

Sub-project description for the website

Sub-project Title:

Integrated Indicators for Nutrient Pressure and Water Management

Sub-project Acronym:

INTEGRI-WATER

Responsible local and/or regional public authority:

Institute for Protection and Ecology of the Republic of Srpska (IPERS)
<https://www.institutzei.net/>

Location of the sub-project:

Banja Luka and the Vrbas River Basin, Republic of Srpska, Bosnia and Herzegovina

Local and/or regional public authority logo:



Description of the local and/or regional public authority:

The Institute for Protection and Ecology of the Republic of Srpska (IPERS) is a public scientific research institution founded by the Government of the Republic of Srpska and operating under the supervision of the competent ministry. Based in Banja Luka, it supports public authorities through applied research, environmental monitoring, laboratory analyses and expert assessments in water, soil, waste, air and noise. IPERS operates accredited laboratories and applies ISO/IEC 17025 and ISO 9001 quality systems. Its multidisciplinary team combines expertise in environmental protection, water and soil management, analytical chemistry, ecology, policy support and stakeholder engagement. The Institute has extensive experience in national, EU and international projects and maintains long-term environmental datasets and cooperation with authorities at local, entity and national levels.

Contact Person

Prof. Dr. Predrag Ilić
predrag.ilic@institutzei.net

Additional contact (optional)

Dr. Srđan Šabić
srdjan.sabic@institutzei.net

Funding Awarded:

EUR 100,000.00

Brief Description of sub-project:

INTEGRI-WATER addresses diffuse agricultural pollution affecting surface water and groundwater in the Banja Luka–Vrba River Basin. Although nitrate and phosphate monitoring data are available, they remain fragmented and are not sufficiently connected with land use, agricultural pressures and seasonal hydrological conditions. The sub-project will replicate and adapt the Path4Med solution on integrated indicators for water management and water quality/quantity monitoring. Existing water, soil, agricultural and hydrological datasets will be screened, integrated and interpreted through an indicator framework. The approach will identify pressure areas and vulnerable periods, support dialogue with authorities and stakeholders, and convert monitoring results into policy-relevant evidence. Expected impacts include stronger public-authority capacity, improved coordination of water–soil–agriculture management, at least 30 engaged stakeholders and a roadmap for replication and scale-up.

Social media of the Responsible local and/or regional public authority (include links for all that apply)

LinkedIn: <https://www.linkedin.com/company/institute-for-protection-and-ecology-of-the-republic-of-srpska/>

Facebook: <https://www.facebook.com/institutzei.net/>

X: <https://twitter.com/ekoinstitut>

Other: <https://www.institutzei.net/>

Sub-project logo (if available)**INTEGRI-WATER****Communication Material**

High-quality photographs and other communication materials will be provided separately for use on the Path4Med website and social media channels.