

## VENUE INFORMATION

The CCIB - Centre de Convencions Internacional de Barcelona (Spain), the Barcelona International Convention Centre - is an integral part of Diagonal Mar, the newest section of Barcelona's seafront. CCIB is in the heart of the technology and business district known as Barcelona 22. The CCIB is unique in Europe for the impact and originality of its architecture, for the versatility of its column-free meeting halls and spaces and for the superb use it makes of the warm, natural Mediterranean light.

The city of Barcelona offers numerous world class sightseeing opportunities and is unique for its cultural, artistic and historical richness lovely surroundings. It overlooks the sea with emblematic buildings of Catalan architects Antoni Gaudí and Luis Doménech i Montaner declared to be World Heritage Sites by UNESCO. Its more modern facilities are the inheritance from the 1992 Olympics. Their mark can also be seen on the hill at Montjuïc, beside the monumental work from the 1929 World Exhibition.

Barcelona is connected worldwide by its international airport located in El Prat de Llobregat, 12 kilometres southwest of the city. A train connects the airport with the railway station.

## REGISTRATION INFORMATION

*On-line registration and housing information will be available in late October 2013.*

*Inquiries concerning meeting details should be directed to Dr. Luis Valdés [jl.valdes@unesco.org](mailto:jl.valdes@unesco.org)*

*Abstract submission opens November 15, 2013*

## SCIENTIFIC SPONSORS AND CONVENERS

**The Oceanography Society:**  
Dr. Mike Roman

**The Intergovernmental Oceanographic Commission:**  
Dr. Luis Valdés



Organization



United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



THE OCEANOGRAPHY SOCIETY



<http://ioc.unesco.org>  
[www.iocunesco-oneplanetoneocean.fnob.org](http://www.iocunesco-oneplanetoneocean.fnob.org)

## FIRST ANNOUNCEMENT

# 2<sup>nd</sup> INTERNATIONAL OCEAN RESEARCH CONFERENCE

Barcelona (Spain), 17-21 November 2014



## BACKGROUND

In 2005 the **Intergovernmental Oceanographic Commission of UNESCO**, together with the **TOS** (The Oceanography Society), organized an International **Ocean Research Conference** (Paris, June 2005) to discuss the expected developments in marine sciences over the next decade. Now, almost ten years later in light of the advances in ocean sciences and technologies and also after important science-policy

developments such as The Future we want (UNCSD Rio+20), and **Future Earth**, the **Intergovernmental Oceanographic Commission of UNESCO** and the **Oceanography Society** will convene a new **International Ocean Research Conference** to discuss and plan the coming decade of international collaboration in marine sciences and technology.

*We look forward to seeing you  
in Barcelona!*



## TARGET AUDIENCE

**The Conference** will provide an overview on the latest trends and achievements in ocean sciences and technologies applied to oceanography and will explore future needs, developments as well as management and governance. The target audience is intended primarily for oceanographers, researchers, engineers, academics, conservation organizations and decision makers that have coastal and marine related responsibilities. The conference will welcome young career scientists.

## THEMES

**The Conference** will focus on how ocean sciences have progressed in the last 20 years and will discuss the coming decade of international collaboration in marine sciences and technology. The conference will be comprised of keynote lectures, oral presentations and poster sessions. The oral presentations will be structured in three sessions:

### BUILDING SCIENTIFIC KNOWLEDGE

Marine research and observations for climate, ecosystem functioning and security. The risks posed to ocean ecosystems by global environmental change should be assessed at multiple scales and the options for adaptation, mitigation, management and responses of ecological and social systems should be explored.

This increased understanding can form the basis for scientific guidance on options for adaptation of human social and economic systems to a changing ocean, and for setting regional and global objectives for conservation and the sustainable use of a dynamic ocean.

### APPLYING KNOWLEDGE FOR SOCIETAL BENEFIT: ACHIEVING ECOSYSTEM MANAGEMENT AND SUSTAINABILITY

Identifying robust indicators of ocean status and locating their tipping points relative to marine ecosystem functioning are important in predicting or early detection of changes in ecosystem states, and in evaluating ecosystem resilience etc. Such knowledge and analytical tools can be very valuable in ocean management in general, and in placing management of single sectors, such as fishing, into an ecosystem-based approach. Developing and testing robust approaches for locating positive feedback loops and tipping points poses hard scientific questions but is essential to address existing gaps in the ocean science-policy interface.

### IMPROVING GOVERNANCE AND BUILDING CAPACITIES.

As the demand for goods and services increases, competition will increase between different ocean users, thus managing human activities in a changing environment will be essential. Local studies and experiences on how society has, and could adapt to these ocean changes need to be assembled and synthesized to build greater understanding of human impacts on our changing oceans and the impacts of our changing oceans on human society.