-course phase of the training will provide an essential overview of data, products and tools used to monitor the ocean and will focus on preparation for the classroom phase where students will work on a short project to learn more about the data and its applications.

#### Aims and Objectives

- Introduction to methods to access and download data and products used in operational oceanography
- Understanding of data and products to be used for specific applications
- Understanding of key types of satellite measurements used to monitor the ocean

#### Learning Outcomes

- Introduction to a wide range of data and products to improve marine analysis
- Overview of airborne and satellite data available for marine and coastal research
- Awareness of data processing and file formats
- Use of tools to access and visualize data scripting languages to work with marine satellite data

#### Target Audience

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

- Researchers with an interest in working with satellite based and real time ocean observation data
- Ocean and coastal data managers
- PhD students and Post-Docs

#### Course Pre-requisites:

- General knowledge of oceanography
- Experience with computer programming languages will be an advantage
- Good working knowledge of English
- Need to bring own laptop
- Candidates must **successfully complete an online pre-course phase** to be eligible to join the face-to-face classroom phase.

**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.'**

**Course dates (classroom phase):**

11 – 15 March 2019

**Duration:** 5 day pre-course online phase  
5 day classroom phase

**Course Venue:**

UNESCO/IOC Project Office for IODE, Oostende, Belgium

**Instructors:**

- EUMETSAT
- Dr Lesley Rickards
- Dr Bart Deronde
- Mr Greg Reed
- Others to be advised

**Period for Applications:**

13 December 2018 – 15 January 2019

**Application process:**

Please fill in the online application form on  
<https://bit.ly/2zU1ggY>

**All information available on:**

<https://www.oceanexpert.net/event/2138> and how  
to apply: <http://bit.ly/2ACZY9r>

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

**Contacts:**

OTGA Secretariat: [training@iode.org](mailto:training@iode.org)

**Useful sites:**

[www.ioc-cd.org](http://www.ioc-cd.org)  
[www.iode.org](http://www.iode.org)  
[www.oceanteacher.org](http://www.oceanteacher.org)  
[www.oceanexpert.net](http://www.oceanexpert.net)