

## Monitoring Strategies in Transboundary Aquifers: Goals, Methods and Tools. The case study of Skadar/Shkoder – Buna/Bojana Delta transboundary alluvial aquifer

**Technical Webinar - 20 October 2020, 10:00 – 15:00 (GMT +2)**

### PROVISIONAL AGENDA

\*\* Total duration: 5 hours (including one hour of break time)

Time	Agenda item
10:00-10:10	<b>Introduction: Welcoming remarks</b> <i>Alice Aureli, Chief of Groundwater System and Human Settlements Section, UNESCO IHP</i> <i>Vangelis Constantianos, Regional Coordinator, GWP-Med</i>
10:10-10:40	<b>Session 1:</b> Why monitoring is paramount to address appropriate groundwater resources management and to attain EU WFD environmental goals? The specific case of transboundary aquifers. <b>Moderator:</b> <i>Dr. Josep Mas Pla</i>
10:40-11:10	<b>Session 2:</b> The hydrogeological conceptual model as an initial step towards design of a monitoring network. Data requirements, basic issues (including pressures, impacts, vulnerability and risks) to be considered. <b>Moderator:</b> <i>Dr. Laura del Val Alonso</i>
11:10-11:30	Break
11:30-12:00	<b>Session 3:</b> Where must be monitoring wells located? Identifying and selecting the most representative spots in coastal aquifers and inland aquifers. <b>Moderator:</b> <i>Dr. Josep Mas Pla</i>
12:00-12:30	<b>Session 4:</b> How to monitor groundwater levels? Instrumentation and practical considerations. Interpretation and reporting hydraulic head data. <b>Moderator:</b> <i>Dr. Laura del Val Alonso</i>
12:30-13:00	Break
13:00-13:30	<b>Session 5:</b> How to monitor groundwater quality? Groundwater sampling techniques and practical considerations. Interpretation and reporting hydro-chemical data <b>Moderator:</b> <i>Dr. Josep Mas Pla</i>
13:30-14:00	<b>Session 6:</b> Data management: Considerations on data processing, storage, quality assurance and reporting. Sharing databases in transboundary aquifer monitoring programs. <b>Moderator:</b> <i>Dr. Laura del Val Alonso</i>
14:00-14:15	Break
14:15-14:20	<b>Summary:</b> Proposal of a feasible monitoring plan based for a transboundary aquifer on the EU WFD regulations applied to the DRIN project <b>Moderator:</b> <i>Dr. Josep Mas Pla</i>
14:20-14:50	<b>Plenary Discussion:</b> Questions and Answers <b>Moderators:</b> <i>Alexandros Makarigakis, Josep Mas Pla, Laura Alonso</i>
14:50-15:00	<b>Closing remarks</b> <i>A. Makarigakis, Groundwater System and Human Settlements Section, UNESCO IHP</i> <i>Dimitris Faloutsos, Deputy Regional Coordinator, GWP-Med / Drin Project Manager</i>