



1st International Conference

DESIGN AND MANAGEMENT OF PORT, COASTAL AND OFFSHORE WORKS

Organised by:



Laboratory
of Harbor
Works



Laboratory
for Floating
Structures and
Mooring Systems



Laboratory
of Maritime
Engineering and
Maritime works



Hydraulic
Engineering
Laboratory



1st ANNOUNCEMENT
And call for papers

8-11 MAY 2019
EUGENIDES FOUNDATION
ATHENS, GREECE

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

The **Laboratory of Harbor Works**, of the Department of Water Resources and Environmental Engineering of the **National Technical University of Athens**, School of Civil Engineering, further to the successful conferences of:

- Harbor Works
- Management and Improvement of Coastal Areas
- Tourist Ports, Marinas

and with the **collaboration** of the **Laboratory for Floating Structures and Mooring Systems** of the School of Naval Architecture and Marine Engineering of the National Technical University of Athens, the **Laboratory of**

Maritime Engineering and Maritime Works of the department of Civil Engineering of the Aristotle University of Thessaloniki and the **Hydraulic Engineering Laboratory** of the department of Civil Engineering of the University of Patras and the **support** of the Hellenic Center for Marine Research (HCMR), the Ministry of Infrastructure and Transport, the Ministry of Maritime Affairs and Insular Policy, The Technical Chamber of Greece (TEE-TCG), the Hellenic Council for Civil Engineers (SPME) and the Hellenic Association of Consulting Firms (HELLASCO) organizes the:

1st International Scientific Conference on DESIGN AND MANAGEMENT OF PORT, COASTAL AND OFFSHORE WORKS

and we invite you to participate.

The President of the Organizing Committee
V.K.Tsoukala, Director of the LHW

SUBJECT

The **conference aims** to present and stimulate comprehensive discussions on the contemporary and state-of-the-art scientific and technological advantages associated with the design, construction and management of harbor, coastal and offshore structures, emphasizing on the supporting infrastructures for ships and floating structures of all kinds, the protection of coastal areas against corrosion, the long lasting formation of coastal zone morphology, the protection of the environment and the assessment of the risks associated with the manmade harbor, coastal and offshore infrastructures, wave propagation and the protection of the coastal zones against extreme environmental conditions, the construction, installation and management of offshore structures (fixed and floating) for underwater mining and exploitation of hydrocarbons, their storage and transportation as well as to the high tech systems for

sustainable energy conversion and exploitation (wind and wave).

The **conference intent** to update the community as regards the contemporary state-of-the in the field and the promotion of the current methodological practices relevant to the construction, exploitation, management of harbors, ports, coastal and offshore works.

The **conference aims** to attract engineers, researchers, designers, subcontractors, constructors, harbors, ports and marinas operators, high education organizations, maritime companies, classification societies, shipyards, local governments, port treasuries, organizations for the environment whom are kindly invited to present their work and their professional experiences.

ISSUES COVERED

- Designing criteria of port infrastructures and coastal works
- Regulations, recommendations and specifications
- Optimum practices for operation, management and maintenance of port facilities
- Harbors, ports and marinas cluster
- Maritime spatial planning
- Integrated Coastal Zone Management (ICZM)
- Urban and spatial planning of coastal zone
- Coastal works and protection
- Coastal geomorphology and sediment transport
- Socio-economic benefits for societies. Contribution to growth
- Climate change. Alteration of wave conditions
- Institutional context; relevant legislation
- Environmental impacts of coastal, harbor and offshore works
- Coastal ecosystems
- Offshore structures of hydrocarbon underwater mining, storage and transportation
- Sustainable energy resources
- Combination of harbors with wind farm

CALL FOR PAPERS

Prospective delegates are kindly invited to present their works and studies during the conference. They are asked to submit a brief abstract up to 1-A4 page, either in Greek or English, until the **20th of December, 2018**.

The authors of accepted papers will be invited to submit the full text. Detailed instructions will be advised. Full text papers will be reviewed by the scientific committee.

INFO

For more information, prospective delegates are invited to contact the conference websites:

www.dmpco.gr | <http://lhw.ntua.gr/eugenides2019>

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