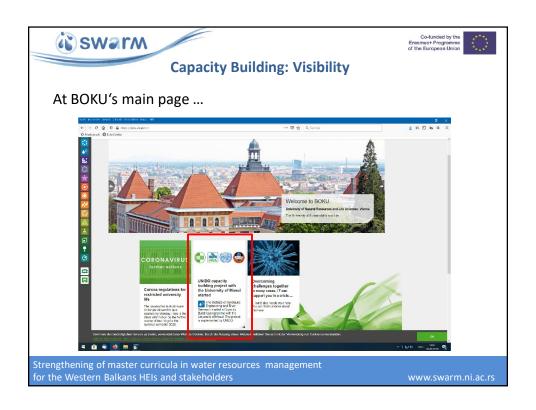
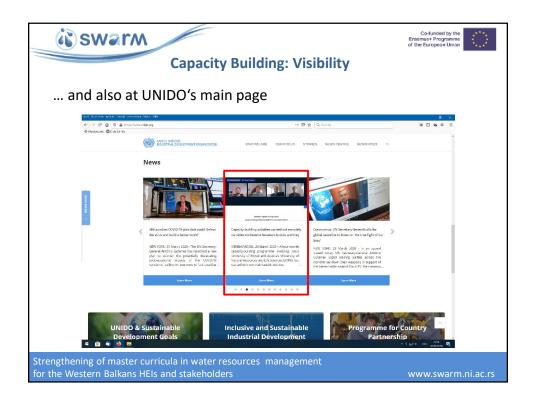
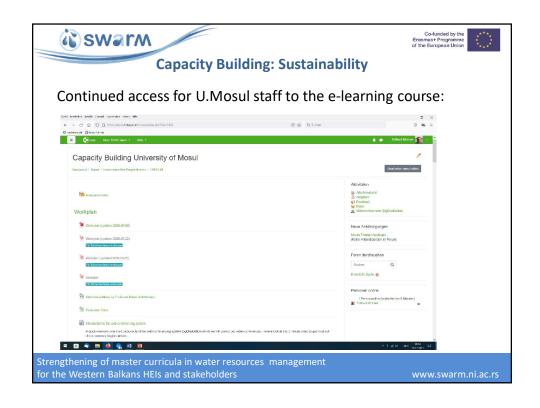


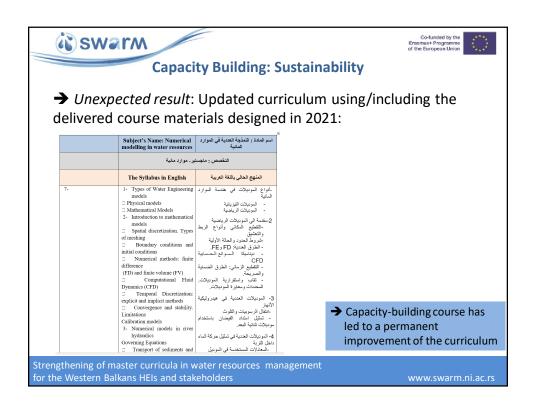
Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders















# PURIFY – Effects of desiccation on the self-purification capacity of headwater streams: Consequences for the stream management

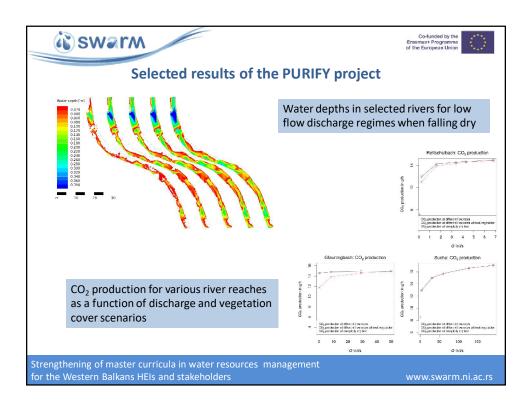
#### **Objectives**

- Analysing the medium- and long-term effects of intermittent flow on stream ecosystems' structures and functions determining the water quality of intermittent streams in Austria
- Quantifying potential effects of desiccation on the self-purification capacity of the sediment surface and the hyporheic zone
- Identifying factors which determine the resistance and resilience to desiccation
- Modelling potential consequences of drought for the water quality and related ecosystem functions in selected streams in Austria

#### Organisational Framework

- Research project funded by the Austrian Climate Research Programme, April 2018 – September 2021
- 2 national partners, 2 international partners

Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders









## SEDDON II Project overview

- continues the basic achievements reached in SEDDON
- focuses on the implementation of the suggested improvements
- aims to improve knowledge and knowledge transfer from science to river management
- studies based on longer-term programs will lead to targeted and efficient measures in order to improve the ecological status and flood risk management
- exchanging knowledge between AT and HU

Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders

www.swarm.ni.ac.rs



## Co-funded by the Erasmus+ Programme of the European Union

### **SEDDON II Key Outputs**

- Hydraulic engineering laboratory in Vienna
- Joint monitoring and modelling strategy
- Guideline for joint river engineering measures

Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders



#### **SEDDON II Partner Structure**

- LP1 University of Natural Resources and Life Sciences, Vienna BOKU
- PP2 Budapest University of Technology and Economics BME
- PP3 North Transdanubian Water Directorate EDUVIZIG
- PP4 BOKU Wasserbaulabor Errichtungs- und Betriebs-Gesellschaft m.b.H.
- SP5 Federal Agency for Water Management, Vienna BAW

Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders

