



INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION  
COMMISSION Océanographique Intergouvernementale  
COMISIÓN OCEANOGRÁFICA INTERGUBERNAMENTAL  
МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ  
اللجنة الدولية الحكومية لعلوم المحيطات  
政府間海洋学委員会

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20 June 2001

**IOC Circular Letter No. 1696**  
(Available in English only)

**To:** Member States of the IOC Sub-Commission for the Western Pacific (WESTPAC)

**Cc:** Permanent Delegates to UNESCO of Member States of IOC/WESTPAC  
Chairman and Vice-Chairmen of IOC  
Chairman and Vice-Chairpersons of IOC/WESTPAC  
Chairman and Vice-Chairmen of I-GOOS  
Chairman and Vice-Chairman of IODE  
Members of NEAR-GOOS Co-ordinating Committee  
Director, UNESCO Regional Office for Science and Technology for South-East Asia (ROSTSEA)  
Director, UNESCO Principal Regional Office in Asia and the Pacific (PROAP)  
IOC Regional Secretariat for WESTPAC  
UNESCO Representative for Science and Technology, China  
Director, Hydrographic Department, Japan Coast Guard

**Subject:** Fifth IOC/WESTPAC Training Course on NEAR-GOOS (North-East Asian Regional - Global Ocean Observing System) Data Management, Japan Oceanographic Data Centre (JODC), Tokyo, Japan, 5 - 16 November 2001

On behalf of the Intergovernmental Oceanographic Commission (IOC) of UNESCO I have the pleasure in inviting you, in your capacity as representative of your country, to assist in the identification of the most suitable participants for the above training course.

The Global Ocean Observing System (GOOS) is a comprehensive system called for in Agenda 21 of the United Nations Conference on Environment and Development (UNCED) in 1992 to enable effective and sustainable management and development of

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seas and oceans, and prediction of future change. The Intergovernmental Oceanographic Commission (IOC) is playing the leading role in planning and implementing GOOS, which is co-sponsored by the IOC, the United Nations Environment Programme (UNEP), the World Meteorological Organization (WMO) and the International Council for Science (ICSU). Education, training and technical assistance are essential parts of GOOS in terms of capacity building in order to ensure the widest participation of Member States.

NEAR-GOOS is the first regional pilot project of GOOS implemented by China, Japan, the Republic of Korea and the Russian Federation. It is intended to provide a regional framework for gathering, co-ordinating and distributing data in the North-East Asian region, to enable participating countries to make better use of their investments in ocean observations and research and to lead to a regional contribution to GOOS. NEAR-GOOS started its operation of a data exchange system in October 1996 and has since provided oceanographic data and relevant products to users free of charge through electronic communications.

Training for the WESTPAC countries is one important aspect of NEAR-GOOS operation, considering the fact that new technology is continually introduced for an effective data exchange within NEAR-GOOS. The NEAR-GOOS Co-ordinating Committee, at its first session (Bangkok, September 1996), endorsed the idea of having training activities in support of NEAR-GOOS and invited the Japan Oceanographic Data Center (JODC) to organize training courses concerning on-line data exchange to strengthen the implementation of NEAR-GOOS. JODC builds on the experience of the WESTPAC Data Management Training Courses that were conducted as an activity of the RNODC-WESTPAC for more than ten years.

The present Training Course on NEAR-GOOS Data Management has been organized since 1997 by the JODC with the financial support of the Japanese Government, as well as the assistance from the Japan Meteorological Agency (JMA), the Ocean Research Institute (ORI) of the University of Tokyo, and other relevant organizations in Japan. Further to the recommendation of the Fifth Session of the NEAR-GOOS Co-ordinating Committee, this training course will also comprise an introduction to the IODE Resource Kit, a comprehensive training and self-training system on Ocean data and information management, developed by the IODE.

This will be the fifth in this series of training courses. The detailed information of the course is attached herewith together with the qualifications of the participants and other necessary information.

