

Final Workshop

related to Integrated Management of Water Resources and Monitoring of Surface Water Quality by using autonomous boats

Athens, 28-29 January 2020

Place: *Crowne Plaza Athens City Centre Hotel*

Program

TUESDAY 28 JANUARY 2020

| Session | Time | Speaker/ Topic – Title of presentation |
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| Registration | 09:00 – 09:30 | Coffee |
| Opening session Welcome addresses The scope of the Workshop | 09:30 – 09:45 | Antigoni SYNODINO , General Director of Coordination and Support Functions, EYDAP SA Giorgos DIMOPOULOS , Vice-Governor of Central Sector of Athens Theodora VARVARIGOU , Chairman of the Board of Directors, EYDAP SA Charalambos SACHINIS , Chief Executive Officer, EYDAP SA |
| Session 1 INTCATCH Lake Yliki Session Chairs Lytras E. Samios St. Katsouras G. | 09:45 – 11:15 | Scrimshaw MARK – INTCATCH Coordinator - Brunel University London, An Introduction to the Smarter monitoring Catchment, INTCATCH project Horizon 2020 Mario CARERE, Stefania MARCHEGGIANI, Olga TCHEREMENSKAIA – Environmental molecular microbiologists, Istituto Superiore di Sanità (ITALY), INTCATCH vs Water Framework Directive (WFD) Michael SCOULLOS , Emeritus Professor of Chemistry, University of Athens/ UNESCO Chair & Network on Sustainable Development Management, President of MIO-ECSD/ECSD/GWP-Med, Team Leader Water and Environment Support (WES) in the ENI Southern Neighborhood region, Integrated Water Resources Management: From source to sea Stelios SAMIOS , Head of Research & Development Department EYDAP SA, Natural processes and anthropogenic interventions in the water quality of Catchments Fani MISKAKI , Deputy Director of Planning & Development for Water Sector Projects EYDAP SA, Existing monitoring approaches of Lake Yliki Efthimios LYTRAS , Deputy Director of Environment and Research & Development EYDAP SA, INTCATCH monitoring approaches of Lake Yliki Kyriakos KANDRIS, Danos MAMAI, Kostas NOUTSOPOULOS, Nikos KOURIS , Sanitary Engineering Laboratory NTUA, Supporting the development of water quality models through the INTCATCH robotic boats |

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| Coffee Break | 11:15–11:45 | |
| <p>Session 2</p> <p><i>Management of Water Resources and Greek Lakes Koumoundourou Trichonida Pamvotida Doxa</i></p> <p>Session Chairs Lytras E. Samios St. Katsouras G.</p> | 11:45 – 13:15 | <p>Angeliki MENTZAFΟΥ, Researcher/HCMR Institute of Marine Biological Resources and Inland Waters, Lake Koumoundourou; Management, rehabilitation and enhancement actions</p> <p>Giannis SELIMAS, Coordinator of the Mesolongi-Akarnanian Lagoon Management Body, Lake Trichonida as part of the Natura 2000 network</p> <p>Filippos FILIOS, President of the Management Body of Lake Pamvotida, The contribution of MBLP work to improvement of Lake Pamvotis water quality</p> <p>Panagiotis NITAS, Researcher of the Management Body of Lake Pamvotida, Landsat-based Remote sensing of the trophic state for Lake Pamvotis</p> <p>Danai MORAITI, Transition Sports 3, Monitoring of surface water quality during a Triathlon race; Lake Doxa</p> <p>Stelios SAMIOS, Giorgos KATSOURAS, Marina DESPOTIDOU, Nikos TSALAS, EYDAP – Monitoring by INTCATCH autonomous boats in the previous Lakes</p> |
| Ελαφρύ Γεύμα | 13:15–14:15 | |
| <p>Session 3</p> <p><i>Scientific presentations of Greek rivers and reservoirs Asopos Acheloos Evros Delta Dam of Nipsa Dam of Thermi Reservoir of EYATH</i></p> <p>Session Chairs Lytras E. Samios St. Katsouras G.</p> | 14:15 – 16:00 | <p>Katerina SAKELLARI, KARAVOLTSOS, DASSENAKIS, SCULLOS, Chemistry Department, Laboratory of Environmental Chemistry, The sea surface microlayer near Lake Koumoundourou and Asopos River: trace metals and organic matter</p> <p>Nikolaos SKOULIKIDIS, Director of Research Institute of Marine Biological Resources and Inland Waters, Ecological quality assessments and monitoring of inland waters; Acheloos River</p> <p>Georgia SERETOUDI, Thessaloniki Water Supply and Sewerage Company (EYATH), Aliakmonas river as a water resource for Thessaloniki</p> <p>Stelios SAMIOS, Giorgos KATSOURAS, Marina DESPOTIDOU, Nikos TSALAS., EYDAP – Monitoring by INTCATCH autonomous boats in the previous Rivers and Dams</p> |
| Coffee Break | 16:00–16:30 | |
| <p>Session 4</p> <p>Session Chairs Samios St. Despotidou M. Katsouras G.</p> | 16:30 – 17:00 | <p>Stefania MARCHEGGIANI, Olga TCHEREMENSKAIA, Mario CARERE – Environmental molecular microbiologists, Istituto Superiore di Sanità (ITALY), Smart genomic technology to prompt identification of pollution sources in aquatic ecosystem when extreme weather events happen</p> <p>Thorsten KNUTZ, Managing Director GO Systemelektronik GmbH, Nutrients monitoring using Intelligent Spectral Analyser (ISA)</p> <p>Michalis CHALARIS, Professor of the Fire Academy Officers School, Water, Industrial accidents and Early Warning Systems</p> |
| <p>Session 5</p> <p><i>Discussion Conclusions & Closing</i></p> | 17:00 – 18:30 | <p>Scientific Conclusions on the Water Resources of Greece - Interventions of stakeholders - companies and public discussion (Coordinating and summarizing the discussion Efth. Lytras, S. Samios, EYDAP SA) – NTUA, Andreas ANDREADAKIS, Emeritus Professor of School of Civil Engineering – NTUA, Danos MAMAIS, Professor of School of Civil Engineering</p> |



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| | <ul style="list-style-type: none"> – HCMR, Nikos SCOULIKIDIS, Director of Research Institute of Marine Biological Resources and Inland Waters – NKUA, Emmanouil DASSENAKIS, Professor of Chemistry Department, Laboratory of Environmental Chemistry – Management Body of Lake Pamvotida, Filippos FILIOS., President of the Management Body of Lake Pamvotida |
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A Dinner will follow at the VLASSIS RESTAURANT Restaurant, opposite the Crowne Plaza Hotel on Michalakopoulou Street.

WEDNESDAY 29 JANUARY *

| Demonstration | Time | Title |
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| <i>From scientific observations and knowledge to concrete actions towards solutions</i> | 09:30 – 12:00 | Demonstration of INTCATCH BOAT in Lake Marathon Samios St., Katsouras G., Despotidou M., Dosis Al., Tsalas N., Research & Development Department EYDAP SA |
| Lunch | 13:00–15:00 | |

* Please confirm your presence at the Autonomous Boat for organization proposes.

Transfer to Lake Marathon will be by coach at 08:45 departure time from Crowne Plaza Hotel