

D. 3.1.3

Danube Floodplain inventory for active and potentially restorable floodplains

Activity: 3.1

Activity-Leader:

SZTE – University of Szeged, Hungary





Table of Contents

1. Introduction	3
2. Deliverable 3.1.3. Danube Floodplain inventory for active and potentially restorable floodplains.....	4
Annex 1. Danube Floodplain inventories.....	6

1. Introduction

Among all natural disasters, floods have the greatest damage potential worldwide (UNISDR 2015). In recent years, awareness was raised, leading to the development of new approaches in integrated flood risk management as demanded by the EU Floods Directive (2007/60/EC) by integrating non-structural and structural measures for flood protection. Such new methods of flood mitigation should especially focus on preserving and/or restoring floodplains (Habersack, Schober & Hauer 2015). Therefore, WP3 of the Danube Floodplain project has the purpose to review and update active and former floodplain areas including data collection and analyses of these data using GIS. The aim is to provide a spatial reference framework with accompanied database based on comprehensive inventory of floodplain areas and their multicriteria analysis along the Danube River and selected tributaries. The resulting actual and potential floodplain areas inventory will provide the main spatial reference base (geodatabase), where other hydrological, hydraulic, ecological and socio-economic parameters will be analysed (Activity 3.1).

In the first step for this approach, active and potential floodplains were identified. The floodplains will be displayed in the Danube GIS and the Danube Floodplain GIS (DFGIS). Active floodplains were originally defined as all areas which are still flooded during an HQ₁₀₀ but have been extensively edited and potential floodplains are areas which are currently not flooded, but have the theoretical potential to be reconnected to the river system again. The definition of the active and potential floodplains was a joint effort of all partners in the framework of Activity 3.2.

In the next step, both floodplain types were evaluated with the Floodplain Evaluation Matrix (FEM), which is a holistic, integrative tool for the assessment of hydrological, hydraulic, ecological and socio-economic effects of a floodplain (Activity 3.2).

In the last step, based on the FEM parameters, all active and potential floodplains along the Danube and selected tributaries were ranked to identify priority areas for preservation and/or restoration (“restoration demand”). The results of the ranking are stored in a spatial database, the DFGIS and are published on a public web map and in the Danube GIS. A summary of the ratings and restoration demand is published as the Danube Floodplain inventory (DFInv) (Activity 3.1).

Activity 3.1 is responsible for the following deliverables:

- D 3.1.1. List of jointly accepted data sources and criteria to build up DFGIS and DFInv
- D 3.1.2. Geodatabase and Danube Floodplain GIS for active and potentially restorable floodplains
- D 3.1.3. Danube Floodplain inventory for active and potentially restorable floodplains

2. Deliverable 3.1.3. Danube Floodplain inventory for active and potentially restorable floodplains

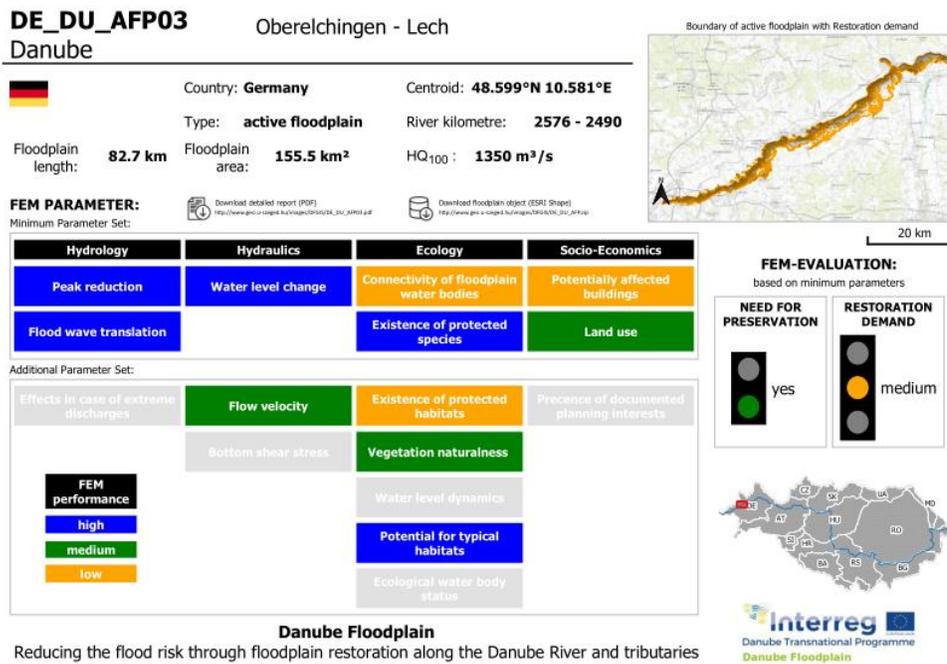
An overview of the results of the active and potential floodplain modelling is published as the Danube Floodplain inventory. The Inventory gives a textual overview of the FEM ratings and Restoration demand as specified D.3.1.3. The data are automatically read from the geodatabase (D.3.1.2) and converted to the layout of the inventory. The parameters that are published in the DFInv are listed in Table 1.

Table 1: Selection of parameters published in the DFInv

Name of field	data type/length	Full name of the parameter	Unit
DFGIS_ID	text/50	ID of the floodplains	
FP_Type	text/50	Floodplain type	Yes/no
Location	text/50	Location of the Floodplain	
Transbound	text/10	Does the Floodplain cross country boundary	
HQ100	numeric, integer	HQ100	m ³ /s
Km_from	numeric, double	Starting river kilometer	km
Km_to	numeric, double	End river kilometer	km
PDF	text/254	Link to the DFInv PDF file	
SHP	text/254	Link to the zip file with the shape files	
Area	numeric, double	Area (ha)	ha
FPLength	numeric, double	Length of the floodplain	km
Chan_width	numeric, integer	Width of the channel	m
R_delta_Q	numeric, integer	FEM Rating of peak reduction ΔQ	1, 3 or 5
R_delta_t	numeric, integer	FEM Rating of flood wave translation Δt	1, 3 or 5
R_delta_h	numeric, integer	FEM Rating of water level change Δh	1, 3 or 5
R_C_fp_wb	numeric, integer	FEM Rating of Connectivity	1, 3 or 5
R_Prot_spp	numeric, integer	FEM Rating of Existence of protected species	1, 3 or 5
R_Building	numeric, integer	FEM Rating of potentially affected buildings	1, 3 or 5
R_Land_use	numeric, integer	FEM of Rating of Land use	1, 3 or 5
R_Hyd_eff	numeric, integer	FEM Rating of effects in case of extreme discharge	1, 3 or 5
R_delta_v	numeric, integer	FEM Rating of flow velocity Δv	1, 3 or 5
R_prot_hab	numeric, integer	FEM Rating of Existence of protected habitats	1, 3 or 5
R_veg_nat	numeric, integer	FEM Rating of Vegetation naturalness	1, 3 or 5
R_WL_dyn	numeric, integer	FEM Rating of water level dynamics	1, 3 or 5

R_pl_int	numeric, integer	FEM Rating of Presence of documented planning interests	1, 3 or 5
R_delt_Tau	numeric, integer	FEM Rating of bottom shear stress $\Delta\tau$	1, 3 or 5
R_p_tp_hab	numeric, integer	FEM Rating of potential for typical habitats	1, 3 or 5
R_wb_stat	numeric, integer	FEM Rating of ecological water body status	1, 3 or 5
Restoratio	text/25	Restoration demand	lower, medium, higher

The DFInV gives the FEM ratings per category. The colours indicate the performance on the parameters. A map with the outline of the active floodplain is provided in the colour of the Restoration demand, and an overview map is given showing the location of the floodplain in relation to the Danube region (Figure 1).



Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union/Danube Transnational Programme. Neither the European Union/Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

Figure 1. Danube Floodplain inventory

Annex 1. Danube Floodplain inventories active and potential floodplains

AT_DU_AFP01 Danube

Aschach - Ottensheim

Country: **Austria** Centroid: **48.32°N 14.092°E**
 Type: **active floodplain** River kilometre: **2160 - 2144.5**
 Floodplain length: **15.2 km** Floodplain area: **56.4 km²** HQ₁₀₀: **8320 m³/s**

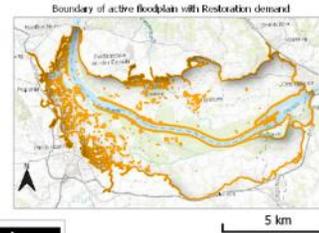
FEM PARAMETER:

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme. Neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_AFP02 Danube

Linz - Mauthausen

Country: **Austria** Centroid: **48.253°N 14.426°E**
 Type: **active floodplain** River kilometre: **2130 - 2112**
 Floodplain length: **18.1 km** Floodplain area: **34.8 km²** HQ₁₀₀: **8530 m³/s**

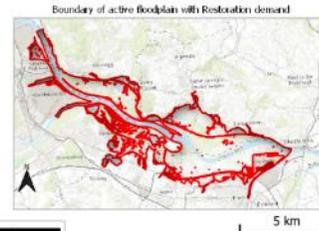
FEM PARAMETER:

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme. Neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_AFP03
 Danube

Mauthausen - Ardagger Markt


 Country: **Austria**

 Centroid: **48.185°N 14.707°E**

 Type: **active floodplain**

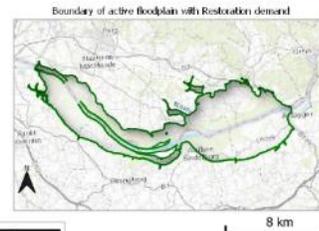
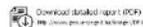
 River kilometre: **2109 - 2084**

 Floodplain length: **23.5 km**

 Floodplain area: **72.2 km²**

 HQ₁₀₀: **9560 m³/s**
FEM PARAMETER:

Minimum Parameter Set:



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_AFP04
 Danube

Krems - Wien


 Country: **Austria**

 Centroid: **48.36°N 16.035°E**

 Type: **active floodplain**

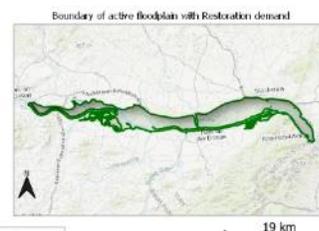
 River kilometre: **1999.5 - 1938**

 Floodplain length: **60 km**

 Floodplain area: **151.9 km²**

 HQ₁₀₀: **11200 m³/s**
FEM PARAMETER:

Minimum Parameter Set:



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_AFP05
 Danube

Wien - Devin

	Country: Austria	Centroid: 48.138°N 16.733°E
Floodplain length: 37.8 km	Type: active floodplain	River kilometre: 1918 - 1880
	Floodplain area: 85.3 km²	HQ ₁₀₀ : 10400 m³/s

FEM PARAMETER:

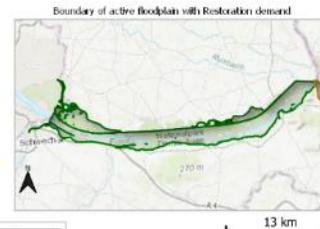
Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION	RESTORATION DEMAND
 yes	 low


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_PFP01
 Danube

Krems - Wien

	Country: Austria	Centroid: 48.362°N 16.019°E
Floodplain length: 60 km	Type: potential floodplain	River kilometre: 1999.5 - 1938
	Floodplain area: 160.7 km²	HQ ₁₀₀ : 11200 m³/s

FEM PARAMETER:

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

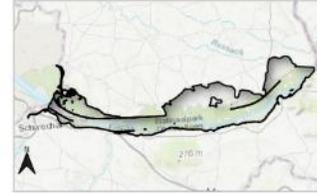
NEED FOR PRESERVATION
 yes


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_DU_PFP02 Wien - Devin
 Danube

Country: **Austria** Centroid: **48.143°N 16.757°E**
 Type: **potential floodplain** River kilometre: **1918 - 1880**
 Floodplain length: **37.8 km** Floodplain area: **121.4 km²** HQ₁₀₀: **10400 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.intereg.eu/interreg/AT_DU_PFP02.pdf](#)  Download floodplain object (BRI, Shape) [http://www.pis.intereg.eu/interreg/AT_DU_PFP02.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION

yes

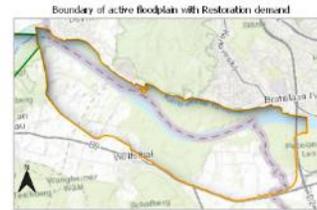


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

AT_SK_DU_AFP01 Devin - Wolfsthal
 Danube

Country: **Austria / Slovakia** Centroid: **48.144°N 17.025°E**
 Type: **active floodplain** River kilometre: **1880 - 1871.5**
 Floodplain length: **9.8 km** Floodplain area: **19.8 km²** HQ₁₀₀: **11000 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.intereg.eu/interreg/AT_SK_DU_AFP01.pdf](#)  Download floodplain object (BRI, Shape) [http://www.pis.intereg.eu/interreg/AT_SK_DU_AFP01.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION **RESTORATION DEMAND**

yes medium



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP01 RO: Ostroveni - Bistret aria; BG: Kozlodui - Oreahovo area
Danube

Country: **Bulgaria / Romania** Centroid: **43.779°N 23.811°E**
 Type: **active floodplain** River kilometre: **703 - 677**
 Floodplain length: **25.2 km** Floodplain area: **60.1 km²** HQ₁₀₀: **nodata**

FEM PARAMETER:

Minimum Parameter Set:

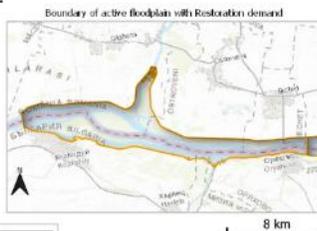
Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low



FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION **RESTORATION DEMAND**

yes medium

Interreg
Danube Transnational Programme
Danube Floodplain

Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP02 RO: Dabuleni area; BG: Leskovet - Ostrov area
Danube

Country: **Bulgaria / Romania** Centroid: **43.716°N 24.069°E**
 Type: **active floodplain** River kilometre: **677 - 661**
 Floodplain length: **15.6 km** Floodplain area: **32.3 km²** HQ₁₀₀: **nodata**

FEM PARAMETER:

Minimum Parameter Set:

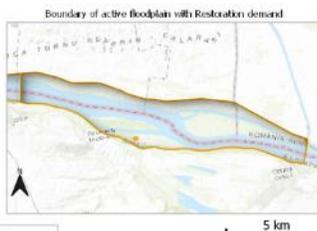
Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low



FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION **RESTORATION DEMAND**

yes medium

Interreg
Danube Transnational Programme
Danube Floodplain

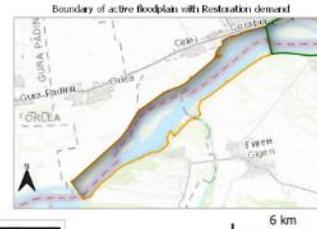
Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP03 RO: upstream from Corabia; BG: Baikal - Ghighena area



 Country: **Bulgaria / Romania** Centroid: **43.736°N 24.433°E**
 Type: **active floodplain** River kilometre: **646 - 630**
 Floodplain length: **15.4 km** Floodplain area: **29.3 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)  Download floodplain about (BRI 8map) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 **high**
 **medium**
 **low**

FEM-EVALUATION:
based on minimum parameters

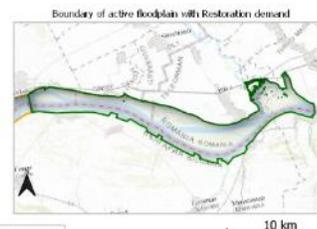

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP04 RO: downstream from Corabia-Islaz area; BG: Zagrajden-Somovit area



 Country: **Bulgaria / Romania** Centroid: **43.725°N 24.697°E**
 Type: **active floodplain** River kilometre: **630 - 600.3**
 Floodplain length: **30.9 km** Floodplain area: **81.6 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)  Download floodplain about (BRI 8map) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 **high**
 **medium**
 **low**

FEM-EVALUATION:
based on minimum parameters

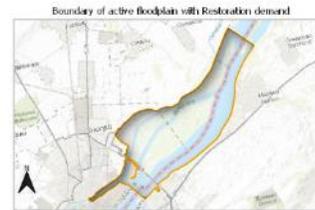

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP05 RO: Giurgiu area; BG: Marten area
 Danube



 Country: **Bulgaria / Romania** Centroid: **43.911°N 26.033°E**
 Type: **active floodplain** River kilometre: **490 - 479.5**
 Floodplain length: **10.3 km** Floodplain area: **25.3 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/afp/afp05/BG_RO_DU_AFP05.pdf](#)  Download floodplain about (BRI 8map) [http://www.interreg-danube.eu/afp/afp05/BG_RO_DU_AFP05_8map](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters



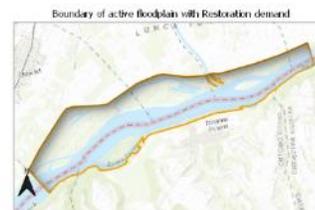
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_AFP06 RO: Chiselet-Dorobantu area; BG: Popina area
 Danube



 Country: **Bulgaria / Romania** Centroid: **44.136°N 26.93°E**
 Type: **active floodplain** River kilometre: **412 - 395.5**
 Floodplain length: **14.9 km** Floodplain area: **33.6 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/afp/afp06/BG_RO_DU_AFP06.pdf](#)  Download floodplain about (BRI 8map) [http://www.interreg-danube.eu/afp/afp06/BG_RO_DU_AFP06_8map](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters

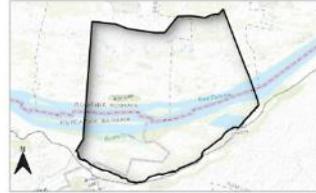


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_PFP01 RO: Desa area; BG: Slivata - Orsoia area
Danube

Country: **Bulgaria / Romania** Centroid: **43.81°N 23.054°E**
 Type: **potential floodplain** River kilometre: **763 - 753**
 Floodplain length: **10.6 km** Floodplain area: **82.8 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univ-bucuresti.ro/interreg/interreg-floodplain](#)  Download floodplain about (BRI 8map) [http://www.pis.univ-bucuresti.ro/interreg/interreg-floodplain](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION

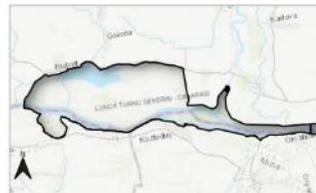


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_PFP02 RO: Bistret - Bechet area; BG: Dolni Tibar - Oreahovo area
Danube

Country: **Bulgaria / Romania** Centroid: **43.829°N 23.641°E**
 Type: **potential floodplain** River kilometre: **725 - 677**
 Floodplain length: **47.7 km** Floodplain area: **279.7 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univ-bucuresti.ro/interreg/interreg-floodplain](#)  Download floodplain about (BRI 8map) [http://www.pis.univ-bucuresti.ro/interreg/interreg-floodplain](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION



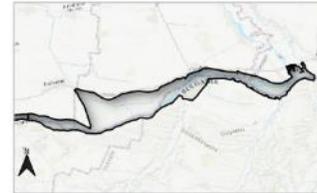
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_PFP03 RO: Bechet - Turnu Magurele area; BG: Oreahovo - Cerkovita area
Danube



 Country: **Bulgaria / Romania** Centroid: **43.727°N 24.388°E**
 Type: **potential floodplain** River kilometre: **677 - 600**
 Floodplain length: **77.8 km** Floodplain area: **309.7 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)  Download floodplain about (BRI Sheet) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_PFP04 RO: Traian - Zimnicea area; BG: Deagas Voivoda - Svistov area
Danube



 Country: **Bulgaria / Romania** Centroid: **43.685°N 25.162°E**
 Type: **potential floodplain** River kilometre: **590 - 554**
 Floodplain length: **35.7 km** Floodplain area: **204.5 km²** HQ₁₀₀: **nodata**



FEM PARAMETER:  Download detailed report (PDF) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)  Download floodplain about (BRI Sheet) [http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

BG_RO_DU_PFP05 RO: Nasturelu area; BG: Novgrad area
Danube

Country: **Bulgaria / Romania** Centroid: **43.633°N 25.527°E**
 Type: **potential floodplain** River kilometre: **543 - 537**
 Floodplain length: **6.2 km** Floodplain area: **31.7 km²** HQ₁₀₀: **nodata**



FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about ESRI Shapefile](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters

