

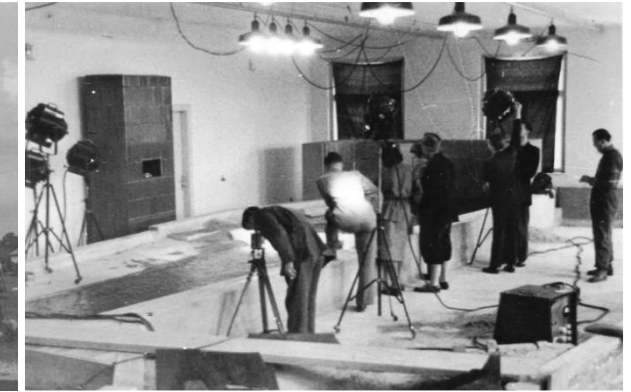
Institute for Hydraulic Research

Research
areas

Decades of experience

The institute was established in **1937**.

In 1995 it was legally formed as a **public research institute**.



Projects

➤ Economic projects

- design and other hydraulic engineering companies, Slovenian Water Agency, foreign clients, ...

➤ European territorial cooperation (ETC) projects

- project partner of the FRISCO1 project under the programme Interreg V-A Slovenia-Croatia
- lead partner of the RENATA project under the programme Interreg V-A Slovenia-Austria

