RS_DU_AFP05
Danube

Pančevo

Country: **Serbia**

Type: **active floodplain**

Floodplain length: **16.1 km**

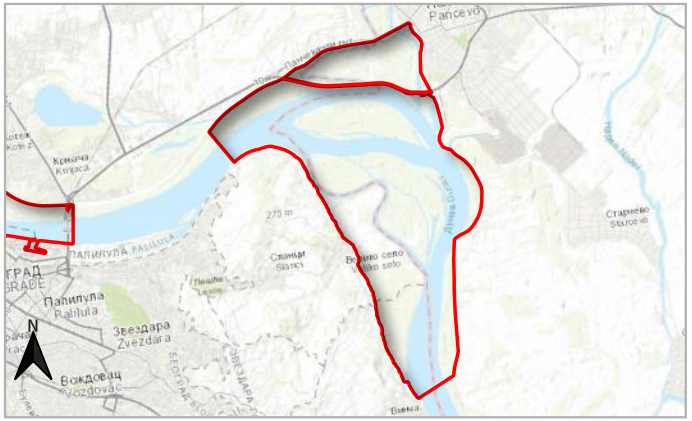
Floodplain area: **43.2 km²**

Centroid: **44.829°N 20.616°E**

River kilometre: **1160.9 - 1145.3**

HQ_{100} : **15223 m³/s**

Boundary of active floodplain with Restoration demand



Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/RS_DU_AFP05.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/RS_DU_AFP.zip

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:

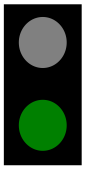
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

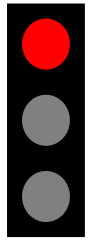
based on minimum parameters

NEED FOR PRESERVATION



yes

RESTORATION DEMAND



high

Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

BG_RO_DU_AFP01 Danube

RO: Ostroveni - Bistret area; BG: Kozlodui - Oreahovo area

Country: **Bulgaria / Romania**

Centroid: **43.779°N 23.811°E**

Type: **active floodplain**

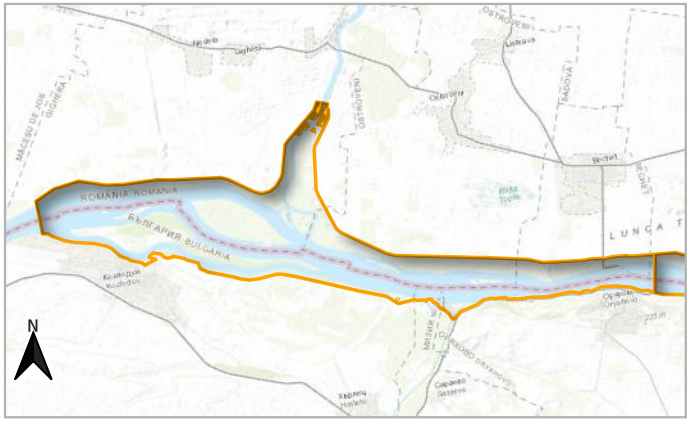
River kilometre: **703 - 677**

Floodplain length: **25.2 km**

Floodplain area: **60.1 km²**

HQ_{100} : **nodata**

Boundary of active floodplain with Restoration demand



Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_DU_AFP01.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.zip

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:

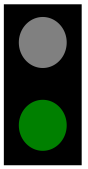
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

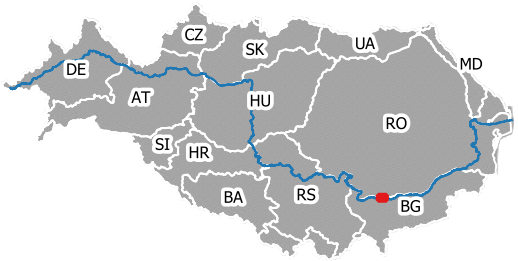
NEED FOR PRESERVATION



yes

RESTORATION DEMAND

medium



Danube Floodplain

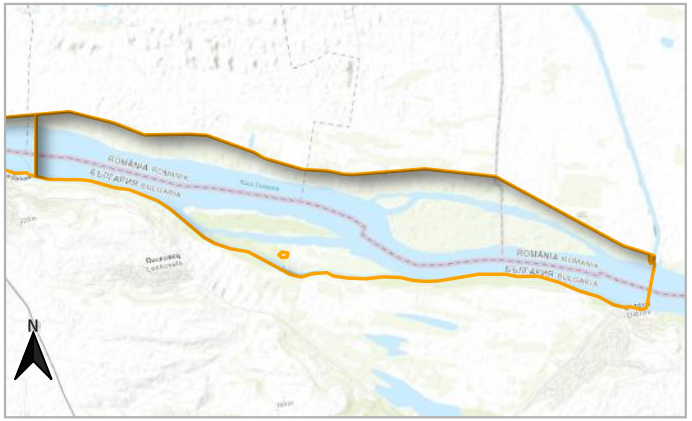
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