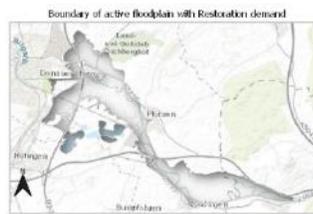


Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP01 Donaueschingen
Danube

Country: **Germany** Centroid: **47.935°N 8.549°E**
 Type: **active floodplain** River kilometre: **nodata**
 Floodplain length: **13.3 km** Floodplain area: **9.7 km²** HQ₁₀₀: **nodata**



FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about ESRI Shapefile](#)
 Minimum Parameter Set:

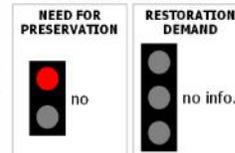
Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP02 Riedlingen
 Danube

 Country: **Germany** Centroid: **48.183°N 9.501°E**

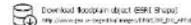
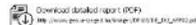
 Type: **active floodplain** River kilometre: **nodata**

 Floodplain length: **10.6 km**

 Floodplain area: **6.3 km²**

 HQ₁₀₀: **nodata**
FEM PARAMETER:

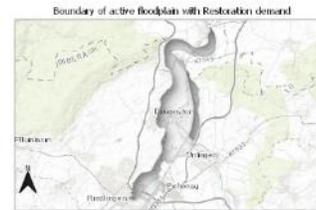
Minimum Parameter Set:



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



4 km

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP03 Oberelchingen - Lech
 Danube

 Country: **Germany** Centroid: **48.599°N 10.581°E**

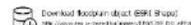
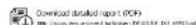
 Type: **active floodplain** River kilometre: **2576 - 2490**

 Floodplain length: **82.7 km**

 Floodplain area: **155.5 km²**

 HQ₁₀₀: **1350 m³/s**
FEM PARAMETER:

Minimum Parameter Set:



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



20 km

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP04 Lech - Neuburg
 Danube


 Country: **Germany** Centroid: **48.73°N 11.033°E**
 Type: **active floodplain** River kilometre: **2490 - 2477.5**
 Floodplain length: **20.4 km** Floodplain area: **32.3 km²** HQ₁₀₀: **1450 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uni-stuttgart.de/interreg/DE_DU_AFP04.pdf](#)  Download floodplain abstract (BRI 8 report) [http://www.pis.uni-stuttgart.de/interreg/DE_DU_AFP04_BRI8.pdf](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters

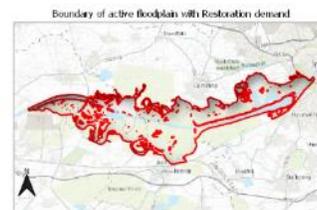


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP05 Bergheim – Ingolstadt
 Danube


 Country: **Germany** Centroid: **48.743°N 11.332°E**
 Type: **active floodplain** River kilometre: **2484.5 - 2458**
 Floodplain length: **15.3 km** Floodplain area: **21.9 km²** HQ₁₀₀: **2100 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uni-stuttgart.de/interreg/DE_DU_AFP05.pdf](#)  Download floodplain abstract (BRI 8 report) [http://www.pis.uni-stuttgart.de/interreg/DE_DU_AFP05_BRI8.pdf](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP06
 Danube

Neustadt – Weltenburg


 Country: **Germany**

 Centroid: **48.831°N 11.75°E**

 Floodplain length: **15.5 km**

 Type: **active floodplain**

 River kilometre: **2432 - 2408**

 Floodplain area: **16.4 km²**

 HQ₁₀₀: **2200 m³/s**

FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)

Download floodplain object (BRI Shapefile)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP07
 Danube

Regensburg


 Country: **Germany**

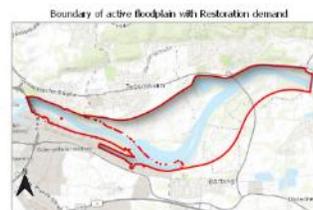
 Centroid: **49.018°N 12.192°E**

 Floodplain length: **8.9 km**

 Type: **active floodplain**

 River kilometre: **2376.5 - 2367.5**

 Floodplain area: **7.5 km²**

 HQ₁₀₀: **3400 m³/s**

FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)

Download floodplain object (BRI Shapefile)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP08 Geisling/Gmünd
 Danube

 Country: **Germany** Centroid: **48.97°N 12.432°E**
 Type: **active floodplain** River kilometre: **2354 - 2347**
 Floodplain length: **18.6 km** Floodplain area: **10.6 km²** HQ₁₀₀: **3400 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

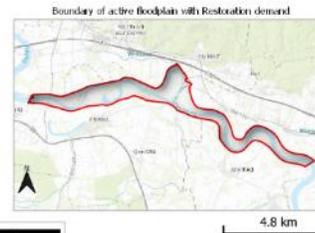


Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

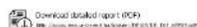
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP09 Straubing - Isar
 Danube

 Country: **Germany** Centroid: **48.867°N 12.742°E**
 Type: **active floodplain** River kilometre: **2327 - 2284.5**
 Floodplain length: **46.8 km** Floodplain area: **67.2 km²** HQ₁₀₀: **3400 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

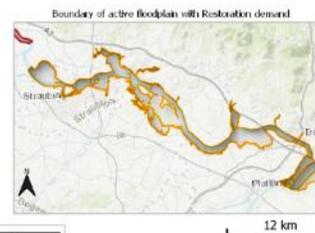


Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_AFP10 Isar - Vilshofen
Danube


Country: **Germany** Centroid: **48.731°N 13.043°E**
 Type: **active floodplain** River kilometre: **2284.5 - 2249.5**
 Floodplain length: **30.7 km** Floodplain area: **45.3 km²** HQ₁₀₀: **4100 m³/s**


FEM PARAMETER:

Minimum Parameter Set:

 [Download detailed report \(PDF\)](#)
http://www.pis.uni-stuttgart.de/interreg/DFP/ISAR_AFP10.pdf

 [Download floodplain about \(BRI 8\) \(pdf\)](#)
http://www.pis.uni-stuttgart.de/interreg/DFP/ISAR_AFP10.pdf

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION	RESTORATION DEMAND
yes	medium


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_PFP01 Oberelchingen - Lech
Danube


Country: **Germany** Centroid: **48.601°N 10.587°E**
 Type: **potential floodplain** River kilometre: **nodata**
 Floodplain length: **nodata** Floodplain area: **167 km²** HQ₁₀₀: **1250 m³/s**


FEM PARAMETER:

Minimum Parameter Set:

 [Download detailed report \(PDF\)](#)
http://www.pis.uni-stuttgart.de/interreg/DFP/ISAR_PFP01.pdf

 [Download floodplain about \(BRI 8\) \(pdf\)](#)
http://www.pis.uni-stuttgart.de/interreg/DFP/ISAR_PFP01.pdf