➤ LIFE program

- project partner of the project LIFE IP ReStart under the LIFE programme



*Confluence of the Krka
and Sava rivers*

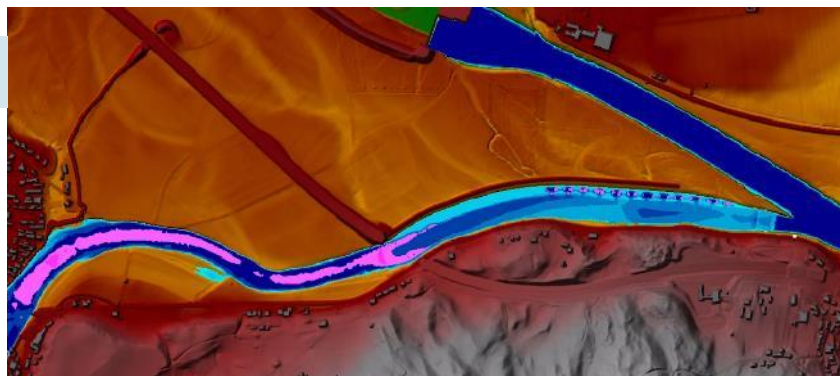


Areas of work of the Hidroinštitut

physical modelling



numerical modelling

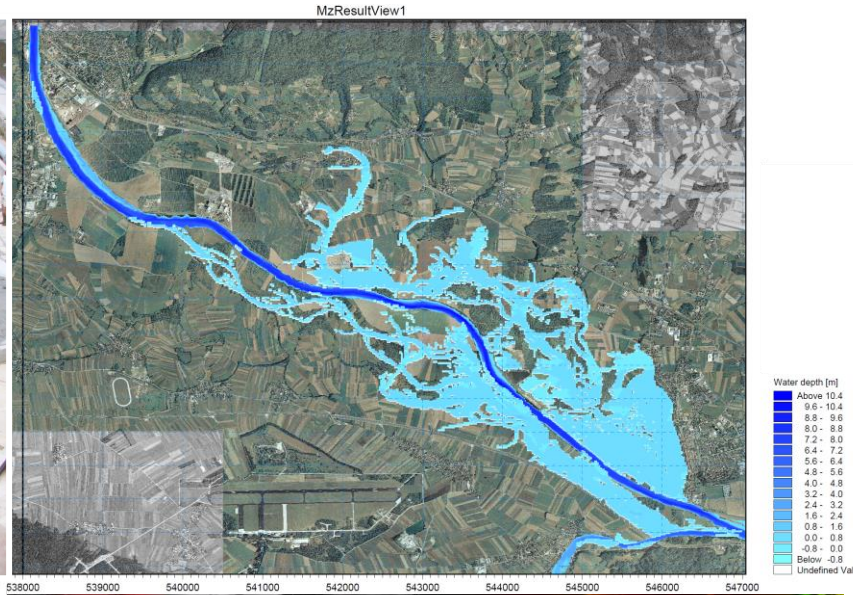


- Hydraulic modelling studies
- Measurement facilities
- Expert opinions



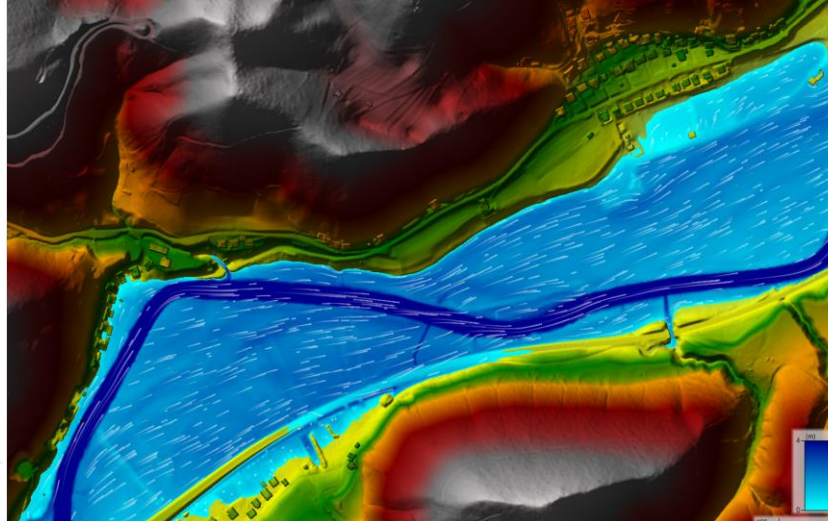
Flood protection facilities

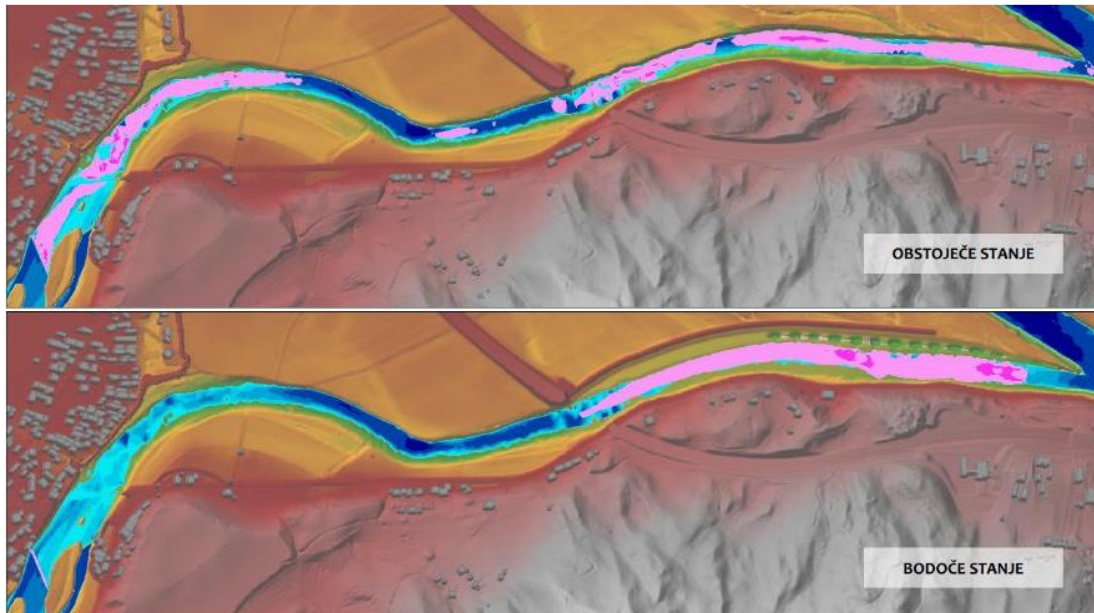
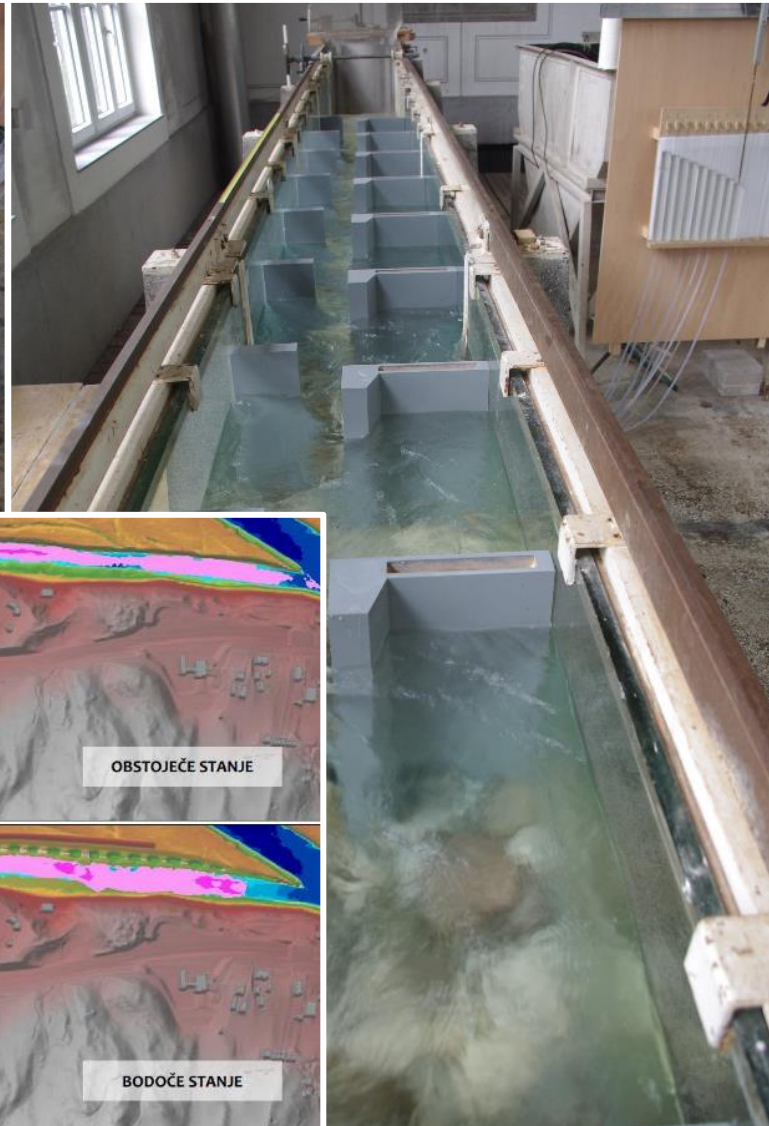
Flood protection dam under the Suša River in Železniki