BG_RO_DU_AFP02 Danube

RO:Dabuleni area; BG:Leskovet - Ostrov area

Boundary of active floodplain with Restoration demand



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**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_DU_AFP02.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.zip

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:

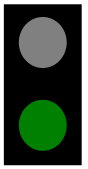
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

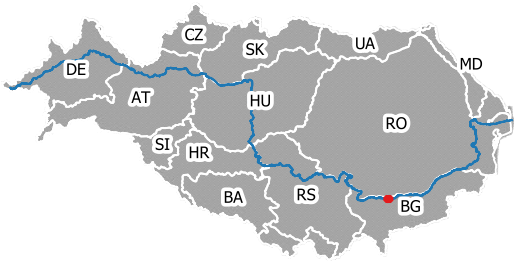
NEED FOR PRESERVATION



yes

RESTORATION DEMAND

medium



Danube Floodplain

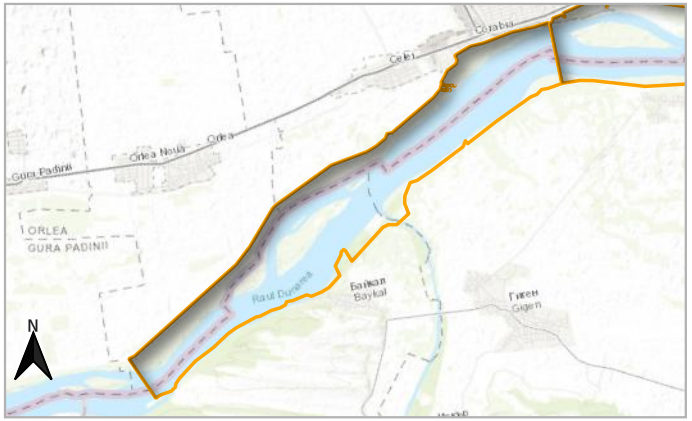
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

BG_RO_DU_AFP03 Danube

RO: upstream from Corabia; BG: Baikal - Ghighen area

Boundary of active floodplain with Restoration demand



6 km

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**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_DU_AFP03.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.zip

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:

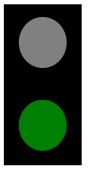
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

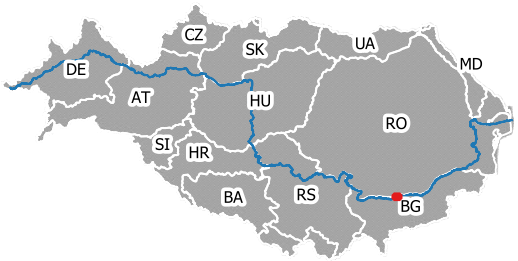
NEED FOR PRESERVATION



yes

RESTORATION DEMAND

medium



Danube Floodplain

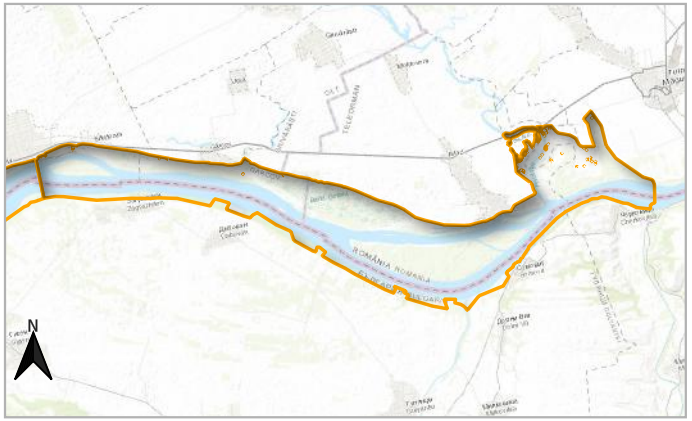
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

BG_RO_DU_AFP04 Danube

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

Boundary of active floodplain with Restoration demand



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**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_DU_AFP04.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.zip

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:

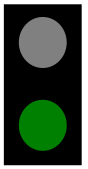
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