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION
yes


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_PFP02

Lech - Neuburg

Danube


 Country: **Germany** Centroid: **48.731°N 11.027°E**

 Floodplain length: **nodata**

 Type: **potential floodplain** River kilometre: **nodata**

 Floodplain area: **37.4 km²**

 HQ₁₀₀: **2100 m³/s**

FEM PARAMETER:
 Download detailed report (PDF)

 Download floodplain about (BRI 8map)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION



 Danube Transnational Programme
 Danube Floodplain

Danube Floodplain

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.
DE_DU_PFP03

Großmehring

Danube


 Country: **Germany** Centroid: **48.746°N 11.516°E**

 Floodplain length: **nodata**

 Type: **potential floodplain** River kilometre: **nodata**

 Floodplain area: **4.9 km²**

 HQ₁₀₀: **2100 m³/s**

FEM PARAMETER:
 Download detailed report (PDF)

 Download floodplain about (BRI 8map)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

NEED FOR PRESERVATION



 Danube Transnational Programme
 Danube Floodplain

Danube Floodplain

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

DE_DU_PFP04

Katzau

Danube

 Floodplain length: **nodata**

 Country: **Germany**

 Centroid: **48.781°N 11.675°E**

 Type: **potential floodplain**

 River kilometre: **nodata**

 Floodplain area: **3.1 km²**

 HQ₁₀₀: **2100 m³/s**


1.3 km

FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

http://www.pis.uni-stuttgart.de/interreg/DE/DU_PFP04.pdf
 Download floodplain abstract (BRI 81x60)

http://www.pis.uni-stuttgart.de/interreg/DE/DU_PFP04.pdf

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION


NO


Danube Floodplain

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.
DE_DU_PFP05

Geisling/Gmünd

Danube

 Floodplain length: **nodata**

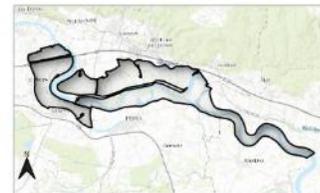
 Country: **Germany**

 Centroid: **48.979°N 12.391°E**

 Type: **potential floodplain**

 River kilometre: **nodata**

 Floodplain area: **25 km²**

 HQ₁₀₀: **3400 m³/s**


5 km

FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

http://www.pis.uni-stuttgart.de/interreg/DE/DU_PFP05.pdf
 Download floodplain abstract (BRI 81x60)

http://www.pis.uni-stuttgart.de/interreg/DE/DU_PFP05.pdf

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION


yes


Danube Floodplain

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

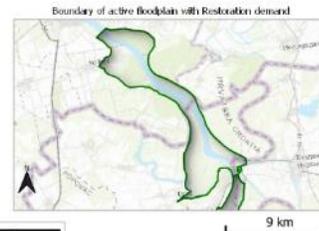
Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_HU_DU_AFP01 Béda-Karapnacs

Danube



 Country: **Hungary / Croatia / Serbia** Centroid: **45.908°N 18.793°E**
 Type: **active floodplain** River kilometre: **1444 - 1425**
 Floodplain length: **18.6 km** Floodplain area: **48.2 km²** HQ₁₀₀: **8312 m³/s**



FEM PARAMETER:  Download detailed report (PDF)  Download floodplain object (BRI 9 shape)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

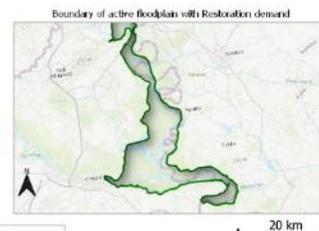
Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_RS_DU_AFP01 Kopački rit/Gornje Podunavlje

Danube



 Country: **Serbia / Croatia** Centroid: **45.614°N 18.905°E**
 Type: **active floodplain** River kilometre: **1425 - 1354.2**
 Floodplain length: **70.1 km** Floodplain area: **279.9 km²** HQ₁₀₀: **8614 m³/s**



FEM PARAMETER:  Download detailed report (PDF)  Download floodplain object (BRI 9 shape)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain

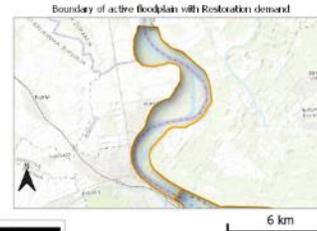
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_RS_DU_AFP02 Borovo/Vajska
 Danube

Country: **Serbia / Croatia** Centroid: **45.41°N 18.999°E**
 Type: **active floodplain** River kilometre: **1349.8 - 1334**
 Floodplain length: **16.2 km** Floodplain area: **19.6 km²** HQ₁₀₀: **8443 m³/s**

FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP02/HR_RS_DU_AFP02.pdf](#)  Download floodplain abstract (BRI) (Shape) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP02/HR_RS_DU_AFP02.shp](#)



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters



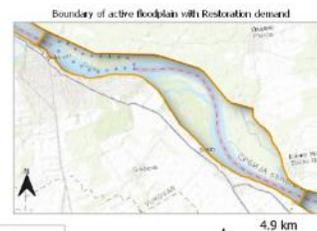
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_RS_DU_AFP03 Vukovar/Bačko Novo Selo
 Danube

Country: **Serbia / Croatia** Centroid: **45.323°N 19.084°E**
 Type: **active floodplain** River kilometre: **1334 - 1318**
 Floodplain length: **16.8 km** Floodplain area: **24.6 km²** HQ₁₀₀: **8433 m³/s**

FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP03/HR_RS_DU_AFP03.pdf](#)  Download floodplain abstract (BRI) (Shape) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP03/HR_RS_DU_AFP03.shp](#)



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters



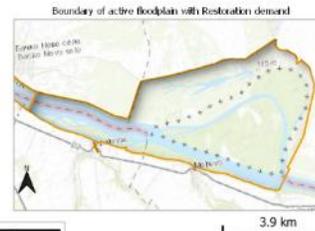
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_RS_DU_AFP04 Mohovo/Karađorđevo
 Danube



 Country: **Serbia / Croatia** Centroid: **45.268°N 19.226°E**
 Type: **active floodplain** River kilometre: **1318 - 1308.4**
 Floodplain length: **9.3 km** Floodplain area: **30 km²** HQ₁₀₀: **8420 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP04/HR_RS_DU_AFP04.pdf](#)  Download floodplain object (ESRI Shapefile) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP04/HR_RS_DU_AFP04.shp](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
based on minimum parameters



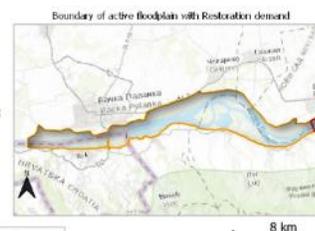
Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HR_RS_DU_AFP05 Ilok/Bačka Palanka
 Danube



 Country: **Serbia / Croatia** Centroid: **45.235°N 19.485°E**
 Type: **active floodplain** River kilometre: **1303.8 - 1275.8**
 Floodplain length: **27.2 km** Floodplain area: **49.2 km²** HQ₁₀₀: **8406 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP05/HR_RS_DU_AFP05.pdf](#)  Download floodplain object (ESRI Shapefile) [http://www.pis.uns.ac.rs/interreg/HR_RS_DU_AFP05/HR_RS_DU_AFP05.shp](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

