

4th International Conference & Exhibition on **Ballast Water Management** (ICBWM 2008)

Bringing together
the **Shipping, Maritime**
and **Research** Groups

16-17 October 2008

Raffles Town Club Singapore

HIGHLIGHTS

- Ballast Water Treatment Technologies
- Ballast Water Monitoring Technologies
- Ballast Water Treatment Technologies Testing and Verification
- IMO Approval Processes and Guidelines
- Ballast Water Management Plans by Ports and Ships
- Laboratory Experiments, Land-based and Shipboard Trials
- Innovative Ship Designs for Ballast Water Management System
- Survey & Certification and experiences from Classification Societies
- Regional Issues and Collaborations
- Global Industry Alliance for Marine Biosecurity and IMO-GloBallast Partnerships
- Other Marine Biosecurity and Marine Environmental Issues

Who Should Attend

Since the adoption of the International Convention for the Control and Management of ships' ballast water in February 2004, numerous technologies have been proposed and tested for their safety, effectiveness, cost efficiency and environmental performance.

Several countries have ratified the Convention or are closer to ratification. After obtaining IMO approvals, there has been a great leap in development of innovative ideas and technologies to address this complex issue.

For maritime community and technology developers: This is the time to share and learn about emerging and approved technologies as well as other innovative management systems that meet the ballast water performance standards, within the designated timelines.

www.ballast2008.com

Guest-of-Honour

Mr Miguel Palomares

Director, Marine Environment Division, International Maritime Organisation

Keynote Speakers

Dr. Jose Matheickal

Chief Technical Advisor, Global Ballast Water Management Programme, Marine Environment Division, International Maritime Organization (United Nations)

Marine Biosecurity: Need for an Integrated Approach and Global Partnerships

Prof. Thomas D. Waite

Dean, College of Engineering, Florida Institute of Technology

Ballast Water Treatment Options to Achieve Global Discharge Standards

Mr. Varghis Jacob

Chief of Vessel Safety and Compliance Program, US Coast Guard

Ballast Water Management in USA

Dr. Andrew Hudson

Principal Technical Adviser, International Waters

United Nations Development Programme - Global Environment Facility

The Global Environment Facility's International Waters Focal Area: Protecting Transboundary Marine and Freshwater Ecosystems through Integrated Approaches

Mr. Zafrul Alam

Chairman, IMO Bulk Liquids and Gases Sub-Committee and Assistant Director, Maritime and Port Authority of Singapore

Challenges and Opportunities for the Stakeholders in 2009 and beyond in preparing for the Implementation of the 2004 Ballast Water Convention

PROGRAMME OUTLINE

Day One - 16 October 2008

Plenary Session

Session 1:

Ballast Water Monitoring, Testing & Verification

Session 2:

*Ballast Water Treatment Technologies
Lab Experiment, Land based and
Shipboard Trials*

Session 3:

*Ballast Water Management Plans
Ballast Water Treatment Technologies
Innovative Design, Survey and Certification*

Poster & Exhibition

Welcome Dinner

Day Two - 17 October 2008

Plenary Session

Session 4

*IMO Approved Policy and Guideline
Ballast Water Management Plans
Regional Issue and Collaboration
Global Industry Alliance for Marine Biosecurity*

Session 5

*Ballast Water Treatment Technologies
Lab Experiment, Land based and
Shipboard Trials*

Session 6

*Ballast Water Treatment Technologies
Lab Experiment, Land based and
Shipboard Trials*

Poster & Exhibition

End of Conference

Register by 19 September 2008

Online www.ballast2008.com

Email registration form to: ieseadmin@ntu.edu.sg

Conference Fee -includes all materials, tea breaks, lunches, welcome dinner and taxes.

Participant	:	S\$950
Presenter	:	S\$800
Student	:	S\$600

The Organizers

Institute of Environmental Science & Engineering (IESE) was created as a centre of research excellence in environmental technology (ET), under the Nanyang Technological University. With its corporatisation, it is now structured as a leading-edge technology organisation that provides value-added research and commercialization services in ET.

The GEF-UNDP-IMO GloBallast Partnerships Programme aims to assist developing countries to reduce the transfer of harmful organisms and pathogens in ships' ballast water. This global programme, executed by the International Maritime Organization (IMO) is working through 14 developing sub-regions and includes over 70 participating countries. The Programme focuses on capacity building, legal, policy and institutional reforms as well as technological solutions and aims to forge a global partnership among member States, NGOs and private sector to address marine biosecurity issues.

For more information, please contact IESE:

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Pre-Conference Forum

15 October 2008

Global Expert Forum on Ballast Water Treatment Technology Test Facilities

IMO-GloBallast, the joint organizer for the conference, will be hosting the half-day forum. The Forum aims to bring together key experts involved in the development and operation of test facilities to discuss the key technical issues as well as the need for developing a globally harmonized approach for design, construction, operation, inter-calibration and quality assurance for such test facilities which will act as input for a major Global Expert Workshop on Test Facilities being planned for 2009. The forum will be limited to 15 participants only.

If you are interested in participating in this forum, please contact Dr Jose Matheickal, Chief Technical Adviser, GEF-UNDP-IMO GloBallast Partnerships at jmatheic@imo.org