



FEM PARAMETERS – DUNAV

FP30

100-year return period

HYDROLOGICAL PARAMETERS

- Design flows $Q_{100} = 9885.4 \text{ [m}^3\text{/s]}$
 $Q_{\text{bankfull}} = 5011.6 \text{ [m}^3\text{/s]}$
- Peak reduction

$\Delta Q \text{ [m}^3\text{/s]}$	$\Delta Q_{\text{rel}} \text{ [%]}$	FEM Class
912.9	18.73	5

$\Delta t \text{ [h]}$	FEM Class
1.5	3

HYDRAULIC PARAMETERS

- Water level

$\Delta h \text{ [m]}$	FEM Class
0.70	5

ECOLOGICAL PARAMETERS

- Connectivity of floodplain water bodies

Historic Water Bodies	FEM Class
4 - FP Exist, Disconnected $Q_{\text{connected}} > Q_{\text{bankfull}}$	1

- Existence of protected species and habitats

Protected species	FEM Class
173 species	5

Protected habitats	FEM Class
45% habitats	3

- Ecological water status

Status	No	FEM Class
Status 1 - Very poor	0	3
Status 2 - Poor	3	
Status 3 - Moderate	0	
Status 4 - Good	D	
Status 5 - Very Good	1	

Note: D = Danube (main watercourse)

HYDRAULIC PARAMETERS

- Land use

Value	FEM Class
4.87	5

- Potentially affected buildings

No houses / km ²	FEM Class
0.49	5

Need for preservation: YES

RESTORATION PRIORITY: Low

Legend

- WL gauges
- Affected buildings
- Rivers
- Flood Zone Extent (AFP)

0 1 2 3 4 km

Map projection-HTRS96 TM

Date: July 2020.

DATA SOURCE:
Hrvatske vode
Državna geodetska uprava
Other Institutions



Contractor:
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