Financial support for the training course is made available by the Japanese Government through the UNESCO-Japan Funds-in-Trust. Up to Six participants can be

funded. Each selected participant will receive a study grant, which includes an economy class return air ticket and subsistence allowance for the period of the participation in the course. A few additional places will be available for self-paying participants. The participants will be assumed to undertake full responsibility for the purchase of necessary overseas insurance. The final selection will be made by JODC and the IOC Secretariat on the basis of the application forms received from the candidates.

You are kindly invited to send your recommendation of suitable candidates, accompanied by completed application forms (enclosed) to the following address:

Mr. Tsuyoshi SHIOTA  
GOOS Project Office  
Intergovernmental Oceanographic Commission, UNESCO  
1, rue Miollis, 75732, Paris Cedex 15, FRANCE  
Tel: (33.1) 45.68.39.74  
Fax: (33.1) 45.68.58.13

a copy to: Japan Oceanographic Data Centre (JODC)  
Hydrographic Department, Japan Coast Guard  
5-3-1 Tsukiji Chuo-ku Tokyo 104-0045 JAPAN  
Tel: (81.3) 3541. 4295  
Fax: (81.3) 3545. 2885

**Deadline for submission of application: 20 August 2001**

I thank you for your collaboration in this matter.

Yours sincerely,



Patricio Bernal  
Assistant Director General of UNESCO  
Executive Secretary of IOC

## **COURSE DESCRIPTION**

### ***Fifth IOC/WESTPAC Training Course on NEAR-GOOS Data Management***

#### **OBJECTIVES:**

To allow participants to become acquainted with the concept of NEAR-GOOS and its function in the WESTPAC region, and the acquisition, processing, compilation and exchange of oceanographic data in accordance with principles used within the framework of the International Oceanographic Data and Information Exchange (IODE) programme.

#### **PERIOD:**

5-16 November 2001 (10 days)

#### **VENUE:**

**Japan Oceanographic Data Centre (JODC)**  
Hydrographic Department, Japan Coast Guard  
5-3-1 Tsukiji Chuo-ku Tokyo 104-0045 JAPAN  
Tel +81-3-3541-4295 Fax +81-3-3545-2885  
E-mail [mail@jodc.jhd.go.jp](mailto:mail@jodc.jhd.go.jp)

#### **PARTICIPANTS:**

Up to six places will be available for applicants from WESTPAC Member States funded by IOC, and a few additional places will be available for self-paying applicants. Those who wish to participate at their own expense are requested to state so clearly on the application form.

#### **QUALIFICATIONS AND EXPERIENCE REQUIRED:**

Applicants should possess adequate background knowledge in the field of oceanographic data management, preferably with a current responsibility in the collection, archiving and exchange of oceanographic data and management at a national organization which takes an active interest in NEAR-GOOS.

#### **LANGUAGE:**

The course will be held in English.

#### **FINANCIAL SUPPORT:**

IOC, utilizing a contribution received from the Government of Japan in the form of funds-in-trust, will provide six selected trainees with financial support:

- (i) return air ticket, economy class, between the participant's home country and Tokyo;
- (ii) subsistence allowance for the period of the participation in the training course.

#### **DEADLINE FOR APPLICATIONS: 20 August 2001**

**COURSE PROGRAMME (provisional)**  
***Fifth IOC/WESTPAC Training Course on NEAR-GOOS Data Management***

**Monday, 5 November 2001**

10:00 - 12:00 Opening Ceremony and Course Orientation

13:30 - 16:00 Lecture on Outline about IOC and WESTPAC (containing NEAR-GOOS)

**Tuesday, 6 November 2001**

10:00 - 12:00 Study Visit to:

Hydrographic Department, Japan Coast Guard

Marine Information Research Center (MIRC)

13:30 - 16:00 Country Report

Introduction of Oceanographic Data Management in the Participant Country

**Wednesday, 7 November 2001**

10:00 - 12:00 Introduction to the IODE Resource Kit (containing lecture on IODE)

13:30 - 16:00 Lecture on Quality Control of Oceanographic Data using the IODE Resource Kit