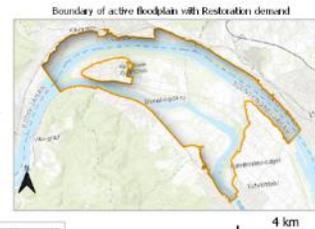
HU_DU_AFP01 Szentendrei-sz. North
 Danube

 Country: **Hungary** Centroid: **47.798°N 19.056°E**
 Type: **active floodplain** River kilometre: **1691.9 - 1679.1**
 Floodplain length: **13.4 km** Floodplain area: **32.3 km²** HQ₁₀₀: **9412 m³/s**

FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF) https://www.pis.integr.eu/interreg/EN/03/04/2/01_AFP01.pdf
 Download floodplain about (ESRI Shapefile) https://www.pis.integr.eu/interreg/EN/03/04/2/01_AFP01.shp



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

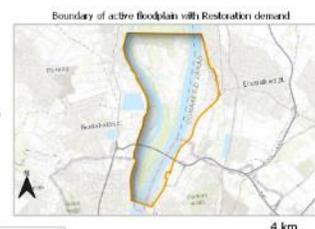
HU_DU_AFP02 Szentendrei-sz. South
 Danube

 Country: **Hungary** Centroid: **47.627°N 19.096°E**
 Type: **active floodplain** River kilometre: **1665.1 - 1657.5**
 Floodplain length: **7.9 km** Floodplain area: **18.2 km²** HQ₁₀₀: **9352 m³/s**

FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF) https://www.pis.integr.eu/interreg/EN/03/04/2/01_AFP02.pdf
 Download floodplain about (ESRI Shapefile) https://www.pis.integr.eu/interreg/EN/03/04/2/01_AFP02.shp



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP03 Csepel-sziget
 Danube

Country: **Hungary** Centroid: **47.231°N 18.919°E**
 Type: **active floodplain** River kilometre: **1636.6 - 1590.8**
 Floodplain length: **45.9 km** Floodplain area: **70.8 km²** HQ₁₀₀: **9272 m³/s**

FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univie.ac.at/interreg/EN/03/03_AFP03.pdf](#)  Download floodplain object (ESRI Shapefile) [http://www.pis.univie.ac.at/interreg/EN/03/03_AFP03.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low



FEM-EVALUATION:
 based on minimum parameters


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP04 Dunaújváros
 Danube

Country: **Hungary** Centroid: **46.97°N 18.957°E**
 Type: **active floodplain** River kilometre: **1590.8 - 1564.8**
 Floodplain length: **26.4 km** Floodplain area: **44.7 km²** HQ₁₀₀: **9084 m³/s**

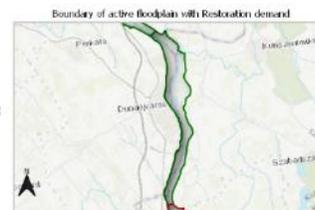
FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univie.ac.at/interreg/EN/03/03_AFP04.pdf](#)  Download floodplain object (ESRI Shapefile) [http://www.pis.univie.ac.at/interreg/EN/03/03_AFP04.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low



FEM-EVALUATION:
 based on minimum parameters


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP05 Dunaföldvár
Danube

Country: **Hungary** Centroid: **46.74°N 18.977°E**
 Type: **active floodplain** River kilometre: **1564.8 - 1535.8**
 Floodplain length: **29.6 km** Floodplain area: **63.8 km²** HQ₁₀₀: **9022 m³/s**



FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about \(BRI\) \(Word\)](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP06 Paks
Danube

Country: **Hungary** Centroid: **46.598°N 18.881°E**
 Type: **active floodplain** River kilometre: **1535.8 - 1520.7**
 Floodplain length: **14.4 km** Floodplain area: **20.3 km²** HQ₁₀₀: **8871 m³/s**

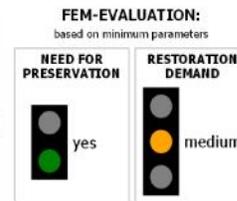


FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about \(BRI\) \(Word\)](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

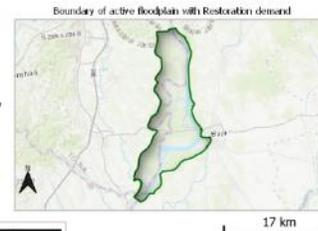


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP07 Veránka-sziget
 Danube

 Country: **Hungary** Centroid: **46.217°N 18.871°E**
 Type: **active floodplain** River kilometre: **1498.1 - 1462.7**
 Floodplain length: **36.3 km** Floodplain area: **159 km²** HQ₁₀₀: **8741 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univie.ac.at/interreg/DFP/03/01/214_AFP07.pdf](#)  Download floodplain (about 6918 9 km²) [http://www.pis.univie.ac.at/interreg/DFP/03/01/214_AFP07.shp](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters

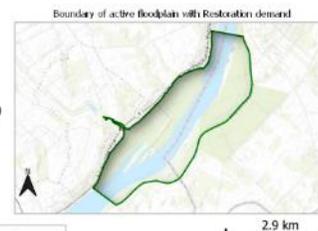


Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_AFP08 Bezerédy-sziget
 Danube

 Country: **Hungary** Centroid: **46.054°N 18.74°E**
 Type: **active floodplain** River kilometre: **1458.9 - 1452.9**
 Floodplain length: **6.2 km** Floodplain area: **9 km²** HQ₁₀₀: **8382 m³/s**



FEM PARAMETER:  Download detailed report (PDF) [http://www.pis.univie.ac.at/interreg/DFP/03/01/214_AFP08.pdf](#)  Download floodplain (about 6918 9 km²) [http://www.pis.univie.ac.at/interreg/DFP/03/01/214_AFP08.shp](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_PFP01 Szigetköz
 Danube

Country: **Hungary** Centroid: **47.88°N 17.487°E**

Type: **potential floodplain** River kilometre: **1851.8 - 1797**

Floodplain length: **54.8 km** Floodplain area: **157.1 km²** HQ₁₀₀: **10425 m³/s**



FEM PARAMETER:

Minimum Parameter Set:  [Download detailed report \(PDF\)](#)  [Download floodplain about \(BRI 9/202\)](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_PFP02 Paks
 Danube

Country: **Hungary** Centroid: **46.601°N 18.883°E**

Type: **potential floodplain** River kilometre: **1535.8 - 1520.7**

Floodplain length: **15.1 km** Floodplain area: **22.1 km²** HQ₁₀₀: **8865 m³/s**



FEM PARAMETER:

