AGENDA

for the Training of the Biological Elements for the Ecological Status Assessment of Surface Water Bodies

Chisinau, Moldova
15-17 July, 2015

Venue: Conference-hall
Labor Institute
Zimbrului Street 10, Chisinau, Moldova, 2024

Objectives:

- Define the biological elements as element of status classification in order to reflect the basin pressures and impacts.
- Show biological elements approach: taxonomic description, main metrics, results for each basin.
- Explain the overall classification of Biological Quality Elements, according to the ecological status protocol.
- Training on the use of the new Instruction and guidance document for macroinvertebrates sampling.

Languages: English and Russian. Translation from English into Russian and vice-versa will be provided.

For more information please contact the Kiev Regional Office:

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PROGRAMME

DAY-1	Theory
09:00 - 09:10	**Welcome - Opening Remarks and Training Objectives** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
09:10 - 09:40	**Biological/ecological monitoring programs and classification systems** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
09:40 - 09:55	*Questions/answers*
09:55 - 10:25	**General information about SW and the importance of doing the biological monitoring and a briefly review of the main characteristics of the river basin areas of the project.** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
10:25 - 10:40	*Questions/answers*
10:40 - 10:50	*Coffee-break*
10:50 - 11:50	**Macroinvertebrates: the benthic macroinvertebrate communities in rivers. The main groups of macroinvertebrates, the main taxonomic characteristics.** Ms. Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
11:50 - 12:10	*Questions/answers*
12:10 - 13:10	**Macrophytes & phytobenthos. Explanation about the biological flora elements. Some taxonomic key and some general indexes about diversity or abundance for macrophytes, data interpretation (ecological status, eutrophication);** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
13:10 - 13:30	*Questions/answers*
13:30 - 14:30	*Lunch at venue*
14:30 - 15:40	**Phytoplankton: a general explanation about the group and some simple indexes and metrics, data interpretation shall be carried out: ecological status, eutrophication, and potential status.** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
15:40 - 16:00	*Questions/answers*
16:00 - 16:10	*Coffee-break*
16:10 - 17:10	**Icthiofauna (theoretical training; "Integrated WFD approach in biological monitoring and assessment combining all BQEs and other quality elements" - incl. ecological status/potential assessment, relations with pressure, managerial aspects, RB management planning and PoM (special emphasis on control of eutrophication, other pollution control measures and hydro-morphological alterations - fish barriers)** Ms. Romina Alvarez, EPIRB Biology Key Expert (KE3)
17:10 - 17:30	*Questions/answers*
17:30	*Dinner at venue*

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DAY-2	**Practice. Training in the field in reference sites and other sites with special characteristics in order to get difficulties and try to solve them.** Sampling on the selected point at the river Bâc. **Water reservoir samplings** Sampling on water reservoir Ghidighici.
13:00-15:00 (tentatively)	***Lunch at the Labor Institute***
18:00	***Dinner at the Labor Institute***
DAY-3	**Practice. Laboratory work in the lab of the State Hydrometeorological Service at Grenoble Street 134, Chisinau:** after going to the field the team will take the macroinvertebrates samples and we will identify and apply the index in order to have a diagnosis for the stations sampled. Checking some of the material identified in the areas during 2013-2014 to be used as laboratory materials. Once calculation of different indexes & metrics and ecological interpretation/biological assessment of water quality and ecological status/potential). The team will use the stereomicroscope and the dichotomous keys to do the identification of the fauna. It will take place, a part from the training, an explanation the importance of how to create and how to keep a taxonomic collection for future comparisons. The macrophytes taken in the field will be identify and preserved in order to check the difficulties of this group for future projects.
13:30 – 14:30	***Lunch at venue***
	Two coffee-breaks to be provided during the laboratory work
18:00	***Dinner at the Labor Institute***