CAPACITY DEVELOPMENT: IODE TOOLS (THAT CAN CONTRIBUTE TO CD)

IODE25 Conference, Tokyo, 18-19 February 2019
Theme: Future of IODE and Emerging Opportunities including the UN Ocean Decade

Claudia Delgado
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UNESCO/IOC Project Office for IODE

With the support of the Government of Flanders, Belgium
ORGANISING CD EVENTS AND TRAINING COURSES

Managing People and events
MANAGING PEOPLE AND EVENTS

OceanExpert
PaperClip
Country Reports
Alumni Database
MANAGING PEOPLE AND EVENTS

OceanExpert: directory of people and institutions

PaperClip

Country Reports

Alumni Database
MANAGING PEOPLE AND EVENTS

OceanExpert

PaperClip

Country Reports

Alumni Database

• Tags (type of event)
• Calendars (IOC, IOC-CD, GOOS, OceanTeacher, etc…)
• Registration
### Current Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 Jan - 01 Feb</td>
<td>Latin America and Caribbean Advanced Training on Ocean Acidification</td>
</tr>
<tr>
<td>28 Jan - 18 Feb</td>
<td>OTGA/POGO/AWI Training Course: Ocean Data Management</td>
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<tr>
<td>31 Jan - 02 Feb</td>
<td>CIFDP-PSG: 8th Meeting of the Coastal Inundation Forecasting Demonstration Project Steering Group</td>
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<tr>
<td>05 Feb - 16 Feb</td>
<td>AtlantOS Quantitative Future Observing Network Design workshop</td>
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<tr>
<td>05 Feb - 16 Feb</td>
<td>Ocean-safe : Technical Workshop on Enhancing ocean observations and research, and the free exchange of data, to foster services for the safety of life and property</td>
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<tr>
<td>05 Feb - 16 Feb</td>
<td>BBNJ Ottawa workshop : BBNJ workshop on the role of science and a scientific body under the new BBNJ instrument</td>
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<tr>
<td>12 Feb - 13 Feb</td>
<td>CUARTA REUNIÓN DEL GRUPO DE TRABAJO REGIONAL PARA AMERICA CENTRAL DEL GRUPO INTERGOBERNAMENTAL DE COORDINACION DEL SISTEMA DE ALERTA CONTRA TSUNAMIS Y ATENUACION DE SUS EFECTOS EN EL PACIFICO</td>
</tr>
<tr>
<td>12 Feb - 12 Feb</td>
<td>MSP Global Opening Conference</td>
</tr>
<tr>
<td>12 Feb - 14 Feb</td>
<td>Second Set of Indicators Workshop for the Caribbean Marine Atlas</td>
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</table>
MANAGING PEOPLE AND EVENTS

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MANAGING PEOPLE AND EVENTS

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### Report for Japan (all)

