

Living Neretva-Towards EU standards in the Neretva
river basin (BiH)

Environmental Flow Working
Group (WFD-WG1):

**RECOMMENDATIONS FOR PROJECT
WORK**

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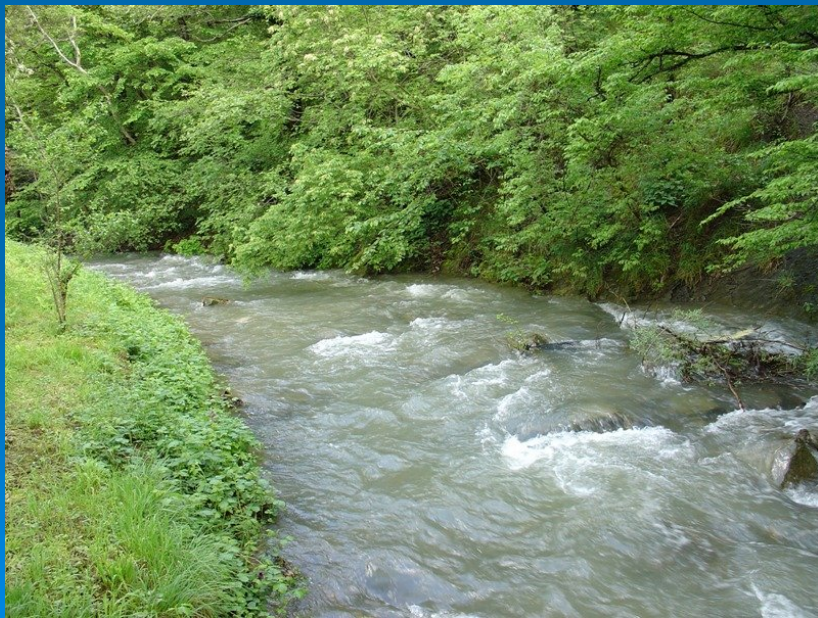


CONTENT:

1. THE PROJECT OBJECTIVES

2. WORKING PACKAGES

3. WORKSHOP PROGRAMME



THE PROJECT OBJECTIVES:

→ **Environmental Flow Assessment – river section in Trebizat river**



→ **Drafting relevant sub-laws on EF**

WORKING PACKAGES: 11

WP1: Project management

activities, communication, progress, production of deliverables and reporting

2 workshops

A monthly reports of BiH experts

Draft and Final Report: May 2008

WP2: Acquire a shared knowledge on the state of the art on EF

Report on Environmental Flow,
GEP method,
BiH legislation

WP3: Pilot water body

Why, The location and the length of river section

Information about the proposed project of water use

Collection of all information about Trebizat river

WORKING PACKAGES: 11- cont.

WP4: Objectives for the pilot water body

Define the process for EF evaluation (E)

Define important characteristics of flow regime (H)

Define the instream management objective (H,B,C,E)

Identification of instream ecological values (B,C,E)

Define critical parameters for ecological value of the river
(B,C,E)

Define hydro-morphological, biological, physico-chemical objectives, which should be achieved with EF evaluation (f.e. minimum water depth, minimum velocity, optimal temperature, oxygen concentration ...) (C,H,B,E)

WP5: Selection of additional data required and selection of sampling points

WP6: Fieldwork

WP7: Data analyses

WORKING PACKAGES: 11- cont.

WP8: Drafting sub-laws on environmental flow

WP9: Draft report

WP10: Final report

WP11: Recommendations for future work will include following proposals (H,C,B,E):

- Gaps, advantages and disadvantages in EF assessment for Trebizat river
- Basic strategy for EF management and its incorporation in integrated river basin management plan
- Monitoring of river ecosystem according to EF
- Monitoring of prescribed flow below the dam

WORKSHOP PROGRAMME

Day 1

PART I: Environmental Flow (EF)

- Work plan (working packages) for the project (E)
- The need to assess EF in rivers: the review of impacts of dams and water use (E)
- EF in the context of WFD and River basin management plan (E)
- Introduction of EF – definition, methods, approaches (E)
- GEP method - advantages, disadvantages and gaps (E)
- General additional criteria to assess EF (H,B,C,E)
- EF in the context of BiH Water Laws (H,B,C,E, LN, WWF)
- Info about the context of relevant sub-laws on EF as required by BiH Water Laws (art.62 Water Law FBiH, art. 65 Water Law RS) (H,B,C,E)

WORKSHOP PROGRAMME – cont.

Day 1

PART II: EF assessment for River Trebizat

- Why to assess EF in Trebizat river? (general info about the river, incl. information about proposed project on water use) (LN,H,B,C,E, WWF)
- The procedure for EF evaluation in Trebizat river (E)
- Data collected for Trebizat river – presentations of H,B,C
- Discussion on existing data (H,B,C,E)
- Identify existing and planned out of stream uses, pressures and impacts (H,B,C,E)
- Identify and assess the values of river and riparian ecosystem (H,B,C,E)
- Identify the river values that are to be preserved (H,B,C,E)
- Discussion on ecological objectives to achieve with EF (H,B,C,E)
- Discussion on critical parameters for ecological value of the river (H,B,C,E)
- Pre-Selection of data required - presentations of H,B,C
- Selection of data required (H,B,C,E)
- Pre-selection of sampling points (H,B,C,E)
- Plan for fieldtrip to river Trebizat (H,B,C,WWF,LN)

WORKSHOP PROGRAMME – cont.

Day 2

PART I: Fieldtrip to river Trebizat

- Meet local experts who know the Trebizat river
- Selection of sampling sections and points

PART II: Final discussion and conclusions (H,B,C,WWF,LN,E)

- Discussion about the field visit on Trebizat river
 - Used methods for additional sampling
 - Recommendations for data analysis
 - Recommendations for report writing and EF assessment – to include additional criteria
 - Conclusions of the workshop
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