

## INTERNATIONAL SYMPOSIUM ON BALLAST WATER AND BIOFOULING MANAGEMENT IN IAS PREVENTION AND CONTROL

### AGENDA

**Date** : 28-30 November 2023  
**Location** : Akra Hotel / Şirinyalı Mahallesi Lara Caddesi No:24 Muratpaşa/Antalya, Türkiye

| Time   | Day-I (28/11/2023, Tuesday)  |
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| 09.30 – 10.00  | <b>Registration</b>  |
| 10.00 – 10.35  | Moment of Silence and National Anthem<br>Opening Remarks <ul style="list-style-type: none"><li>▪ Louisa Vinton, Resident Representative, UNDP Türkiye</li><li>▪ Yılmaz Taşcı, Deputy General Director of Maritime, MoTI</li><li>▪ Kadir Çokçetin, General Director of Nature Conservation and National Parks, MoAF</li></ul> |
| 10:35 – 10.40  | <i>Animation – Marine Invasive Alien Species</i>   |
| 10:40 – 11.00  | Marine Invasive Species and MariAS Project<br><i>Mehmet Gölge</i>  |
| 11.00 – 11:30  | Management and Practices of Invasive Alien Species in Türkiye<br><i>Hatice Bediz Şen</i>   |
| 11.30 – 11.55  | <b>Health Break</b>  |
| <b>I. SESSION</b><br>Session Chair: Prof. Dr. Süheyla Suzan Gökalp |  |
| 11.55 – 12.35  | Update on the Implementation of the BWM Convention<br><i>Theofanis Karayannis</i><br>(Online)  |
| 12.35– 13.00   | Barcelona Conventions’ Perspectives on Non Indigenous Species Management<br><i>Atef Ouerghi</i><br>(Online)  |
| 13:00 – 13:25  | Black Sea: Regional Policy in Ballast Water Management<br><i>Iryna Makarenko</i>   |
| 13.25 – 14.30  | <b>Lunch Break</b>   |
| <b>II. SESSION</b><br>Session Chair: Prof. Dr. Bayram Öztürk       |  |
| 14.30 – 14.55  | HELCOM Approach to Address NIS<br><i>Marta Ruiz</i>  |
| 14.55 – 15.20  | Innovative and Transformative Partnerships for Ocean Governance, IMO/UNDP/GEF<br><i>Vladimir Mamaev</i>  |
| 15.20 – 15.45  | Tackling Invasive Aquatic Species Introduced by Ships Biofouling Through Technical Cooperation<br><i>Lilia Khodjet El Khil</i>   |
| 15:45-16:10  | Perspectives on Invasive Alien Species (IAS) in the Marine Environment<br><i>Katie Costello</i><br>(Online)  |
| 16.10 – 16.30  | <b>Health Break</b>  |

| III. SESSION                         |   |
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| Session Chair: Prof. Dr. Cemal Turan |   |
| 16.30 – 16.55                        | Ballast Water Strategy for Mediterranean<br><i>Süheyla Suzan Gökalp</i>   |
| 16.55 – 17.20                        | Some Remarks and Suggestions on the International Convention for the Control and Management of Ships' Ballast Water and Sediments<br><i>Bayram Öztürk</i> |
| 17.20 – 17.45                        | Review of Deficiencies in Ballast Water Management in the Mediterranean Memorandum Inspections<br><i>Elif Arslan</i>                                      |
| 17.45                                | End of Day 1  |



| Time   | Day-II (29/11/2023, Wednesday)  |
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| 09.15 – 09.30  | Registration  |
| <b>IV. SESSION</b><br>Session Chair: Prof. Dr. Ahmet Özer        |   |
| 09.30 – 09.50  | Ballast Water Sampling and Analysis – 15 Years of Development and the Needs for Compliance Monitoring and Enforcement<br><i>Guillaume Drillet</i> |
| 09.50 – 10.10  | Early Warning System on Harmful Aquatic Organisms and Pathogens in Ballast Water: Regional Experience in Baltic Sea<br><i>Greta Srébalienė</i>    |
| 10.10 – 10.30  | Manufacturers & Suppliers Supporting Global Implementation of Biosecurity Regulations<br><i>Marcie (Shove) Merksamer</i>                          |
| 10.30 – 10.50  | Port-Specific Ballast Water Risk Assessment<br><i>Nermin Hasanspahić</i><br>(Online)  |
| 10.50 – 11.10  | Health Break  |
| <b>V. SESSION</b><br>Session Chair: Prof. Dr. Levent Çavaş       |   |
| 11.10 – 11.30  | Working Towards Comparable and Accurate Test Results – The Role of Global TestNet at the IMO<br><i>Guillaume Drillet</i>                          |
| 11.30 – 11.50  | Assessment of UV and Electrochemical Ballast Water Treatment Systems by the Expert Seafarers' Experiences<br><i>Ceren Bilgin Güney</i>            |
| 11.50 – 12.10  | Ship Ballast Water Treatment Systems and the Turkey-Ukraine Ballast Water Treatment Technology Project<br><i>Tanzer Satır</i>                     |
| 12.10 – 12.30  | Examination of Deficiencies Arising from Ballast Water Management Convention on Container Ships<br><i>Emin Deniz Özkan</i>                        |
| 12.30 – 14.00  | Lunch Break   |
| <b>VI. SESSION</b><br>Session Chair: Prof. Dr. Melih Ertan Çınar |   |
| 14.00 – 14.20  | Information Support and Target Species Selection for Granting Exemptions Under the IMO Regulation A-4<br><i>Sergej Olenin</i><br>(Online)         |
| 14.20 – 14.40  | Marine Biofouling: best practice management to minimise environmental impact<br><i>John Lewis</i><br>(Online)                                     |
| 14.40 – 15.00  | Rate of Detection of Fouling Alien Species by Four Different Sampling Methods<br><i>Jasmine Ferrario</i>  |
| 15.00 – 15.20  | Recreational Boating as a Major Cause of Alien Species Introductions via Biofouling in the Mediterranean Sea<br><i>Aylin Ulman</i>                |

