



Science for Solutions decade: HELPING
Hydrology Engaging Local People IN one Global world
IAHS Scientific Decade 2023-2032
[IAHS Scientific Decade](#)

Details of the Working Group – Local and indigenous knowledge in hydrology

Describe the work and how your suggested working group will contribute to the goal(s): The working group aims to find new approaches to integrate local and indigenous knowledge with formal hydrological science, in order to create actionable evidence to support water resources and risk management for sustainable development.

Describe the methods you will use to achieve the goal(s): The working group aims to cross-fertilize methods in hydrology (e.g., monitoring and data collection; modelling and simulation) with those from the social sciences (e.g., participatory action research, grounded research) and cross-disciplinary methods (e.g., citizen science) to develop novel approaches to knowledge co-creation and integration.

Describe the (a) short-term, (b) the long-term and (c) the ultimate results you hope to achieve:

- (a) increasing awareness and interest within the hydrological community for local and indigenous knowledge bases,
- (b) published case studies and best practices for collaboration with local actors and co-creation of actionable knowledge to support water management,
- (c) novel approaches to integrating local and indigenous knowledge in hydrology that are well established, and widely adopted.

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