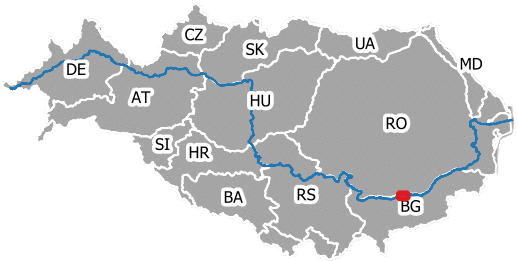
NEED FOR PRESERVATION



yes

RESTORATION DEMAND

medium



Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

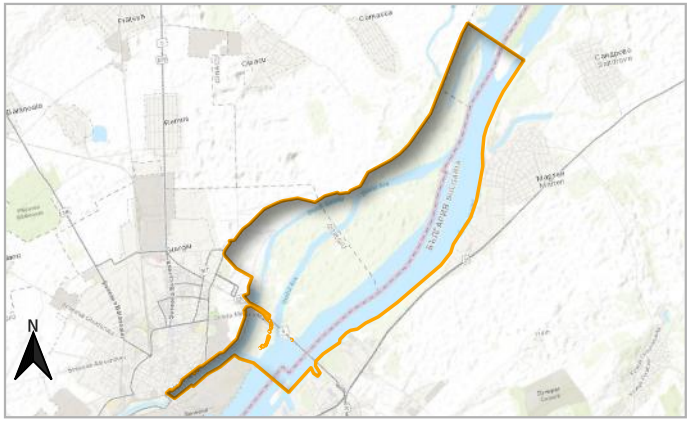
BG_RO_DU_AFP05 RO: Giurgiu area; BG: Marten area Danube

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** HQ_{100} : **nodata**

Boundary of active floodplain with Restoration demand



FEM PARAMETER:

Download detailed report (PDF)
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Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

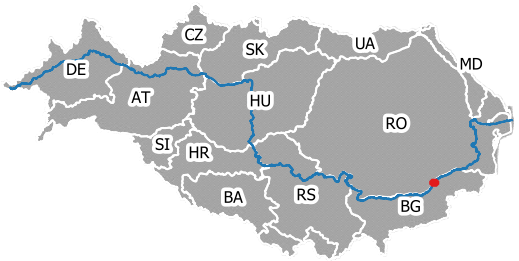
FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION: yes

RESTORATION DEMAND: medium



Danube Floodplain

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

Interreg Danube Transnational Programme
Danube Floodplain

BG_RO_DU_AFP06 Danube

RO: Chiselet-Dorobantu area; BG: Popina area

Country: **Bulgaria / Romania**

Centroid: **44.136°N 26.93°E**

Type: **active floodplain**

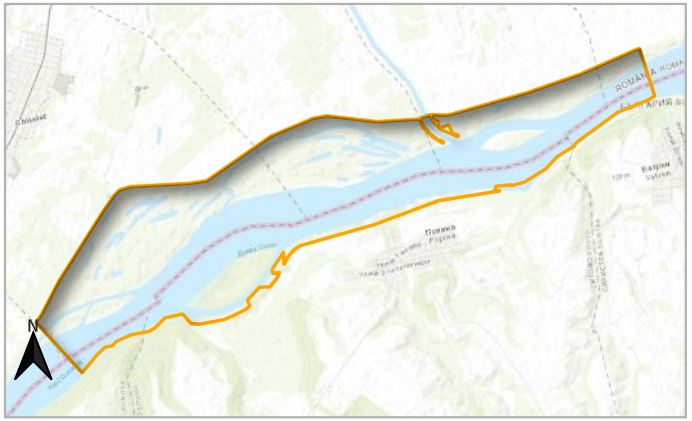
River kilometre: **412 - 395.5**

Floodplain length: **14.9 km**

Floodplain area: **33.6 km²**

HQ_{100} : **nodata**

Boundary of active floodplain with Restoration demand



FEM PARAMETER:

Minimum Parameter Set:

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_DU_AFP06.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/BG_RO_AFP.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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

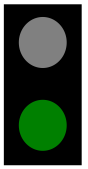
FEM performance

- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

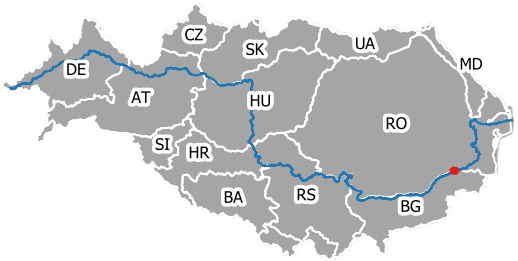
NEED FOR PRESERVATION



yes

RESTORATION DEMAND

medium



Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

RO_DU_AFP01
Danube

Calarasi area

Boundary of active floodplain with Restoration demand

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**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP01.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP.zip

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:

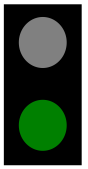
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