**Subsidiary body membership (6)**
- Official meeting participants (12)
- Training course participants (11)

<table>
<thead>
<tr>
<th>Name, Position, Institution</th>
<th>Event</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Rorie EDMUNDS, Programme Officer, ICUS World Data System</td>
<td>IODE-XXI Pre-Conference Training Course/Workshop (8 - 9 Mar 13) (Participant)</td>
<td>2013</td>
</tr>
<tr>
<td>Ms. Karina HIGA, Teacher, NPOA J-Rice Club</td>
<td>OTCA-INOS/UMT Training Course: Foundations of Coastal and Marine Spatial Planning (18 - 22 Nov 13) (Learner)</td>
<td>2018</td>
</tr>
<tr>
<td>Mr. Takashi HOSONO, Senior Engineer, Japan Agency for Marine-Earth Science and Technology...</td>
<td>OBS Asian nodes and Coral Reef (22 - 26 Oct 17) (Learner)</td>
<td>2017</td>
</tr>
<tr>
<td>Ms. Marika ICHIYANAGI, Engineer, Mitsubishi Works Japan Ltd.</td>
<td>OTCA/INOS Training Course: OBS Nodes Train the Trainers (27 Nov - 1 Dec 17) (Learner)</td>
<td>2017</td>
</tr>
<tr>
<td>Mr. Hiroshi INOUE</td>
<td>OTCA-PGCD-AWI: Ocean Data Management Training Course (4 - 15 Apr 18) (Learner)</td>
<td>2016</td>
</tr>
<tr>
<td>Mr. Tsuyoshi INOUE, Researcher, Mitsubishi Research Institute HQ</td>
<td>Third SeaDataNet Training Course (16 - 19 Jun 08) (Student)</td>
<td>2008</td>
</tr>
<tr>
<td>Mr. Mustapha MOKRANE, Executive Director, ICUS World Data System</td>
<td>IODE-XXI Pre-Conference Training Course/Workshop (8 - 9 Mar 13) (Participant)</td>
<td>2013</td>
</tr>
<tr>
<td>Mr. Akihito SETA, Deputy Director, Cabinet Secretariat</td>
<td>OTCA Training Course: Quality Management Framework (30 Nov - 3 Dec 15) (Student)</td>
<td>2015</td>
</tr>
<tr>
<td>Mr. Toru SUZUKI, Deputy Director General, Marine Information Research Center</td>
<td>IODE-XXI Pre-Conference Training Course/Workshop (8 - 9 Mar 13) (Participant)</td>
<td>2013</td>
</tr>
<tr>
<td>Mr. Tomohiko TSUNODA, Senior Researcher, Mitsubishi Research Institute HQ</td>
<td>Third SeaDataNet Training Course (16 - 19 Jun 08) (Student)</td>
<td>2008</td>
</tr>
<tr>
<td>Ms. Yuna ZAYASU</td>
<td>University Curriculum in Marine Data Management (2012) (5 - 14 Dec 11) (Student)</td>
<td>2011</td>
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</tbody>
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ORGANISING TRAINING ACTIVITIES

OTGA RTCs Network
OceanTeacher e-Learning Platform
OceanTeacher Online Application Form
Certified Quality Management System

With the support of the Government of Flanders, Belgium
RTC Network
OT eLP
Online Application Form
Certified Quality Management System
OCEANTEACHER

RTCs Network
OTT eLP
Online Application Form
Certified Quality Management System

Moodle:
- Modular
- Object
- Oriented
- Dynamic
- Learning
- Environment
DISTANCE LEARNING HAS NOT BEEN AROUND LONG ENOUGH...

The modern mail-based “correspondence school” is said to have been invented at the University of Chicago in 1891.

In 1951, WFIL-TV in Philadelphia broadcast The University of the Air as one of the first educational television programs.

Source: The Virtual Revolution: Understanding Online Schools. Education Next, Spring 2006
QINGDAO DECLARATION (2015):
PROMOTING THE USE OF ICT TO ACHIEVE EDUCATION TARGETS

• Access and inclusion
• Open educational resources and open solutions
• Quality learning
• Lifelong learning pathways
• Online learning innovations
• Quality assurance and recognition of online learning
• Monitoring and evaluation
• Accountability and partnership
• International cooperation

Seize digital opportunities, lead education transformation
Online Application Form:

- Customisable: standard questions + course specific questions
- Different languages
- No loss of documentation / emails
- Automatic email confirmation
- Able to handle hundreds of applications
- Error free
- Download all applications in one single file
OTGA Manual and Guidelines

OTGA Course Planning
1. Pre course Activities
2. Activities during the course
3. Post Course activities
4. Course Organisation – Administration
5. Managing Course Content
6. Quality Management
OTGA Manuals and Guidelines
IODE Project Office Certified as a Learning Services provider
International Standard ISO 29990:2010
(Learning services for non-formal education and training)

Requirements of ISO 29990:
1. **Learning services**, which is concerned with all aspects of the learning process.
2. **Management at the learning service provider**, which is concerned with ensuring that there is a certifiable management system such as a business plan or a system for financial risk or human resources management.

**Key Learning Service Processes**

3.1 **Determining learning needs**

- Determine Learner Current Qualifications
- Determine Requirements of Interested Parties
- What learners know and do
- What learners should know and do
- Gap
- Establish Learning Objectives and Content
International Standard ISO 29990:2010
(Learning services for non-formal education and training)

3.2 Design of the learning services
Between 2018 and 2020, the UNGA tasked IOC with preparing the Decade and coordinating the development of an Implementation Plan:

- Science Plan
- Capacity Development Plan
- Resource Plan
- Communications & Engagement Plan
- Monitoring & Reporting

Transfer of marine technology, training and education
UN Delivering as One: establish a (IOC) SDG Ocean Academy