Análise espectral de Marés e suas Aplicações
Curso de Formação

Maputo e Quelimane, Mocambique
21-25 Janeiro 2019

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IOC within UN

• Focal point for ocean observations, science, services and data exchange
• Competent international organization for Marine Scientific Research (UNCLOS)
• Often gives UNESCO 2 seats at the table (UNFCCC, CBD, Rio+20, etc)
The IOC of UNESCO: Building knowledge and capacity for sustainable ocean management

- Established in 1960
- Has **functional autonomy** within UNESCO
- Only intergovernmental body mandated to **promote marine science** in all ocean basins
- Fosters **marine sustainable development** through:
  - science,
  - services,
  - observations,
  - data exchange and
  - capacity development
Vision:

Strong scientific understanding and systematic observation of the changing world climate and ocean ecosystems shall underpin global governance for a healthy ocean, and global, regional and national management of risks and opportunities from the ocean.
IOC Medium Term Strategy 2014 - 2021

4 High Level Objectives

– Healthy ocean ecosystems
– Early warning for ocean hazards
– Resiliency to climate change and variability
– Enhanced knowledge of emerging issues
IOC: from vision to execution

- Improving governance
- Applying knowledge for societal benefit
- Building scientific knowledge

A. Ocean research
B. Observing system / data management
C. Early warning and Services
D. Assessment / information for policy
E. Sustainable management and governance
F. Capacity development
## OTGA & IOC Capacity Development Strategy

Approved by IOC MS in June 2015

<table>
<thead>
<tr>
<th>Output</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>1. Human Resources Developed</td>
<td>1.1 Academic (higher) education</td>
</tr>
<tr>
<td></td>
<td>1.2 Continuous professional development</td>
</tr>
<tr>
<td></td>
<td>1.3 Sharing of knowledge and expertise / community building</td>
</tr>
<tr>
<td></td>
<td>1.4 Gender balance</td>
</tr>
<tr>
<td>2. Access to physical infrastructure established or improved</td>
<td>2.1 Facilitating access to infrastructure (facilities, instruments, vessels)</td>
</tr>
<tr>
<td>3. Global, regional and sub-regional mechanisms strengthened</td>
<td>3.1 Further strengthening and supporting secretariats of regional commissions</td>
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<td></td>
<td>3.2 Enhance effective communication between regional sub-commission secretariats and global programmes as well as other communities of practice (inc. other organisations)</td>
</tr>
<tr>
<td>4. Development of ocean research policies in support of sustainable development objectives promoted</td>
<td>4.1 Sharing of information on ocean research priorities</td>
</tr>
<tr>
<td></td>
<td>4.2 Developing national marine science management procedures and national policies</td>
</tr>
<tr>
<td>5. Visibility and awareness increased</td>
<td>5.1 Public information</td>
</tr>
<tr>
<td></td>
<td>5.2 Ocean Literacy</td>
</tr>
<tr>
<td>6. Sustained (long-term) resource mobilization reinforced</td>
<td>6.1 In-kind opportunities</td>
</tr>
<tr>
<td></td>
<td>6.2 Financial support by MS to IOC activities</td>
</tr>
</tbody>
</table>
IOC/IODE Capacity Development

- Early 1980’s
- 1989 ODIN AFRICA
- 1991 Ocean PC
- 1987 IODE Resource Kit
- 2001 Ocean Teacher
- 2009 Ocean Teacher Academy
- 2014 OceanTeacher Global Academy

www.oceanteacher.org
OceanTeacher Global Academy: the concept

Sharing training resources and expertise in a coordinated way
OceanTeacher Global Academy: sharing training resources and expertise in a coordinated way

www.oceanteacher.org

Belgium  China  Colombia  India  Iran  Malaysia  Mozambique  Senegal

> 2 600 people trained from 134 Member States
> 4 900 registered users
> 210 training courses (English, Spanish, French, Portuguese)

Learning Services Provider

With the support from the Government of Flanders, Belgium
Training Resources

- OceanTeacher e-Learning Platform ([www.oceanteacher.org](http://www.oceanteacher.org))
- Análise espectral de Marés e suas Aplicações
- Course available on: [https://classroom.oceanteacher.org/course/view.php?id=369](https://classroom.oceanteacher.org/course/view.php?id=369)
  - All participants are enrolled

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