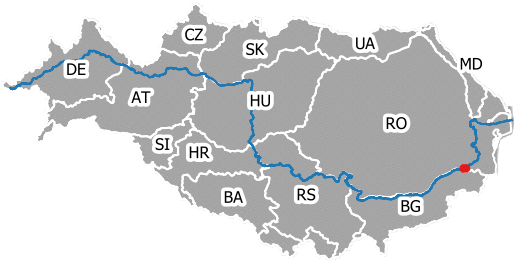
FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION



RESTORATION DEMAND



Danube Floodplain

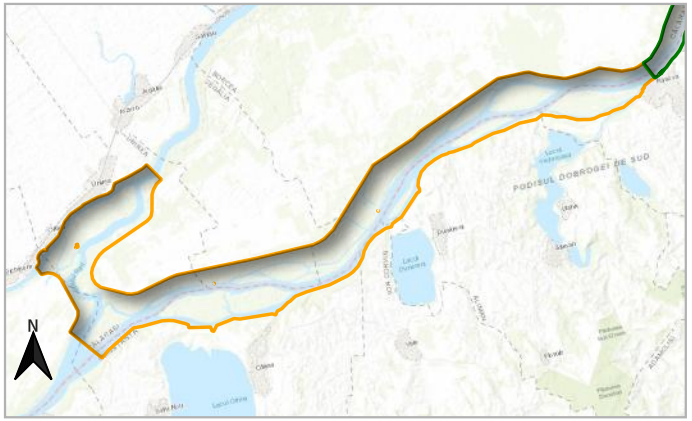
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

RO_DU_AFP02
Danube

Oltina - Rasova area

Boundary of active floodplain with Restoration demand



Country: **Romania**

Centroid: **44.226°N 27.714°E**

Type: **active floodplain**

River kilometre: **345 - 313.5**

Floodplain length: **31.2 km**

Floodplain area: **79.4 km²**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP02.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP.zip

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:

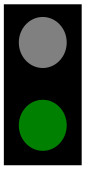
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

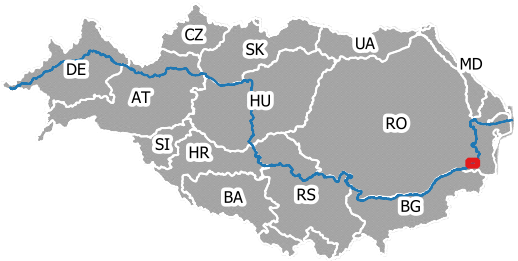
FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION



RESTORATION DEMAND



Danube Floodplain

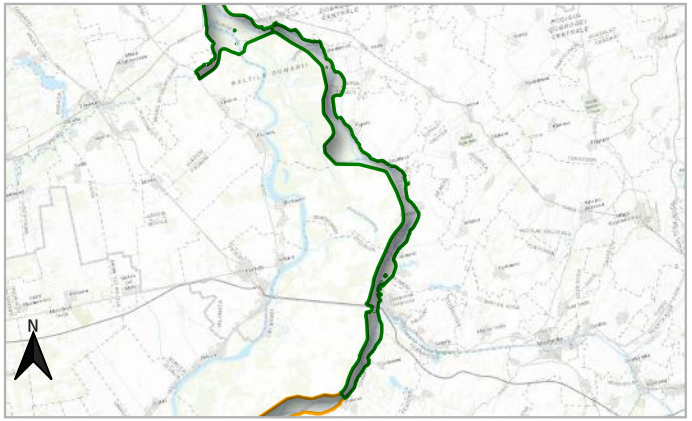
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

RO_DU_AFP03
Danube

Rasova - Cernavoda - Harsova area

Boundary of active floodplain with Restoration demand



Country: **Romania**

Centroid: **44.475°N 28.031°E**

Type: **active floodplain**

River kilometre: **313.5 - 252.5**

Floodplain length: **58.6 km**

Floodplain area: **93.6 km²**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP03.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP.zip

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:

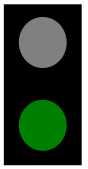
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

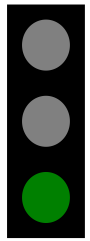
FEM-EVALUATION:

