

IAHS Bureau: Working Group (WG) and Committees

Chair Name: Wouter Buytaert

Name of Working group or Committee: Citizens and Hydrology (CANDHY)

Names of participants and role(s) of each officer:

Role	Name of person	Activities/Responsibilities (e.g. communication)
Chair	Wouter Buytaert	Coordination
Task leader		
Sub-leaders		
<i>Others?</i>		

What is the main scientific challenge your WG will focus on during the next-coming year?

We will focus 2025 – 2026 on the theme of “Embracing the diversity of hydrological data and knowledge, including the organisation of a scientific workshop (co-sponsored by the CCWK working group and the UK FDRI project), and the publication of a perspective paper.

Which UPH(s) does the Working Group/Committee contribute to? (No 1-23: check <https://www.tandfonline.com/doi/full/10.1080/02626667.2019.1620507>)

17. What is the relative value of traditional hydrological observations vs soft data (qualitative observations from lay persons, data mining etc.), and under what conditions can we substitute space for time?

21. How can the (un)certainly in hydrological predictions be communicated to decision makers and the general public?

22. What are the synergies and tradeoffs between societal goals related to water management (e.g. water–environment–energy–food–health)?

23. What is the role of water in migration, urbanisation and the dynamics of human civilisations, and what are the implications for contemporary water management?

Which Theme and WG of HELPING Decade do the WG/Committee contribute to? (See current status here <https://iahs.info/Initiatives/Topic-for-the-Next-IAHS-decade/helping-working-groups/>)

Theme 3: HELPING with cross-cutting goals

Working groups: Outreach, Communication & Science Interfaces; Co-Creating Water Knowledge; Water and Health

How – in which form will the results be presented? (collaborative paper, workshop, etc)
Collaborative manuscript, report, summer courses and workshops

Work plan for 2025

PERIODICAL WG/Committee WORKSHOP	Workshop on knowledge co-production preliminarily planned for Autumn 2024 / spring 2025
COMMUNITY PAPERS	<ul style="list-style-type: none"> • Second CANDHY community paper coordinated by Fernando Nardi • Perspective paper on knowledge co-creation in collaboration with the HELPING working group on Co-creation of Water Knowledge, currently in review in the HSJ journal. • Literature review paper on knowledge co-creation, in collaboration with the HELPING CCWK working group • Coordinating a submission to the EU COST funding opportunity with the CCWK working group
DIGITAL WATER GLOBE	Collecting case studies of knowledge co-production
OTHER INITIATIVES	<p>Participation in the 50 anniversary of the UNESCO Intergovernmental programme (10 – 13 June 2025), with several presentations on citizen science and related topics:</p> <ul style="list-style-type: none"> - Tuesday, 10 June: Workshop UNESCO IHP/IX Programme “Scientific research and innovation for water security”, Session 14:00-15:30, Presentation on "Open Innovation in Hydrological Monitoring" - Thursday, 12 June: Seminar "Open Hydrology", Session 12:00-12:30, Presentation on "Democratizing data collection: Open Hardware Sensors for community-based hydrology" - Thursday, 12 June: side event From International Year of Glaciers’ Preservation to the Decade of Action for Cryospheric Sciences 2025-2034 Room IX / 14:00-15:30 , Presentation " Citizen Science and Cryosphere"

Guidelines for filling the Workplan:

“PERIODIC WG/Committee WORKSHOP”

This workshop should be organized by the WG/Committee. It should be an IAHS event, not a session during a conference. It can be co-organized with other Commissions or other organizations. In the latter case the role of IAHS should be clearly identifiable in the organization.

Typically, such workshops have an annual frequency, have a relatively small number of participants (in the range of 40-100), and are particularly precious for collecting the community and focusing on common and emerging research topics.

In the work plan table are expected information about the WG/Committee Workshop.

If the WG/Committee has already finalized the organization, the webpage link of the workshop and the date and the venue should be specified. If the WG/Committee has just started to plan and organize, the date and venue or the available information should be specified. If the Commission recently held the workshop, few summary information should be included in the table and the report link or the pdf should be provided.

The report format is simple and described below:

First page: WG/Committee name, title of the workshop, date, venue, Group Picture of the event

Second page: Statistical summary of the workshop: number of participants, Countries, number of oral presentations, number of posters (if they were present).

From the third page: Scientific Program

Last page: list of participants (EDI?)

“COMMUNITY PAPER”

The final aim of the WG/Committee is to shed light on research topics related to the WG/Committee. Collecting the community and working together the expected outcome is to provide a community paper that summarizes milestones or crucial emerging topics.

In the work plan table, some information on the community paper status is expected. For instance, it would be useful to know if the WG/Committee has been planning the community paper, the topic, authors, the percentage of development, and when it is expected to be submitted. This information is crucial for coordinating such activity with the HSJ Editors.

You can find some examples here:

MOXXI
CANDHY
UPH

“DIGITAL WATER GLOBE”

As you know the DWG is finally active: <https://dwg.smhi.se/dwg/> and we are looking forward to receiving the contribution from the IAHS community on case-studies and links to data and IAHS publications.

Since our community is shaped by the Commissions, Committees and Working Groups we invite you to advertise the DWG and include all the officers' Personal profiles in the visualisation tool (linked to other items).

The information requested in the table is the number of items that you plan to include in the DWG during the next months and the number you did in the last period.