Presentation of InterSeA Project

Tuesday, 9th September 2025

ELEFSIS TOWN HALL

AGENDA

10:00-10:30	**Registration – Welcome coffee**
10:30-11:00	**Greetings** **Georgios Georgopoulos, Mayor of Elefsis** **Maria Charalambidou, President of the Municipal Council of Elefsis** **Dr. Katerina Kouravelou, Director of HFRI** **Michael Scoullos, Prof. Em. Of NKUA** *Holder of UNESCO Chair for Management and Education for Sustainable Development in the Mediterranean in NKUA, President of EEE MAB/UNESCO, President of MIO-ECSDE, President of GWP-Med, Head of EU WES-BCA* **Dr. Efthimios Lytras** *Deputy Director of Strategy and Innovation, EYDAP* **Evangelos Bakeas, Prof. of NKUA** *Director of Laboratory of Environmental Chemistry, Department of Chemistry, NKUA*
11:00-11:20	**Design, development and validation of a surface microlayer sampling system installed on the autonomous surface vehicle InterSeA: Comparative study with traditional sampling techniques** S. Karavoltsos[1], N. Katsikatsos[1], A. Sakellari[1], T. Paramana[1], G. Katsouras[2], K. Koukoulakis[1], E. Bakeas[1] *[1]Laboratory of Environmental Chemistry, Department of Chemistry, NKUA* *[2] Research & Development Service, Strategy & Innovation Directorate, EYDAP*
11:20-11:40	**The technology of unmanned vehicles in environmental sampling: The case of InterSeA project** N. Mavromatis[1], I. Pappas[2], T. Xenakis[2], G. Kontostavlos[2], A. Ntourntoureka[2] *[1]iMachines* *[2]Metrica A.E.*

11:40-12:00	**Autonomous floating systems: Innovative solutions for aquatic systems monitoring** G. Katsouras[1], N. Tsalas[1], G. Tsatsanifos[2], A. Ifanti[1], T. Paramana[1], S. Samios[1], E. Lytras[1] *[1]Research & Development Service, Strategy & Innovation Directorate, EYDAP* *[2]Directorate of Sewage Treatment Plants, EYDAP*
12:00-12:20	**Coffee break**
12:20-12:35	**Elefsis gulf: a unique large scale laboratory, for the study of environmental pressures and impacts over time** I. Panagiotoulias *Dr. of Laboratory of Environmental Chemistry, Researcher*
12:35-12:55	**Study of the surface microlayer in the coastal zone of the Elefsis gulf with the autonomous sampling system InterSeA** N. Katsikatsos[1], A. Sakellari[1], T. Paramana[1], G. Katsouras[2], K. Koukoulakis[1], S. Kotsaki[1], E. Bakeas[1], S. Karavoltsos[1] *[1]Laboratory of Environmental Chemistry, Department of Chemistry, NKUA* *[2] Research & Development Service, Strategy & Innovation Directorate, EYDAP*
12:55-13:10	**Distribution of Cd and Co in the marine surface microlayer of coastal waters of the Eastern Mediterranean** E. Tzempelikou, C. Zeri, E. Pitta, S. Iliakis *Oceanography Institute, Hellenic Centre for Marine Research (HCMR)*
13:10-13:25	**Chromophoric dissolved organic matter in the marine surface microlayer of coastal waters of the Eastern Mediterranean** E. Pitta, E. Tzempelikou, C. Zeri *Oceanography Institute, Hellenic Centre for Marine Research (HCMR)*
13:25-13:45	**Discussion – Closing remarks** S. Karavoltsos, Coordinator of InterSeA project *Laboratory of Environmental Chemistry, Department of Chemistry, NKUA*
13:45-15:00	**Light lunch**