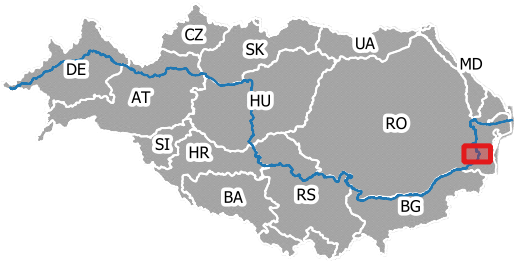
based on minimum parameters

NEED FOR PRESERVATION



RESTORATION DEMAND





Danube Floodplain

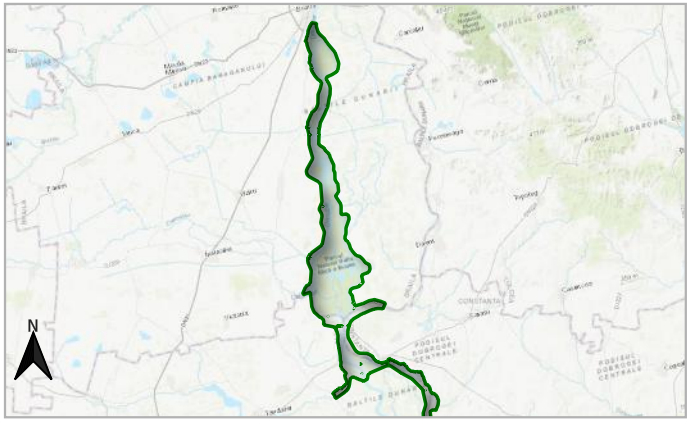
Reducing the flood risk through floodplain restoration along the Danube River and tributaries

Interreg
Danube Transnational Programme
Danube Floodplain

RO_DU_AFP04
Danube

Harsova - Braila area

Boundary of active floodplain with Restoration demand



Country: **Romania**

Centroid: **44.901°N 27.903°E**

Type: **active floodplain**

River kilometre: **252.5 - 172**

Floodplain length: **77.9 km**

Floodplain area: **298.8 km²**

HQ_{100} : **nodata**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP04.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/RO_DU_AFP.zip

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:

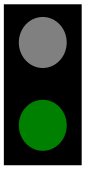
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

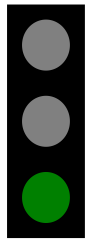
FEM-EVALUATION:

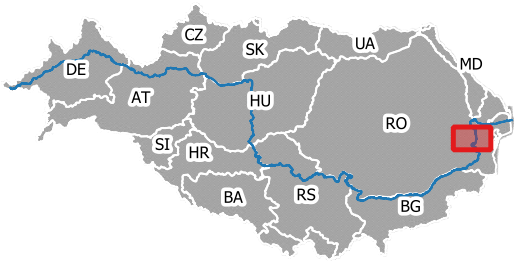
based on minimum parameters

NEED FOR PRESERVATION



RESTORATION DEMAND





Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

DE_DU_PFP01
Danube

Oberelchingen - Lech

Country: **Germany**

Centroid: **48.601°N 10.587°E**

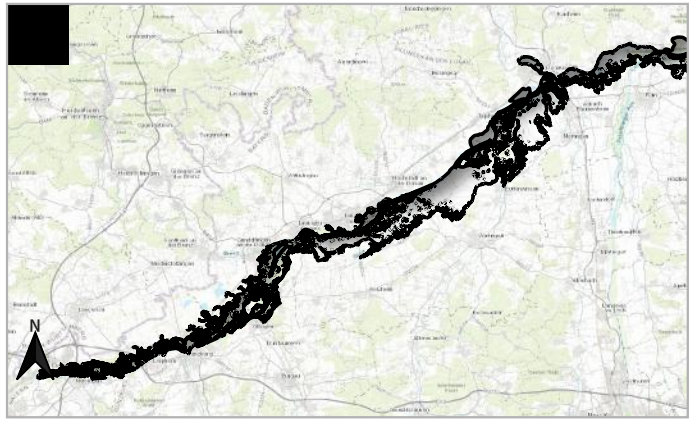
Type: **potential floodplain**

River kilometre: **nodata**

Floodplain length: **nodata**

Floodplain area: **167 km²**

HQ_{100} : **1250 m³/s**



Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP01.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

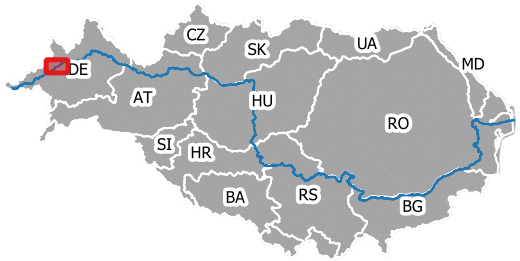
FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION

yes



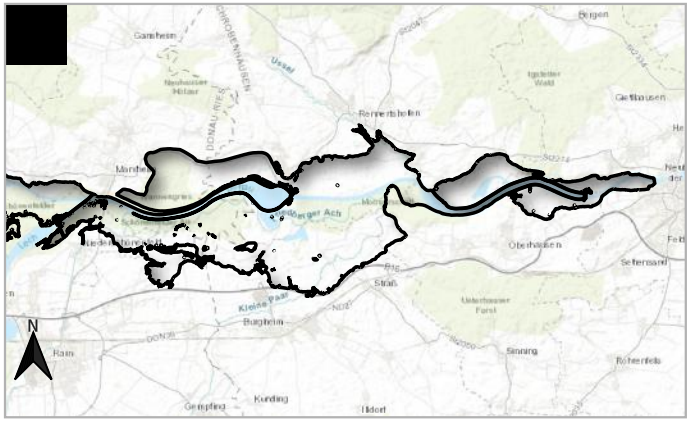
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

