



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 – Acceptance of Nature-based Solutions and their implementation in guidelines**

**Describe the work and how your suggested working group will contribute to the goal(s):** The implementation of Nature-based Solutions (NbS) is still limited due to the perception that they are not as efficient as traditional grey solutions might suggest. Some NbS are targeted to minimize risks of more than one type of hydro-climatic extremes, such as floods or droughts. However, their implementation is mostly not considered in a holistic view, e.g., the background is on flooding only, whilst neglecting droughts.

**Describe the methods you will use to achieve the goal(s):** Research on the implementation of NbS in practice, to study their hydrological behaviour with stakeholder involvement. This way, awareness is raised, and new data is collected on the effectiveness of NbS.

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

- (a) coordinated collection of data from NbS world-wide,
- (b) Stakeholder are more aware of the benefits associated to NbS,
- (c) Guidelines have a better foundation in terms of numbers relevant for planning purposes with higher acceptance by stakeholders and people involved in design.

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