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Intergovernmental  
Hydrological Programme



ecohydrology

# ECOHYDROLOGY LAB NETWORK



UNESCO's Ecohydrology Programme is a scientific endeavor to understand and elucidate the dynamic relationships between hydrological, social, and ecological systems; to consider how these interact with each other, and to seek new ways to balance human and environmental needs in respect to water resources. As we confront global sustainability challenges to achieve the Sustainable Development Goals (SDGs), there is an urgent need to accelerate research in ecohydrology and advance conceptual frameworks for effective implementation.

The Ecohydrology Lab Network aims to offer an opportunity for advancing research on fundamental ecohydrological processes and to foster the development of innovative Ecohydrological Nature-based Solutions (EH-NbS).

## About Ecohydrology Lab Network

- Generating essential data and information required for the application of EH-NbS.
- Monitoring the short- and long-term effects of ecohydrological solutions.
- Enhancing scientific and technical capabilities through training, fellowships, and the exchange of personnel.
- Cultivating opportunities for advancement and innovation in EH-NbS application.
- Facilitating the transfer of knowledge among research groups and integrating data from Ecohydrology Demosites.
- Harmonizing and inter-calibrating methodologies and techniques among the Ecohydrology Demosites.
- Assisting in fundraising efforts to improve research endeavours.

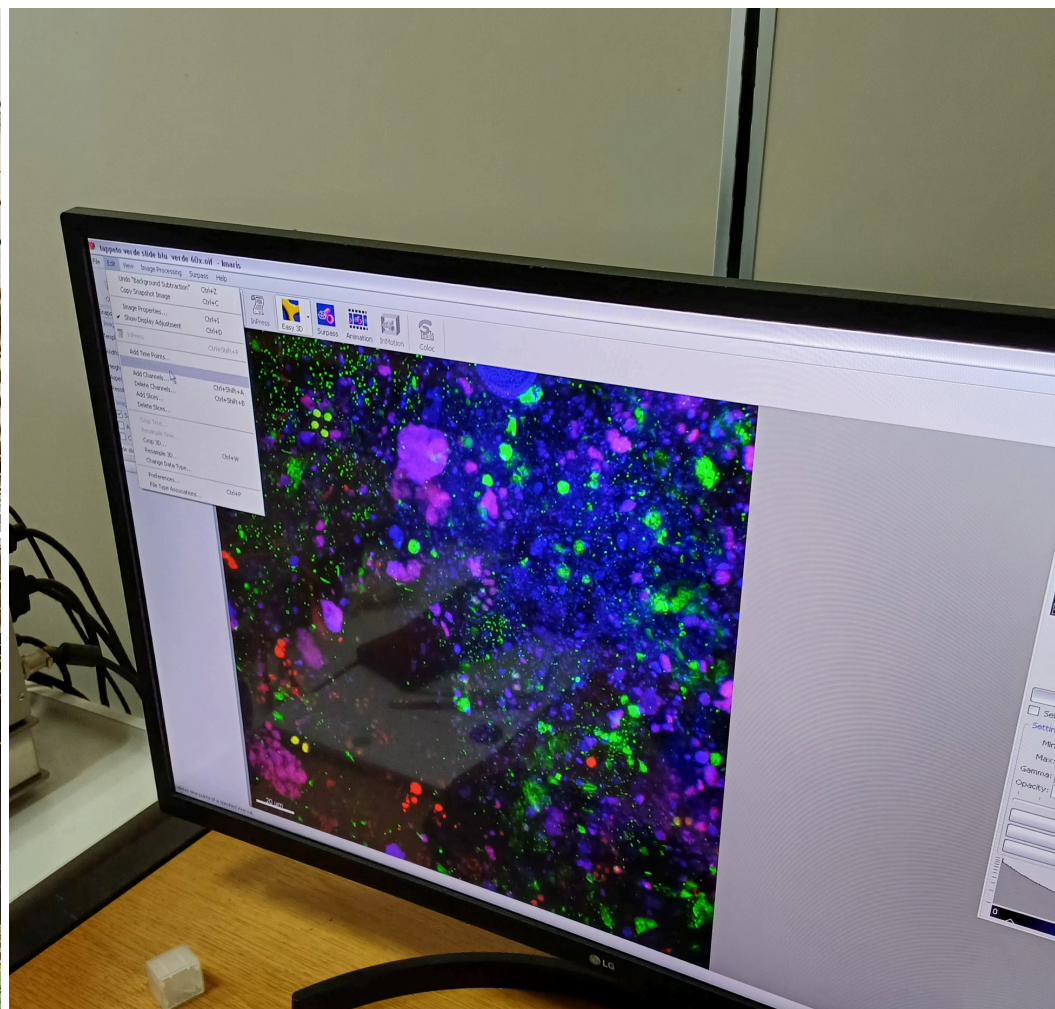
## Action Plan

- Foster coordination and harmonization among Ecohydrology Demosites.
- Enhance laboratory analytical capabilities.
- Promote collaborations among diverse Ecohydrology Demosites.
- Stimulate critical thinking and foster the development of innovation.

Conceptualization:  
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Photographs:  
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Ecohydrology and Applied Ecology





# Objectives

- Provide access to equipment and expertise among the members of the Ecohydrology Lab Network.
- Create collaborative research opportunities.
- Facilitate training and capacity-building activities related to ecohydrology.

## Who can be a part of the Lab Network?

- Laboratories and research teams that are involved in monitoring and development of UNESCO Ecohydrology Demosites.

## How to benefit from the Lab Network?

- Well-equipped laboratories that are in a position to support other laboratories with analytical services, training activities, and hosting facilities for fellowships.

## How to join the Lab Network?

- Be associated with any UNESCO Ecohydrology Demosites.
- Apply to become a member of the Ecohydrology Lab Network.

# Contact Information

## Ecohydrology Programme

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