Minimum Parameter Set:  [Download detailed report \(PDF\)](#)  [Download floodplain about \(BRI 9/202\)](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

high

medium

low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION

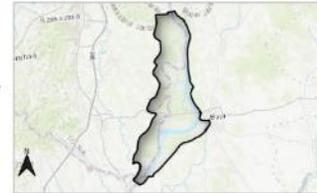


Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_PFP03 Veránka-sziget Danube

Country: **Hungary** Centroid: **46.216°N 18.871°E**
 Type: **potential floodplain** River kilometre: **1498.1 - 1462.7**
 Floodplain length: **35.4 km** Floodplain area: **161.7 km²** HQ₁₀₀: **8732 m³/s**



FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about \(BRI\) \(Word\)](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_DU_PFP04 Béda-Karapnacs Danube

Country: **Hungary** Centroid: **45.912°N 18.793°E**
 Type: **potential floodplain** River kilometre: **1444 - 1425**
 Floodplain length: **nodata** Floodplain area: **54.7 km²** HQ₁₀₀: **8300 m³/s**



FEM PARAMETER: [Download detailed report \(PDF\)](#) [Download floodplain about \(BRI\) \(Word\)](#)
 Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



FEM-EVALUATION:
based on minimum parameters



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_SK_DU_AFP03 Almásfüzitő Danube

Country: **Slovakia / Hungary** Centroid: **47.727°N 18.296°E**
 Type: **active floodplain** River kilometre: **1756 - 1751.3**
 Floodplain length: **4 km** Floodplain area: **8.3 km²** HQ₁₀₀: **9293 m³/s**

FEM PARAMETER:  [Download detailed report \(PDF\)](#)  [Download floodplain data \(ESRI Shapefile\)](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low



FEM-EVALUATION:
 based on minimum parameters



Danube Floodplain Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_SK_DU_AFP04 Esztergom Danube

Country: **Slovakia / Hungary** Centroid: **47.76°N 18.665°E**
 Type: **active floodplain** River kilometre: **1732.1 - 1719.4**
 Floodplain length: **12.3 km** Floodplain area: **31.2 km²** HQ₁₀₀: **9176 m³/s**

FEM PARAMETER:  [Download detailed report \(PDF\)](#)  [Download floodplain data \(ESRI Shapefile\)](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low



FEM-EVALUATION:
 based on minimum parameters



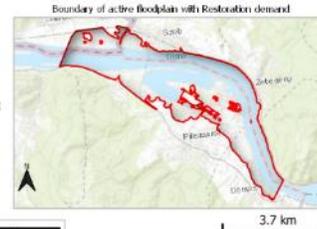
Danube Floodplain Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

HU_SK_DU_AFP05 Pilismarót
 Danube



 Country: **Slovakia / Hungary** Centroid: **47.802°N 18.875°E**
 Type: **active floodplain** River kilometre: **1710.1 - 1699.8**
 Floodplain length: **10.5 km** Floodplain area: **14.9 km²** HQ₁₀₀: **9473 m³/s**


FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF) [http://www.pislimarot.hu/interreg/EN/EN_SK_DU_AFP05.pdf](#)
 Download floodplain object (ESRI Shapefile) [http://www.pislimarot.hu/interreg/EN/EN_SK_DU_AFP05.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

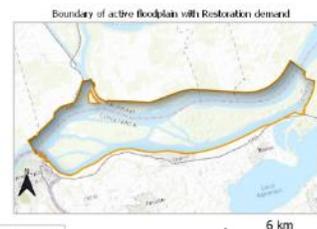
FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_AFP01 Calarasi area
 Danube


 Country: **Romania** Centroid: **44.125°N 27.37°E**
 Type: **active floodplain** River kilometre: **375 - 356**
 Floodplain length: **17.7 km** Floodplain area: **50.3 km²** HQ₁₀₀: **nodata**


FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF) [http://www.pislimarot.hu/interreg/EN/EN_SK_DU_AFP05.pdf](#)
 Download floodplain object (ESRI Shapefile) [http://www.pislimarot.hu/interreg/EN/EN_SK_DU_AFP05.shp](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
 high
 medium
 low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_AFP02 Oltilna - Rasova area
Danube

 Floodplain length: **31.2 km**

 Country: **Romania**

 Centroid: **44.226°N 27.714°E**

 Type: **active floodplain**

 River kilometre: **345 - 313.5**

 Floodplain area: **79.4 km²**

 HQ₁₀₀: **nodata**
FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

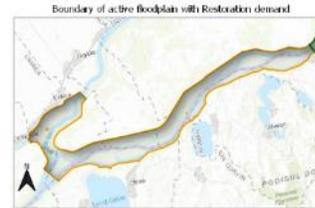
 Download floodplain object (BRI 9100)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_AFP03 Rasova - Cernavoda - Harsova area
Danube

 Floodplain length: **58.6 km**

 Country: **Romania**

 Centroid: **44.475°N 28.031°E**

 Type: **active floodplain**

 River kilometre: **313.5 - 252.5**

 Floodplain area: **93.6 km²**

 HQ₁₀₀: **nodata**
FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

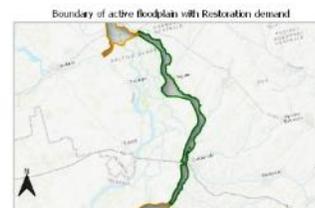
 Download floodplain object (BRI 9100)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low


FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_AFP04 Harsova - Braila area
 Danube

 Floodplain length: **77.9 km**

 Country: **Romania**

 Centroid: **44.901°N 27.903°E**

 Type: **active floodplain**

 River kilometre: **252.5 - 172**

 Floodplain area: **298.8 km²**

 HQ₁₀₀: **nodata**
FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

[http://www.pis.univ-bucuresti.ro/interreg/FILES/RO_DU_AFP04.pdf](#)
 Download floodplain about (BRI 9/2020)

[http://www.pis.univ-bucuresti.ro/interreg/FILES/RO_DU_AFP04.pdf](#)

Boundary of active floodplain with Restoration demand



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_PFP01 Borcea Buliga
 Danube

 Floodplain length: **6.3 km**

 Country: **Romania**

 Centroid: **44.342°N 27.79°E**

 Type: **potential floodplain**

 River kilometre: **nodata**

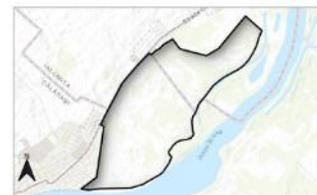
 Floodplain area: **8.6 km²**

 HQ₁₀₀: **nodata**
FEM PARAMETER:

Minimum Parameter Set:

 Download detailed report (PDF)

[http://www.pis.univ-bucuresti.ro/interreg/FILES/RO_DU_PFP01.pdf](#)
 Download floodplain about (BRI 9/2020)

[http://www.pis.univ-bucuresti.ro/interreg/FILES/RO_DU_PFP01.pdf](#)


Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_PFP04 Tichilesti
Danube



Country: **Romania** Centroid: **44.915°N 27.904°E**

Type: **potential floodplain** River kilometre: **nodata**

Floodplain length: **77.9 km**

Floodplain area: **318.1 km²**

HQ₁₀₀: **nodata**



FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)
[http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Download floodplain about (BRI 8/100)
[http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RO_DU_PFP05 Cotu Pisicii
Danube



