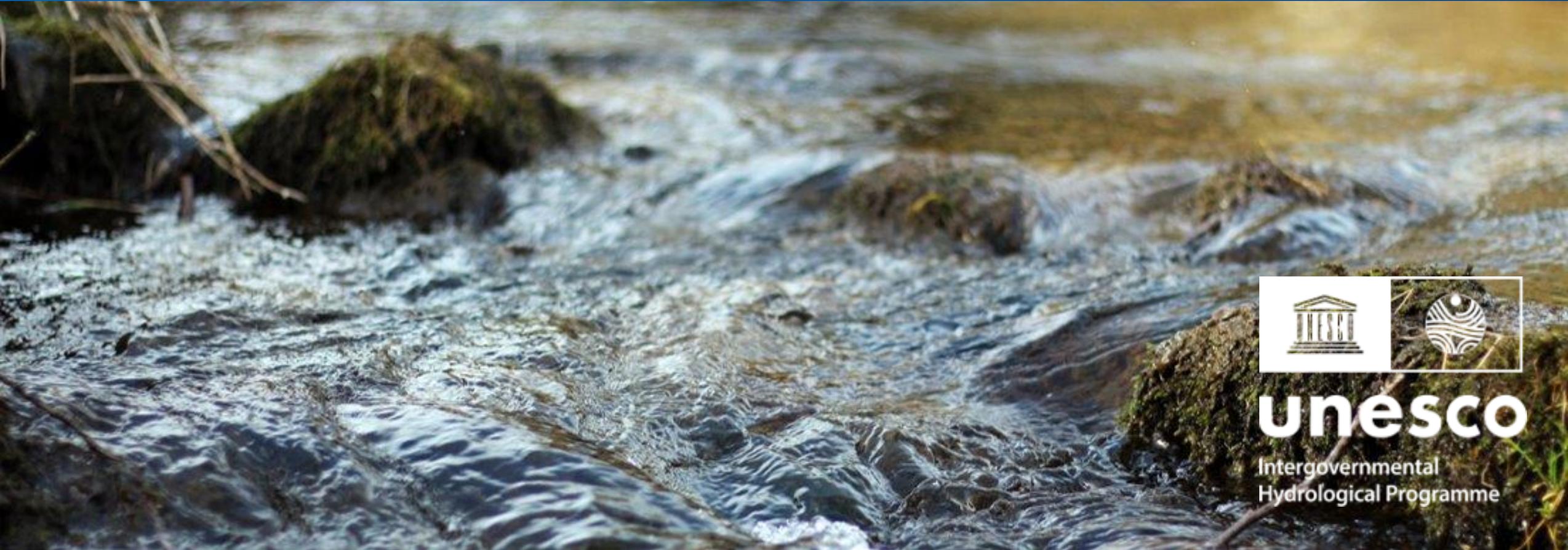




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Progress Update and Proposed Activities from Regional Coordinator for Group II: Eastern European States

Matjaž Mikoš, UNESCO Chair on Water-related Disaster Risk Reduction, University of Ljubljana – www.unesco-floods.eu



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Intergovernmental
Hydrological Programme

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ResiliEnhance (<https://resilience.uniud.it/>)

2022 – 2025 (potentially longer)

Enhancing the Resilience to Disasters for Sustainable Development

The RESILIENHANCE program launches an expert platform to explore effective ways and means for strengthening territorial resilience to adverse events and critical situations in the context of complexity and systemic risk.



Participants to the ResiliEnhance Platform



Map of participants

Resilience Catalysts: A Hub for Interdisciplinary Resilience

The Interplay between Education, Science and Culture in Transforming Governance for Building Resilience to Disasters. Insights from UNESCO Chairs.

Resilience Catalyst is a groundbreaking initiative under the umbrella of the Disaster Risk Reduction Unit of the Natural Sciences Sector of UNESCO.



NATURE-DEMO (<https://nature-demo.eu/>)

5/2024 – 4/2028

Nature-Based Solutions for Climate-Resilient Infrastructure

As climate disruptions become more frequent and intense, the resilience of Europe's infrastructure is crucial as it supports economic flows, human well-being, and social stability throughout the continent.

However, this challenge provides a historic opportunity to revolutionize infrastructure by integrating it with nature.

It covers critical sectors (e.g., transport and energy) and engages an alliance of infrastructure owners, scientists from industry and academia, and public authorities

Partners and the Catalogue of NbS for Climate Resilient Infrastructures



DANUBE4ALL

(<https://www.danube4allproject.eu/>)