DE_DU_PFP02
Danube

Lech - Neuburg



Country: **Germany**

Centroid: **48.731°N 11.027°E**

Type: **potential floodplain**

River kilometre: **nodata**

Floodplain length: **nodata**

Floodplain area: **37.4 km²**

HQ_{100} : **2100 m³/s**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP02.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

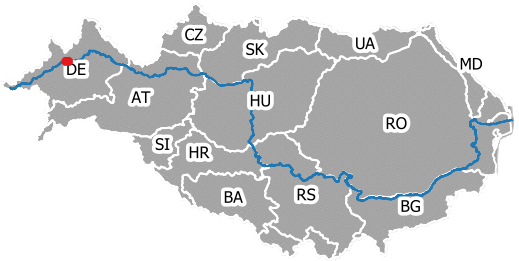
FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION

yes



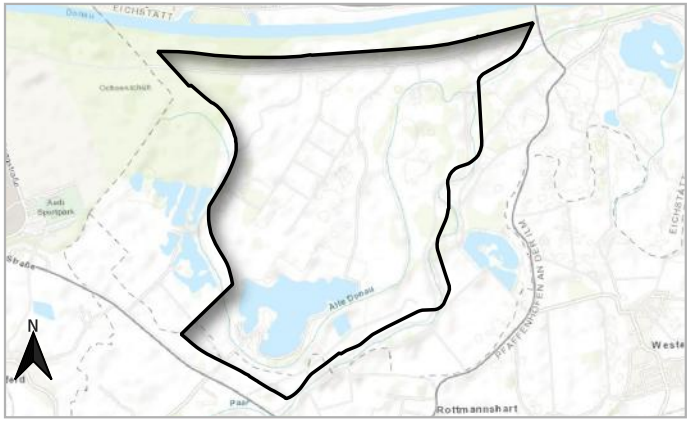
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

DE_DU_PFP03
Danube

Großmehring



Country: **Germany**

Centroid: **48.746°N 11.516°E**

Type: **potential floodplain**

River kilometre: **nodata**

Floodplain length: **nodata**

Floodplain area: **4.9 km²**

HQ_{100} : **2100 m³/s**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP03.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

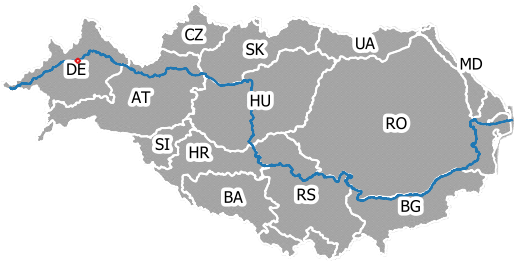
FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION

yes



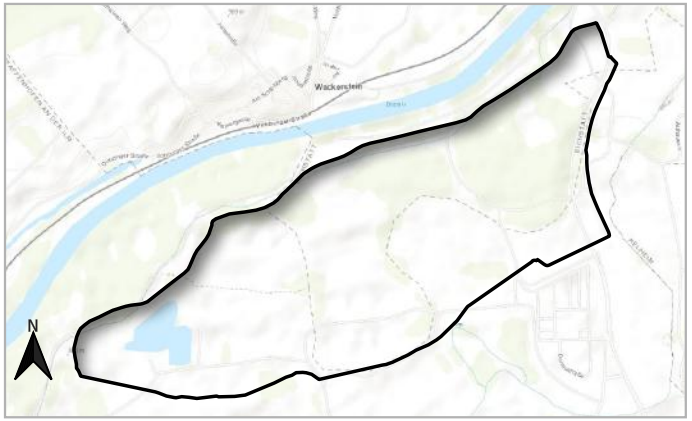
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

DE_DU_PFP04
Danube

Katzau



Country: **Germany**

Centroid: **48.781°N 11.675°E**

Type: **potential floodplain**

River kilometre: **nodata**

Floodplain length: **nodata**

Floodplain area: **3.1 km²**

HQ_{100} : **2100 m³/s**

FEM PARAMETER:

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP04.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP.zip

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:

