

# LAND4FLOOD

## Implementation of nature-based retention measures on private land



**The aim of the COST programme** is to enhance the management of **natural flood protection measures** through a system approach including natural, technical, organisational as well as socioeconomic aspects of flood risk management **on private land**.

**Specific research goals include:**

- Modelling and evaluation of the feasibility and effects of natural flood protection measures at model sites in the Czech Republic
- Establishment of a communication platform for dissemination of information on flood protection measures
- Set-up of a case study and dissemination of related knowledge in Nepal in accordance with the EU strategies for strengthening cooperation with developing countries

**Main project focus:**

Pilot research on two pilot sites (representing a rural area and a big city, respectively) in Nepal in the period of 2018 – 2020: mapping of cooperation potential among land owners, local communities as well as representatives of local and regional institutions and bodies regarding multifunctional land uses, which will enable temporary flood retention on private land, or further use of the water.





Nepalese rural areas: research focuses on the metropolitan area of Tulsipur in the Dang Valley in the Babai river basin.

Nepalese big cities in the Kathmandu Valley: research focuses on the surroundings of the Bagmati river, which divides Kathmandu and Patan as well as on the Hanu-mante river in Bhaktapur.

**For the creation of the project communication platform**, we welcome **YOUR OPINION** about the issues related to floods both in the Czech Republic and in developing countries.

We are interested in **YOUR EXPERIENCE** with different motivations of private land owners (not) to implement flood control measures, and with specific private land uses for establishing nature-based flood control measures..

**Please visit our website [www.metcenas.cz](http://www.metcenas.cz) for more information, and contact us at the address: [zuzana.boukalova@metcenas.cz](mailto:zuzana.boukalova@metcenas.cz)**

We are looking forward to our cooperation!

METCENAS team:  
**Zuzana Boukalová** (director)  
**Jan Těšitel** (founder)



UNIVERZITA  
 J.E.PURKYNĚ  
 V ÚSTÍ NAD LABEM