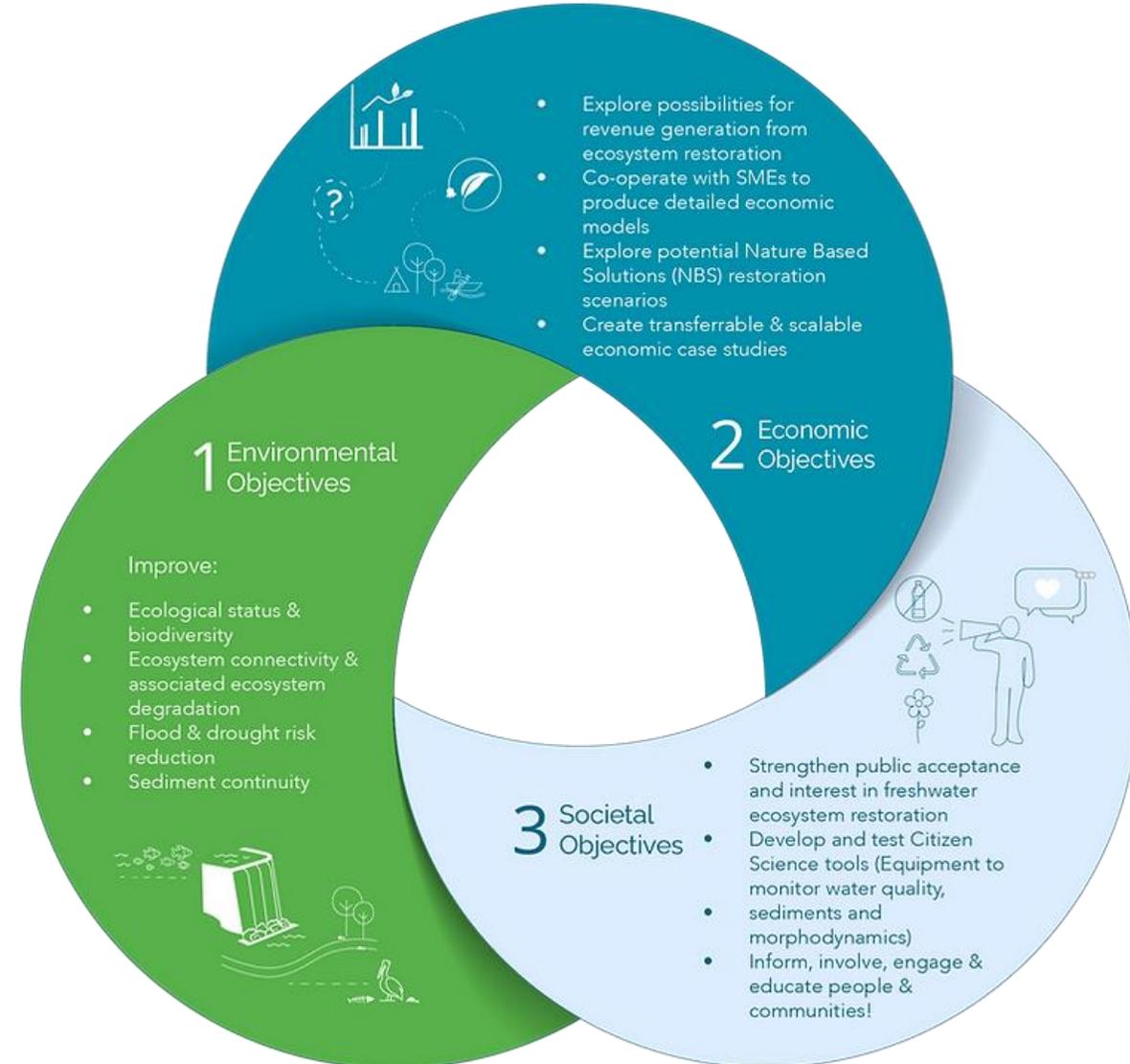
2023 – 2028

Restoration of the Danube River Basin for ecosystems and people from mountains to coast

The overarching ambition of DANUBE4all is the development of a strategic Danube Basin Restoration Action Plan (DBRAP).

This plan will be scientifically based, practically orientated, and will be the result of a unique scientific, social and economic based collaboration that aims to integrate the following objectives:

- Ecological status and biodiversity improvement and ecosystem connectivity
- Flood and drought risk reduction
- Enhancement of sediment continuity
- Economic interests
- Inhabitants' interests and Citizen Science



SpongeScapes - 2024 – 2027

(<https://www.spongescapes.eu/>)

Evidence and Solutions for improving **SPONGE** Functioning at Land**SCAPE** Scale in European Catchments for increased Resilience of Communities against Hydrometeorological Extreme Events

Sponge measures

Sponge measures aim to absorb, store, and slowly release water through landscapes.

Sponge measures mitigate floods and droughts and strengthen ecosystems against climate change, biodiversity loss, and pollution.

Sponge strategies

14 Case Studies and 2 SpongeLabs to assess sponge measures and co-design sponge strategies at landscape scale.

14 CASE STUDIES

- 1 Chaamse beken catchment (NL)
- 2 Aa and Maas catchment (NL)
- 3 Riseholme stream (UK)
- 4 Evenlode catchment (UK)
- 5 New Forest & Cole catchments (UK)
- 6 Upper Thames agricultural sites (UK)
- 7 Upper Biebrza catchment (PL)
- 8 Lèze catchment (FR)
- 9 Timonchio site (IT)
- 10 Municipality of Santorso sites (IT)
- 11 Agripolis site (IT)
- 12 Bosco Limite (IT)
- 13 Gradaščica catchment (SI)
- 14 Kavouropotamos stream (GR)

6 CLIMATIC ZONES

- Atlantic Central
- Nemoral
- Mediterranean North
- Mediterranean South
- Mediterranean Mountains
- Alpine South



Proposed Activities

- 1. Better coordination with the activities of the IHP Danube – a regional hydrological cooperation of the Danubian River Basin countries**
(<https://www.ncihp.si/ihp-danube/about-us/>).
- 2. Strengthening sediment-related issues within activities of the International Research Society INTERPRAEVENT, based in Klagenfurt Austria**
(<https://www.interpraevent.at/en>).
- 3. On the ISI web pages publish links to regional and thematic activities & publish the adapted ISI Strategy.**
- 4. Enhance visibility of Flagship Initiatives on IHP UNESCO web pages (information, links).**
- 5. Discussion...**



Thank you



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