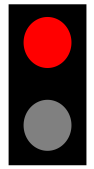
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

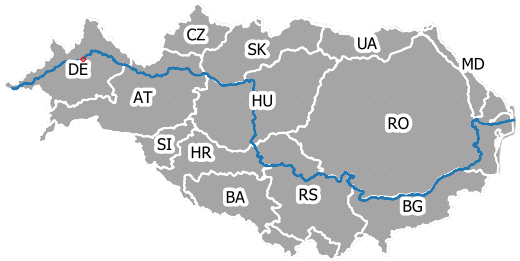
FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION



no



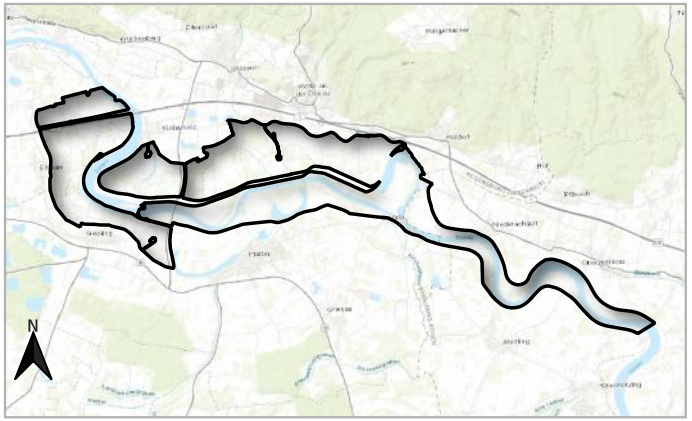
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

DE_DU_PFP05
Danube

Geisling/Gmünd



Country: **Germany**

Centroid: **48.979°N 12.391°E**

Type: **potential floodplain**

River kilometre: **nodata**

Floodplain length: **nodata**

Floodplain area: **25 km²**

HQ_{100} : **3400 m³/s**

FEM PARAMETER:

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP05.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/DE_DU_PFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

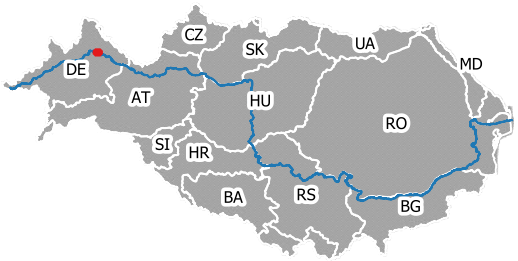
FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION

yes



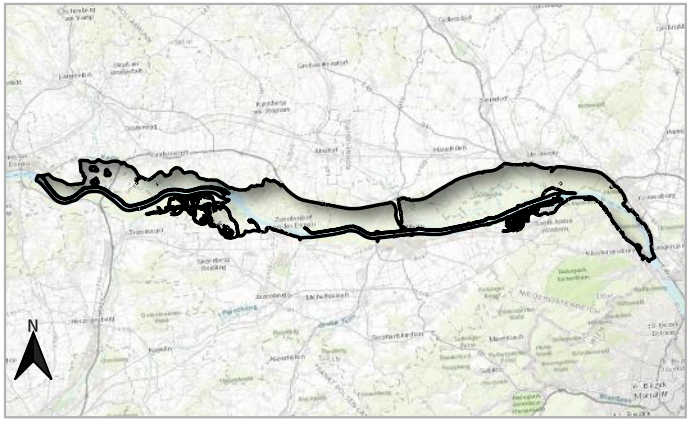
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

AT_DU_PFP01
Danube

Krems - Wien



Country: **Austria**

Centroid: **48.362°N 16.019°E**

Type: **potential floodplain**

River kilometre: **1999.5 - 1938**

Floodplain length: **60 km**

Floodplain area: **160.7 km²**

HQ_{100} : **11200 m³/s**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/AT_DU_PFP01.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/AT_DU_PFP.zip

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:

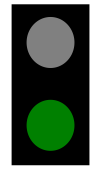
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION



yes

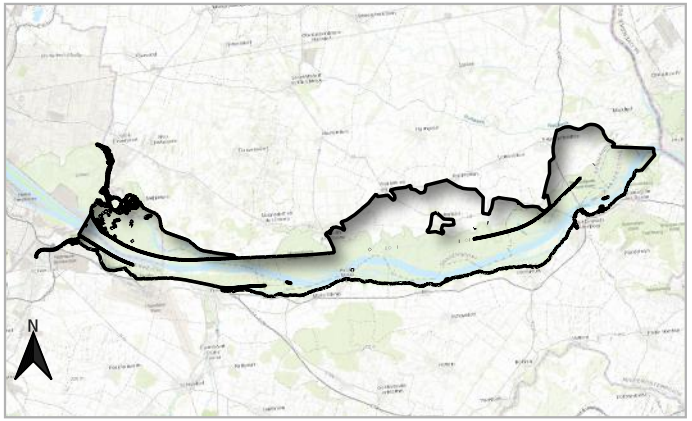
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