Flood hazard and flood risk mapping

Brežice/Mokrice plain,
Sotla basin





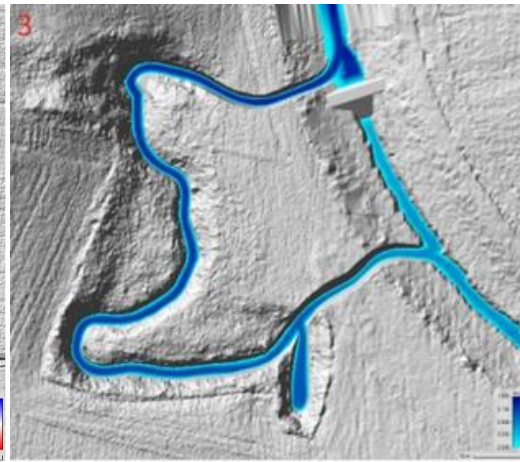
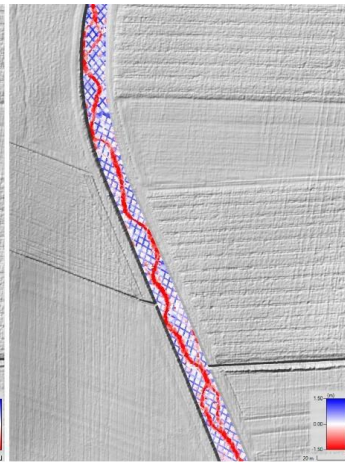
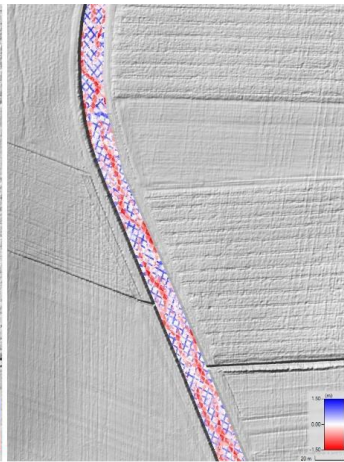
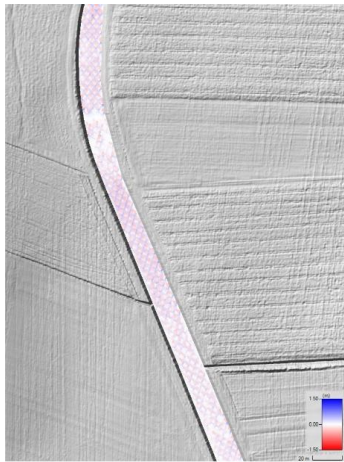
Interdisciplinary research

