

ANNEX I

WESTPAC TRAINING COURSE ON DEVELOPMENT OF COUPLED REGIONAL OCEAN MODELS **UNESCO/IOC Regional Training and Research Center on Ocean Dynamics and Climate** **Qingdao, China, 12-23 June 2017**

GENERAL INFORMATION

Introduction

The UNESCO/IOC Regional Training and Research Center on Ocean Dynamics and Climate (hereinafter referred to as “ODC Center”) was officially established through one Agreement signed by the Intergovernmental Oceanographic Commission of UNESCO and the host institute, the First Institute of Oceanography, State Oceanic Administration (FIO, SOA) of China, at the Eighth Intergovernmental Session of UNESCO/IOC Sub-Commission for the Western Pacific (WESTPAC-VIII) in Bali, Indonesia in May 2010.

ODC Center was built to provide advanced training and education for young scientists, promote exchange among experts within and outside regional ocean research and initiate cutting-edge research on ocean and climate model development. As the first UNESCO/IOC Regional Training and Research Center, ODC center was inaugurated on 9 June 2011 at the host institute of the First Institute of Oceanography, State Oceanic Administration of China. During the past 6 years, six training courses with the subjects of Ocean Models (10–16 June 2011), Ocean Dynamics (16–22 July 2012), Air-Sea Interaction and Modelling (12–23 August 2013), Climate Models (3–14 November 2014), Climate Change (7–18 September 2015) and Ocean Dynamics and Multi-scales Interaction (5–16 September 2016) had been held successfully. Totally, 276 trainees from 32 countries have been trained.

As per the Agreement, “*the objectives of the Center shall be to enhance the regional research capacity and capability on ocean dynamics, air-sea interactions, climate change and numerical modeling through, among others, provisions of regular training courses in English once a year to around 15-20 junior scientists and doctoral/master students mainly from the developing member states of IOC in the Western Pacific.*”

To this end, with the constructive suggestions and overwhelming interests received from the previous training courses, this training course on development of coupled regional ocean models will be held on 12-23 June 2017.

Objectives and Scope of the Training Course

This training course is designed to develop the capacity of member states in the Western Pacific (suitable candidates from outside the region will also be welcome), who are involved in the development of coupled regional ocean models. The training will cover topics related to regional surface wave model, tide model, ocean circulation model and their coupling.

Expected Outcomes

In addition to establishing the regional network of ocean research, the trainees are expected to improve their understanding on the wave-tide-circulation coupled model and practices on the simulation in regional and coastal regions.

Date and Venue

The training course will be conducted from **12 to 23 June 2017** in Qingdao, China. More information about this center and this training course can be found on the website of the ODC Center at http://www.fio.org.cn/en/training_center/index.htm and the website of WESTPAC at <http://iocwestpac.org>.

Lecturers and Agenda for the Training Course

Experienced experts on climate model within and outside the region will serve as lecturers of this training course. Lecturers are listed as follows. Detailed agenda for the training course will be updated on the website of WESTPAC (<http://iocwestpac.org>) and the website of the ODC Center (http://www.fio.org.cn/en/training_center/index.htm).

Prof Fangli Qiao
First Institute of Oceanography, SOA, China

Prof Yu-heng Tseng
National Center for Atmospheric Research,
USA

Prof Tal Ezer
Old Dominion University, USA

Prof Vladimir Maderich
National Academy of Sciences of Ukraine,
Ukraine

Prof Jianping Gan
Hong Kong University of Science & Technology,
China

Prof Qiang Wang
Alfred Wegener Institute, German

Prof Luigi Cavaleri
National Research Council - Institute of Marine
Sciences, Italy

Working Language

The training course will be conducted in English.

Trainees

Trainees will be selected mainly from WESTPAC member states with priority given to those young scientists and junior technical staff who have experience in studying the climate system and/or have doctoral degrees in related major. The applicants should have a good command of English.

Financial Assistance for Participants

The ODC Center will provide financial support for about 15 trainees mainly from developing countries. A selection committee will be set-up with a view to selecting the most qualified experts among applications to receive financial assistance. The information filled in the attached application form will be of great help for the selection process.

Deadline for Application

The filled-in application form shall be sent to Dr Xunqiang Yin and with a copy to Ms Nachapa Saransuth at the following addresses no later than **10 April 2017**. All applicants will be informed of the final selection result no later than **30 April 2017**. A certain number of self-funded applicants will be also selected to take part in this training course.

Visa

Selected trainees traveling to China probably need to apply for entry visa to China in accordance with relevant laws and regulations. Please check the visa requirements with the Chinese Embassy/Consulate in your country and apply for it as soon as possible. The local secretariat (Dr Xunqiang Yin) will be glad to provide you any assistance upon your request.

Contacting Information

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