

ORGANIZER:

Institute of Oceanology (IO-BAS)
Bulgarian Academy of Sciences

**UNDER AUSPICES OF:**

The President of Bulgarian Academy of Sciences
Acad. Stefan Vodenicharov

CO-ORGANIZERS:

PERSEUS FP7 EC PROJECT



Balkan Environmental Association
(BENA)



Intergovernmental Oceanographic Commission
(IOC/UNESCO)



Marine Board - European Science Foundation
(MB-ESF)



Ministry of Education,
Youth and Science of Bulgaria

**VENUE AND DATES:**

Hotel Admiral, Golden Sands Resort, BULGARIA, 4 days,
September 17-20, 2013

**LOCAL ORGANIZING COMMITTEE:**

Chairman: Prof. Veselin Peychev
Prof. Galina Shtereva
Prof. Dimitar Truhchev
Dr. Valentina Todorova
Dr. Lubomir Dimitrov
Dr. Raina Hristova
Dr. Vasil Donev

TECHNICAL COMMITTEE:

Chairman: Dr. Violin Raykov
Snejana Bacheva
Eleonora Racheva
Petia Evtimova
Elena Jekova
Anatoly Apostolov
Javor Vekov

IMPORTANT DATES:

Open Registration and Abstracts Submission	1 April - 31 May 2013
Notification of Abstract acceptance	till 5 June 2013
Final programme	31 August 2013
Publication of Conference's Proceedings	2014

REGISTRATION AND FEES:

Early bird registration - 5 June- 60 Euro
Late registration - 30 June - 80 Euro
On site registration - 100 Euro

<http://mares2020.io-bas.bg>

e-mail: mares2020@io-bas.bg

INTERNATIONAL CONFERENCE "MARINE RESEARCH HORIZON 2020"

MARES2020

17-20 SEPTEMBER 2013
VARNA, BULGARIA

FIRST ANNOUNCEMENT AND CALL FOR PAPERS



Dedicated to 40th anniversary of
INSTITUTE OF OCEANOLOGY
Bulgarian Academy of Sciences

INTERNATIONAL ORGANIZING COMMITTEE:

Chairman: Prof. Atanas Palazov-Director, IO-BAS
Prof. Evangelos Papathanasiou-Coordinator, PERSEUS Project
Dr. Sang-Kyung Byun-Chairman, IOC/UNESCO
Prof. Fokion K. Vosniakos- President, BENA
Dr Kostas Nittis- Chair, Marine Board - MB-ESF
Lora Pavlova- Ministry of Education, Youth and Science - BG
Prof. Halil Sur -Executive Director, BS Commission PS
Prof. Frederic Briand- Director General, CIESM
Abdellah Srour- Executive Secretary, GFCM/FAO
Prof. Nadia Pinardi - Co-president for Oceanography, JCOMM
Prof. Anna Stiina Heiskanen- Chair, HELCOM MONAS
Dr. Adolf Kellermann- Head of Science, ICES

INTERNATIONAL SCIENTIFIC COMMITTEE:

Chairman: Prof. Snejana Moncheva- IO-BAS, Bulgaria
Prof. Ahmet Kideys- IMS-METU, Turkey
Prof. Alice Newton -NILU-CEE, Norway
Prof. Angel Borja-AZTI, Spain
Prof. Boris Alexandrov-IBSS-NASU, Ukraina
Dr. Eleni Caberri-HCMR, Grece
Prof. Emil Stanev- HZG-ICR, Germany
Prof. Evgeniy Jakushev -NIVA, Norway
Prof. Ferdinando Boero -USalento, CNR-ISMAR, Italy
Prof. Gennady Korotaev- MHI-NASU, Ukraina
Prof. Galina Minicheva-IBSS-NASU, Ukraina
Prof. Gilles Lericolais-IFREMER, France
Dr. İlhan Aydin - CERI, Trabson, Turkey
Dr. Laura Boicenco -NIMRD, Romania
Dr. Luis Valdes- IOC/UNESCO, Paris, France
Prof. Nicolae PANIN- GEOECOMAR, Romania
Prof. Peter Haugan- GI-University of Bergen, Norway
Prof. Robert S. Young- Western Carolina University, USA
Dr. Serge Planes -CNRC, France
Dr. Simion Nicolaev-NIMRD, Romania
Prof. Stanislaw Massel-IO-PAN, Poland
Prof. Tamara Shiganova -SIO-RAS, Russia
Prof. Temel Ogus- IMS-METU, Turkey
Prof. Todor Nikolov- BAS, Bulgaria
Prof. William Ryan-Columbia University, USA
Prof. Yutaka Michida- AORI-University of Tokyo, Japan

BACKGROUND/RATIONALE:

To celebrate the 40th anniversary of its foundation IO-BAS along with partners will organize International Conference on Regional Ocean Research to share achievements and outline future prospects in marine science during the next decade. In line with the recent advance in ocean science and technologies and important science-policy developments such as The Future we want (UNCSD Rio+20) and the Horizon 2020 (EC), this International forum will bring together scientists, industry and policy representatives to address key research topics and promote international collaboration in marine science and technology for the sustainable management of the regional seas.

OBJECTIVE:

Discuss scientific achievements, research priorities, challenges and regional international collaboration in marine science, innovation and technology in the frame of global ocean perspective during the coming decade (with special focus on Black Sea, European and adjacent seas).

RELEVANCE FOR SCIENTIFIC COMMUNITY:

The conference will cover subjects strategic to HORIZON2020.

The conference will be a forum to assess priorities and to develop management actions.

The conference will expand knowledge on new research topics and technologies.

The conference will offer an opportunity to present different projects and programs outcomes.

OFFICIAL LANGUAGE: English

Authors are invited to submit papers in any of the fields listed below. Participants presenting oral or poster presentation are kindly asked to submit one page abstract, written in English, according to the template. The full text of presented papers only, will be published in Conference Proceedings. Selected papers, after scientific review will be published in high level scientific journal.

MAIN TOPICS AND CONTENT:

I. Building excellence in science: Marine research and observations for climate, ecosystem functioning, marine safety and security

- Climate changes, assessment, forecasting and adaptation
- Understanding, modeling and forecasting of ecosystem functioning
- Excellence in observations, services and data management
- Natural Hazards, risk assessment and vulnerability
- Boosting innovation and filling gaps in marine research infrastructure

II. Applying knowledge for societal benefit: Achieving marine resources and ecosystem management and sustainability

- Good environmental status - science and policy challenges
- Marine and costal biodiversity including genomics and invasive species
- The present and the future of Marine Protected Areas and networks
- Marine living resources, sustainable fishery and aquaculture
- Observations, services, data management and GIS for serving society
- Marine mineral resources, gas hydrate
- Renewable energy development

III. Better society and competitive marine industries: Improving governance, management and building capacities

- Marine spatial planning for sustainable development of marine environment
- Coastal zone management, coastal landscape planning legislation
- Policy and science for designation and management of Marine Protected Areas
- Environmental Education and Economy
- Tourism and Eco-tourism
- Environmental Pollution
- Public health, food safety and public awareness