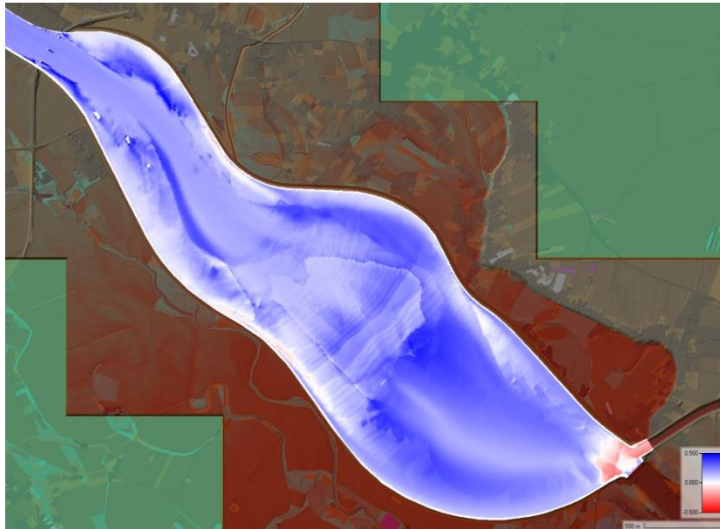
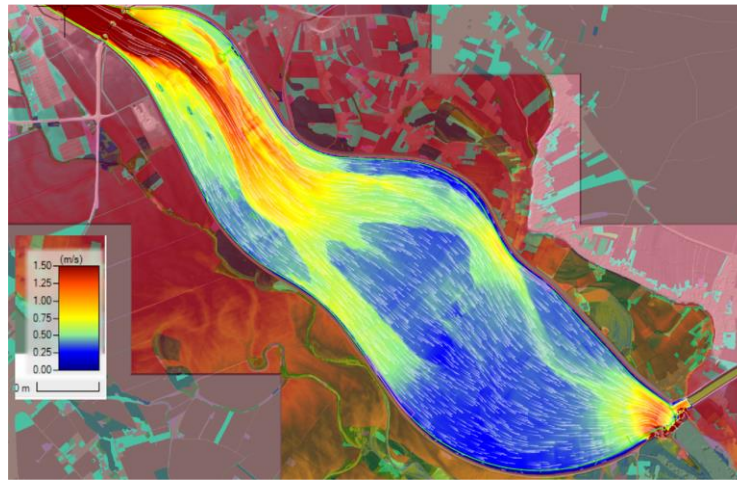
Fish lanes (passageways for aquatic organisms),
habitat modelling



Ecological restoration, water management strategy

Kučnica stream





Sediment transport modelling

Ptujsko jezero river reservoir



Addressing erosion at bridge abutments (bridge scour)

Verona, Italy



Renewable energy

Research during the design,
operation and rehabilitation
phases



Field measurements, measuring sites

Flow rate, velocities, water
surface levels, temperature



GENERAL INFORMATION

FULL NAME (ENG, SLO)	INSTITUTE FOR HYDRAULIC RESEARCH (Inštitut za hidravlične raziskave)
ADDRESS	Hajdrihova ulica 28, 1000 Ljubljana, Slovenia
WEBSITE	https://www.hidroinstitut.si/
E-MAIL	hidroinstitut@hidroinstitut.si
PHONE NUMBER	00 386 1 24 18 420
TYPE OF ORGANISATION	Public Research Institute
PIC CODE	899177391
ESTABLISHMENT	1937

LEGAL REPRESENTATIVE

NAME	Dr. Tanja Prešeren
POSITION	Director
E-MAIL	tanja.preseren@hidroinstitut.si
PHONE NUMBER	00 386 1 24 18 420