

## OceanTeacher Global Academy (OTGA)

### Training Course:

### Regional Marine Observation and Quality Control 25 – 28 March, 2019, Tianjin, China



#### Overview

This course will provide an overview of regional/international marine observation, application and quality control of CTDs (Conductivity, Temperature, and Depth) and their measurements. It will provide an opportunity for participants to exchange the research progress on regional marine observation, and to learn the quality control procedures of CTDs to improve the in-situ oceanographic measurements.

#### Learning Outcomes

- Knowledge and understanding of regional/international marine observation.
- Knowledge of history, development, new technology, and application of CTDs.
- Knowledge of CTD calibration, Chinese Standard Seawater, and joint salinity measurement capacity in a region.
- Improved met-ocean data quality control/quality assurance and their application in scientific analysis.

#### Target Audience

Target audiences include, but are not limited to, the following:

- Researchers engaged in oceanographic and meteorological studies,
- Staff of marine research institutes and universities who use marine instruments, especially CTDs,
- Metrology engineers on CTD calibration,
- Ocean and coastal data managers.

**NOTE:** priority will be given to participants originating from the Asia-Pacific region/countries, especially from the Pacific Small Island Developing States (SIDS). UNESCO is committed to promoting gender equality. Therefore, applications from women are strongly encouraged.

#### Course Pre-requisites:

- Candidates should be preferably working in institutions responsible for Ocean Observations and Data Applications
- Need to bring own laptop
- Good working knowledge of English.

**A Certificate of Participation will be issued to all successful students.**

#### Course dates:

25 – 28 March, 2019

#### Duration: 4 working days

(~ 24 hours classroom sessions, plus eventual online assignments)

#### Course venue:

NCOSM, Tianjin, China

#### Lecturers:

- Prof. YU Weidong
- Prof. XIONG Xuejun
- Prof. LI Hongzhi
- Prof. Greg Reed
- Prof. PANG Yongchao
- Dr. JI Fengying
- Dr. YUAN Lingling
- Manufactures of CTDs

#### Period for Applications:

14 January – 2 February 2019

#### Application process:

Please fill in the online application form on  
<https://otga.wufoo.com/forms/s5ogj6i0acktk5/> or  
<https://bit.ly/2CoL8nV>

#### All information available on:

<https://www.oceanexpert.net/event/2287> and  
how to apply: <http://bit.ly/2ACZY9r>

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

#### Contacts:

OTGA Tianjin RTC: Wang Jun

[wangjun@ncosm.org.cn](mailto:wangjun@ncosm.org.cn)

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