Country: **Romania** Centroid: **45.444°N 28.168°E**

Type: **potential floodplain** River kilometre: **nodata**

Floodplain length: **5.5 km**

Floodplain area: **11.6 km²**

HQ₁₀₀: **nodata**



FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)
[http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Download floodplain about (BRI 8/100)
[http://www.interreg-danube.eu/interreg-danube-floodplain](#)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



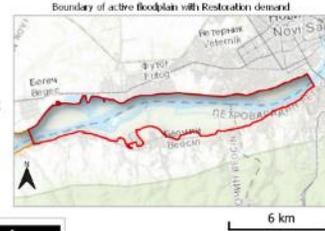
Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_AFP01 Futog-Beočin
Danube

Country: **Serbia** Centroid: **45.224°N 19.729°E**
 Type: **active floodplain** River kilometre: **1275.8 - 1258.2**
 Floodplain length: **16.8 km** Floodplain area: **34.8 km²** HQ₁₀₀: **8367 m³/s**

FEM PARAMETER:  Download detailed report (PDF) https://www.pis.gov.rs/eng/interreg/RS_DU_AFP01.pdf  Download floodplain abstract (BRI) (Word) https://www.pis.gov.rs/eng/interreg/RS_DU_AFP01.pdf



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



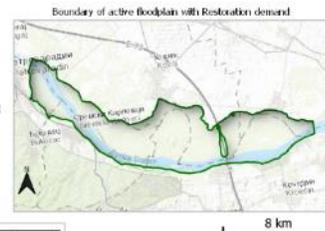
Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_AFP02 Koviljsko-petrovaradinski rit
Danube

Country: **Serbia** Centroid: **45.195°N 20.028°E**
 Type: **active floodplain** River kilometre: **1250.7 - 1224.8**
 Floodplain length: **25.2 km** Floodplain area: **74.8 km²** HQ₁₀₀: **8338 m³/s**

FEM PARAMETER:  Download detailed report (PDF) https://www.pis.gov.rs/eng/interreg/RS_DU_AFP02.pdf  Download floodplain abstract (BRI) (Word) https://www.pis.gov.rs/eng/interreg/RS_DU_AFP02.pdf



Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_AFP03

Novi Banovci

Danube

 Country: **Serbia**

 Centroid: **44.928°N 20.333°E**

 Type: **active floodplain**

 River kilometre: **1195.5 - 1176.8**

 Floodplain length: **17.3 km**

 Floodplain area: **27.7 km²**

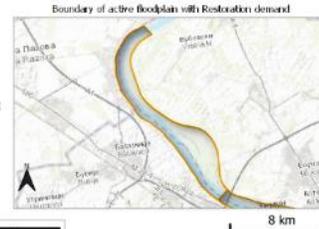
 HQ₁₀₀: **11265 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)

[http://www.pis.gov.rs/eng/interreg/RS_DU_AFP03.pdf](#)

Download floodplain about (ESRI Shapefile)

[http://www.pis.gov.rs/eng/interreg/RS_DU_AFP03.zip](#)


Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_AFP04

Beograd

Danube

 Country: **Serbia**

 Centroid: **44.844°N 20.436°E**

 Type: **active floodplain**

 River kilometre: **1176.8 - 1166.5**

 Floodplain length: **10.4 km**

 Floodplain area: **18.4 km²**

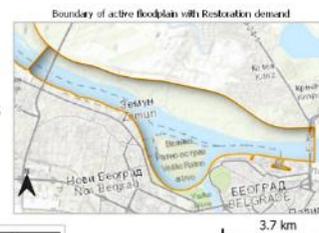
 HQ₁₀₀: **15261 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)

[http://www.pis.gov.rs/eng/interreg/RS_DU_AFP04.pdf](#)

Download floodplain about (ESRI Shapefile)

[http://www.pis.gov.rs/eng/interreg/RS_DU_AFP04.zip](#)


Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
high
medium
low

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_AFP05 Pančevo
 Danube

 Country: **Serbia**

 Centroid: **44.829°N 20.616°E**

 Floodplain length: **16.1 km**

 Type: **active floodplain**

 River kilometre: **1160.9 - 1145.3**

 Floodplain area: **43.2 km²**

 HQ₁₀₀: **15223 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

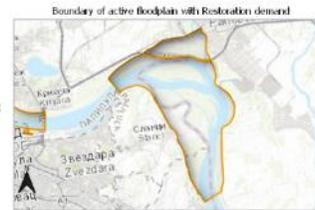
Download detailed report (PDF)

Download floodplain about (BRI Report)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



7 km

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_PFP01 Siga - Kazuk
 Danube

 Country: **Serbia**

 Centroid: **45.775°N 18.919°E**

 Floodplain length: **16 km**

 Type: **potential floodplain**

 River kilometre: **1425 - 1409**

 Floodplain area: **60.6 km²**

 HQ₁₀₀: **7906 m³/s**
FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)

Download floodplain about (BRI Report)

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	



8 km

FEM-EVALUATION:
 based on minimum parameters

Danube Floodplain
 Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_PFP02
Danube

Vajska



Country: **Serbia** Centroid: **45.455°N 19.11°E**

Floodplain length: **3 km**

Type: **potential floodplain** River kilometre: **1364 - 1361**

Floodplain area: **59.9 km²** HQ₁₀₀: **8454 m³/s**



FEM PARAMETER:

Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/RS_DU_PFP02.pdf](#) Download floodplain about (BRI) (Shape) [http://www.pis.uns.ac.rs/interreg/RS_DU_PFP02.shp](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

RS_DU_PFP03
Danube

Kamarište



Country: **Serbia** Centroid: **45.403°N 19.054°E**

Floodplain length: **37 km**

Type: **potential floodplain** River kilometre: **1361 - 1324**

Floodplain area: **100.7 km²** HQ₁₀₀: **8415 m³/s**



FEM PARAMETER:

Download detailed report (PDF) [http://www.pis.uns.ac.rs/interreg/RS_DU_PFP03.pdf](#) Download floodplain about (BRI) (Shape) [http://www.pis.uns.ac.rs/interreg/RS_DU_PFP03.shp](#)

Minimum Parameter Set:

Hydrology	Hydraulics	Ecology	Socio-Economics
Peak reduction	Water level change	Connectivity of floodplain water bodies	Potentially affected buildings
Flood wave translation		Existence of protected species	Land use

Additional Parameter Set:

Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Presence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance

- high
- medium
- low

FEM-EVALUATION:
based on minimum parameters

NEED FOR PRESERVATION



Danube Floodplain
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Disclaimer: The information in these documents are those of the author(s) (DTP project Lead Partners and partners) and do not necessarily reflect the official opinion of the European Union, Danube Transnational Programme, neither the European Union, Danube Transnational Programme institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.