AT_DU_PFP02
Danube

Wien - Devin



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**

HQ_{100} : **10400 m³/s**

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/AT_DU_PFP02.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/AT_DU_PFP.zip

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	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

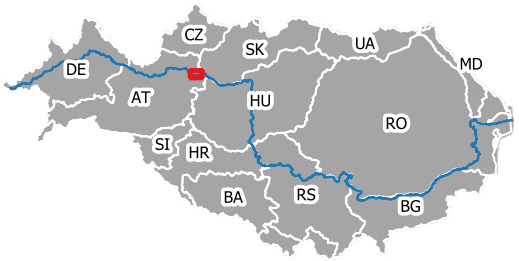
FEM performance
- high
- medium
- low

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

Interreg
Danube Transnational Programme
Danube Floodplain

HU_DU_PFP01 Szigetköz
Danube

Country: **Hungary**

Centroid: **47.88°N 17.487°E**

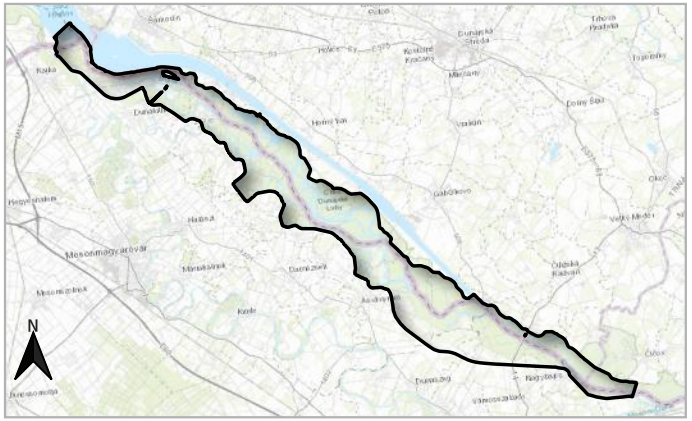
Type: **potential floodplain**

River kilometre: **1851.8 - 1797**

Floodplain length: **54.8 km**

Floodplain area: **157.1 km²**

HQ_{100} : **10425 m³/s**



Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/HU_DU_PFP01.pdf

Download floodplain object (ESRI Shape)
http://www.geo.u-szeged.hu/images/DFGIS/HU_DU_PFP.zip

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:

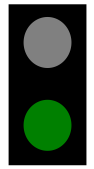
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

FEM performance
- high
- medium
- low

FEM-EVALUATION:

based on minimum parameters

NEED FOR PRESERVATION



yes

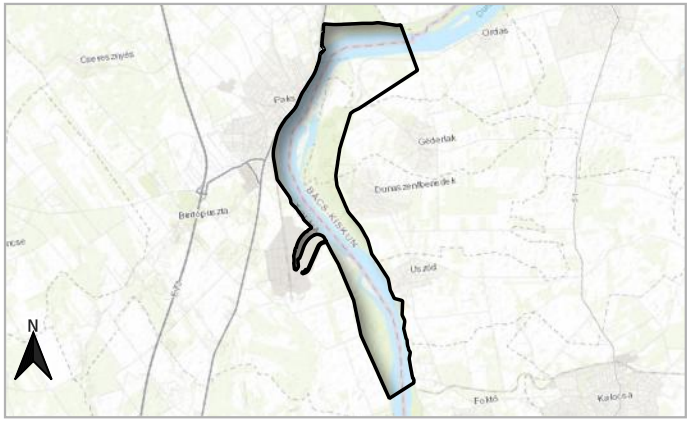
Danube Floodplain

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

Interreg
Danube Transnational Programme
Danube Floodplain

HU_DU_PFP02
Danube

Paks



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**

HQ_{100} : **8865 m³/s**

FEM PARAMETER:

Download detailed report (PDF)
http://www.geo.u-szeged.hu/images/DFGIS/HU_DU_PFP02.pdf

Download floodplain object (ESRI Shape)
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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:

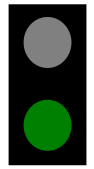
Effects in case of extreme discharges	Flow velocity	Existence of protected habitats	Precence of documented planning interests
	Bottom shear stress	Vegetation naturalness	
		Water level dynamics	
		Potential for typical habitats	
		Ecological water body status	

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

Interreg
Danube Transnational Programme
Danube Floodplain