



## Water for biodiversity in a changing world (W<sub>4</sub>B)

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IAHS



# W4B - Goals

Establish a comprehensive understanding of the complex interconnections between water (hydrological processes) and biodiversity dynamics in a changing climate.

## Short-term results

- **Increased awareness and understanding** of the interconnectedness between hydrological processes and biodiversity dynamics
- **Collaborations** between hydrologists and ecologists for joint research and data sharing.
- **Evaluation of the current state of research** to identify common patterns and knowledge gaps that will guide further activities of the group
- **Overview of existing hydrological and biodiversity datasets** for global, regional and local analyses

## Long-term results

- **Share knowledge** among hydrologists, climatologists, ecologists, and other experts from different regions
- **Integrate data across scales** to facilitate data exchange across disciplines
- **Develop integrated approaches** that link hydrological and ecological monitoring, modelling, and risk assessments.
- **Describe future pathways** for water management and conservation strategies to enhance the capacity of IAHS community and stakeholders to balance human and nature water needs

