

Technical aspects of Nature-Based Solutions allocation

CA 16209 Natural Flood Retention on Private Land

Vesna Zupanc

LAND4FLOOD Training course & Workshop
Technical aspects of Nature-Based Solutions allocation
On-line, 23 September 2020
Training course programme

STRUCTURE OF THE TRAINING COURSE

On line training course will be organized in series of short lectures (20 minutes) with interactive discussions after each session.

TASKS

Participants are asked to prepare information about their working experience or case studies in order to actively participate in the discussion.

About the LAND4FLOODS NETWORK

“Climate change increases the frequency and intensity of future flood events, leading to higher costs of flood damages and increasing the public demand for protective measures.

Traditional flood protection measures, mainly based on grey infrastructure (i.e. dikes, dams, etc), are not sufficient to cope with dynamic flood risk alone.

Nature-based solutions such as Natural Water Retention Measures (NWRM) are promising options to mitigate flood risks as a complement to grey infrastructure.

These types of measures not only serve to reduce risk, they also provide additional ecosystem services including increased biodiversity and recreation opportunities. However, a common characteristic of green infrastructure measures is that they often claim **more land** than traditional methods.”

<https://www.land4flood.eu/land4flood-project/>



LAND4FLOOD
NATURAL FLOOD RETENTION ON PRIVATE LAND

About the **LAND4FLOODS**

Training course

Technical aspects of Nature-Based Solutions allocation

Introduction

Three chapters

Three case studies

Successful implementation of NBS allocation consists of:

1. Sound technical solution
2. Consideration of stakeholders' perspective and potential changes in the ecosystem where NBS is allocated
3. Economical and legal aspects

COMMUNICATION



LAND4FLOOD

NATURAL FLOOD RETENTION ON PRIVATE LAND

Program

9:00 **Introduction** of CA 16209 LAND4FLOOD network Lenka Slavikova

9:10 **Spatial flood risk management** by Thomas Hartmann

9:40 **Technical aspects** by Nejc Bezak

Discussion on three case studies

10:20 Coffee break

10:30 **Potential consequences on land due to flooding and stakeholder's perspective** by Matjaž Glavan, Vesna Zupanc

Discussion on three case studies

11:10 **Economical and legal aspects** by Andras Kis, Arthur Schindelegger

Discussion on three case studies

11:40 Conclusion of the Training course

Case studies

**Strymonas valley, Regional Unit of Serres, Central Macedonia
(Greece)**

Tsolakidis Ioannis

Kolubara river basin (Serbia)

Aleksa Lipovac, Ružica Stričević

Landscape Park Duisburg North (Germany)

Maria Riffat

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Thank you all for participation!

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