



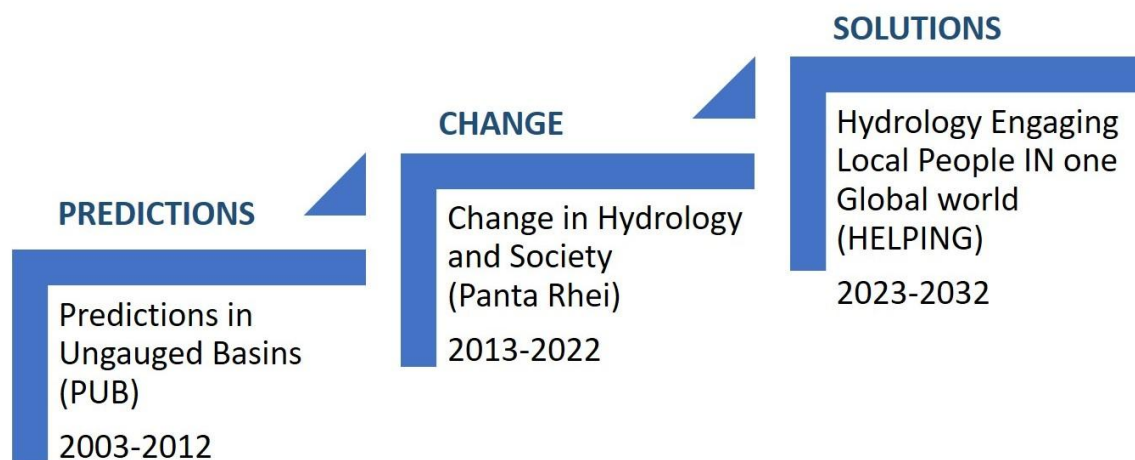
International Association of Hydrological Sciences

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# Invitation

## Workshop on the IAHS Science for *Water Solutions* Decade

The Earth is facing severe problems due to climate change, globalisation, and population growth. The Anthropocene has put the planet into an emergency state, where impacts on the water cycle are accelerating the crisis; freshwater supply often varies between being too much, too little or too dirty for sustainable development. Hydrological knowledge is needed more than ever to address these problems. Therefore, the next IAHS decade will be dedicated to local solutions under the global water crisis. The short name will be **HELPING**, and stands for **H**ydrology **E**ngaging **L**ocal **P**eople **I**N one **G**lobal world. Read more in the [Concept Note](#). The new topic makes a nice trilogy with the previous two decades, ranging from Predictions ([PUB](#)) to Change ([Panta Rhei](#)) to Solutions ([HELPING](#)).



The next scientific decade will underpin solutions for the water crisis, leaving no catchment or hydrologist behind, in search for scientific evidence to:

- Accelerate the understanding of the linkages between **hydrological processes at local and global scales** and their interaction with water resources.
- **Engage with local scientists and societies** to learn from local experience, differences in hydrological processes and change around the world, and transfer solutions globally.
- Synthesising hydrological understanding across the globe and underpin the management of current crises by **finding holistic solutions** to mitigate future crises.

The decade will be a bottom-up process empowered by local hydrologists and scientists using open science and local data/methods when solving local water problems. We envisage that the building of local knowledge and cooperation can inform scientists working under similar situations or facing unexpected events worldwide (e.g., learning from floods or droughts in one catchment will inform hydrologists and water management in other catchments).

### **HELP to define HELPING**

The next step is now to define actions, work clusters and leaders for initiating the new decade. Back-to-back with EGU, a dedicated workshop will be held at TU Wien on Saturday 29 April to set the scene. [Register here!](#)

## Workshop Agenda 29 April at Technical University of Vienna

09.00 – 10.00 Intro and discussion of overall aim and expected outcome

10.00 – 10:30 BREAK

10.30 – 12.00 Brainstorming ideas on Actions and results

12.00 – 12.30 Reporting in Plenum

12.30 – 13.00 Discussion, Synthesis and Decision

13.00 – 14.00 LUNCH

14.00 – 15.00 Clustering the defined actions

15.00 - 15.30 Discussion and Decision

15.30 – 16.00 Wrap-up and Way forward

16.00 THE END

Venue Address: Technische Universität Wien, Karlsplatz 13/223, A-1040 Vienna, Austria