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| 15.20 – 15.40  | IMO Regulations and Shipyard Practices Regarding Ballast Water Management and Anti-Fouling Paints<br><i>Mehtap Karahalli Özdemir</i>  |
| 15.40 – 16.00  | Health Break  |
| <b>VII. SESSION</b><br>Session Chair: Dr. Arzu Olgun |   |
| 16.00 – 16.20  | Antifouling Solutions for Recreational Boats: Effectiveness and Implications in the Context of Bioinvasions<br><i>Agnese Marchini</i> |
| 16.20 – 16.40  | Bioinformatics Methods in the Development of Antifouling Paint Formulas<br><i>Levent Çavaş</i>  |
| 16.40 – 17.00  | Current Environmentally Friendly Approaches in Antifouling Paint Tests<br><i>Yeşim Yılmaz Abeşka</i>                                  |
| 17.00 – 17.20  | Detection of Alien Species in Ballast Water with Artificial Intelligence and Computer Vision Techniques<br><i>Yakup Kutlu</i>         |
| 17.20  | End of Day 2  |

| Time   | Day-III (30/11/2023, Thursday)  |
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| 09.15 – 09.30  | Registration  |
| <b>VIII. SESSION</b><br>Session Chair: Prof. Dr. Gürel Türkmen       |   |
| 09.30 – 09.50  | Management of Ballast Tank Sediments on Land – Evaluation of Alternative Disposal Methods<br><i>Arzu Olgun</i>  |
| 09.50 – 10.10  | Ballast Water Management: A Bibliometric and Network Analysis<br><i>Emin Deniz Özkan</i>  |
| 10.10 – 10.30  | A Conceptual Ballast Tank Design for Reducing Sediment Accumulation<br><i>Şafak Nur Ertürk Bozkurtoğlu</i>  |
| 10.30 – 10.50  | Examination of Non-Compliances Arising from the Ballast Water Management Convention in Inspections of Oil and Chemical Tankers<br><i>Ömer Arslan</i>                        |
| 10.50 – 11.10  | Health Break  |
| <b>IX. SESSION</b><br>Session Chair: Prof. Dr. Özgür Emiroğlu        |   |
| 11.10 – 11.30  | The population status of the northern Atlantic Sea-Star <i>Asterias rubens</i> (Echinodermata) in the southern Marmara Islands (Sea of Marmara)<br><i>Melih Ertan Çınar</i> |
| 11.30 – 11.50  | Shipping Activities and Introduction of Non-Indigenous Species in the Mediterranean<br><i>Mehmet Cihan</i>  |
| 11.50 – 12.10  | High-Risk Donor Ports for Invasive Alien Species Introduction with Vessels in the Eastern Mediterranean: Case of Saronikos Gulf<br><i>Grigoria Kalyvioti (Online)</i>       |
| 12.10 – 12.30  | The Role of Ballast Water on the Invasive, Harmful Phytoplankton Species and Mucilage Phenomenon in the Sea of Marmara<br><i>Janset Kayaalp</i>                             |
| 12.30 – 14.00  | Lunch Break   |
| <b>X. SESSION</b><br>Session Chair: Asst.Prof.Dr. Ceren Bilgin Guneş |   |
| 14.00 – 14.20  | Impact of Marine Biofouling on the Energy Efficiency of Ships and the GHG Abatement Potential of Biofouling Measures<br><i>Gürel Türkmen</i>                                |
| 14.20 – 14.40  | The Fundamental Solution Against Invasive Alien Species Carried by Ballast Water: Ballast-Free Ship<br><i>Devrim Bülent Danışman</i>  |
| 14.40 – 15.00  | Using Environmental DNA for the Detection of Alien Species from Iskenderun Port's Ballast Water in Northeastern Mediterranean<br><i>Servet Ahmet Dođdu</i>                  |
| 15.00 – 15.20  | Aquatic Parasite and Host Translocation via Ship's Ballast Water: What Happens Next?<br><i>Ahmet Özer</i>   |
| 15.20 – 15.40  | Health Break  |

| <b>XI. SESSION</b><br>Session Chair: Doç. Dr. Sadi Aksu |   |
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| 15.40 – 16.00   | Climate Change, Global Trade, and Invasive Species: Implications for Biodiversity and Ecosystem<br><i>Sadi Aksu</i>             |
| 16.20 – 16.40   | IMPM Program: Pilot Studies in Samsun, İstanbul, Alsancak and Mersin Ports Against Alien/Invasive Species<br><i>Alper Evcen</i> |
| 16.40 – 17.00   | The Effect of Ballast Water on the Invasion Success of Neogobius Species<br><i>Özgür Emiroğlu</i>                               |
| 17.00-17.10   | <b>CLOSING REMARKS</b>  |