**Thursday, 8 November 2001**

10:00-12:00 Lecture on Oceanographic Data and Information Management in JODC

13:30-16:00 Lecture on the Marine Environmental Data Information Referral Catalogue (MEDR)

**Friday, 9 November 2001**

10:00-12:00 Lecture on Relation between Ocean Research and Utilization/Management of Oceanographic Data

13:30-16:00 Study Visit to:  
Ocean Research Vessel

**Monday, 12 November 2001**

10:00-12:00 Lecture on NEAR-GOOS Real Time Data Exchange System

13:30-16:00 Study Visit to:  
Japan Meteorological Agency

**Tuesday, 13 December 2001**

10:00 - 12:00 Lecture on Ocean Current Data

13:30 - 16:00 Lecture on Serial Station Data Processing

**Wednesday, 14 December 2001**

All Day Lecture on Practice Data Management by using PC  
(containing NEAR-GOOS Delayed Mode Data Exchange System and  
JODC Data Online Service System)

**Thursday, 15 December 2001**

All Day Study Visit to: Japan Marine Science and Technology Center (JAMSTEC)

**Friday, 16 December 2001**

10:00 - 12:00 Course Evaluation and Closing Ceremony

13:30 - 16:00 Customized Special Study

**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION  
APPLICATION FORM**

*Fifth IOC / WESTPAC Training Course on NEAR-GOOS Data Management  
Japan Oceanographic Data Center (JODC), Tokyo, Japan, 5-16 November 2001*

**Instructions:** Applicants are requested to follow the format given below:

The information requested should either be typed or printed clearly in ink. Where additional space is needed, a separate sheet should be used and attached to the application. Application should be submitted to the GOOS Project Office (Attn. Mr. T. SHIOTA), Intergovernmental Oceanographic Commission, UNESCO (1 rue Miollis, 75732 Paris, Cedex 15, France, FAX 33.1.4568.5813), with a copy to Japan Oceanographic Data Centre, Japan Coast Guard (5-3-1 Tsukiji Chuo-ku Tokyo 104-0045 Japan, FAX 81.3.3545.2885), through an appropriate official channel (e.g. IOC Action Address, National Commission of UNESCO or appropriate Ministry).

**A. BACKGROUND DATA OF THE CANDIDATE**

Family name: \_\_\_\_\_ First name: \_\_\_\_\_ Nationality: \_\_\_\_\_

Date of birth: \_\_\_\_\_ Country and place of birth: \_\_\_\_\_ Sex: Female: \_\_\_\_\_  
Male: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Telex: \_\_\_\_\_  
E-mail: \_\_\_\_\_

Marital status: \_\_\_\_\_ Name, address and telephone number of person to notify in case of emergency: \_\_\_\_\_  
\_\_\_\_\_

**B. PRESENT POSITION**

Name and address of employer: \_\_\_\_\_  
\_\_\_\_\_

Title of post: \_\_\_\_\_ Years of service: \_\_\_\_\_ From \_\_\_\_\_

Name and title of supervisor: \_\_\_\_\_

**B. PRESENT POSITION**

Functions/Responsibilities

**C. EDUCATION**

University attended:

Dates:

Degree(s):

List any regional training activities attended

( including year of activities, name of sponsor and name of institution where activities undertaken ) :

**D. PUBLICATION AND RESEARCH**

List any significant publications ( including publisher and date of publication):

**E. LANGUAGES**

Mother tongue: .....

English ability:	Good	Average	Poor
Understand	.....	.....	.....
Read	.....	.....	.....
Speak	.....	.....	.....
Write	.....	.....	.....

2. Participation in regional on-going programmes, nature of work and affiliated organizations:

3. Any additional information considered relevant to the application:

(\* Please remark if the candidate wishes to participate even without financial support from the IOC.)

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

I. ENDORSEMENT AND RECOMMENDATION OF INSTITUTION

\_\_\_\_\_  
Name, title and signature of official

\_\_\_\_\_  
Date