International WaTERS Network Announcements

March 2018

The following is a list of announcements for the International WaTERS Network. This includes news, jobs, grants, conferences, educational opportunities and recent publications.

As always, please send any content that you would like included in the next announcement to internationalwatersubc@gmail.com.

To be added to this list, please email internationalwatersubc@gmail.com or visit our webpage and follow the instructions at the bottom.

Membership Announcement

As the International WaTERS Network moves into our next phase we are excited to revisit ways to strengthen one of our best resources - networking our members. We know that many of you have already benefited by using the NW Network to connect to like-minded scholars and practitioners around the world. We want to build on those successes.

As part of this project, please send a short statement on how your work aligns with our goals and a current CV to internationalwatersubc@gmail.com. We hope to share this information more broadly to help our members better connect and work on projects, grants, and scholarship. You can always find information on our network on our webpage.

Successful webinar - Groundwater and Equity: Exploring barriers to access in the Global South

Thank you so much for the outstanding panel from our webinar: Prof. Frances O'Leary and Luke Whitty (University of Sheffield) as well as Prof. Michelle Kayo (HII Delphi Institute for Water Education), and Prof. Komakech (Nelson Mandela Institute of Science and Technology in South Africa).

If you are interested in watching a recording of our webinar, it is available on our youtube channel or at this link.

Advocated network of interest: Household water insecurity (HWI) research coordination network (RDN)

The Household Water Insecurity (HWI) Research Coordination Network (RDN) operates at the strategic intersection of social science discovery, policy, and practice. Its mission is to build a community of practice and collaboration that fosters key analytic and theoretical advancement coupled with the development of research protocols and standardized assessments in document, benchmark, and understanding the causes and outcomes of water insecurity at the household scale. The scope of the HWI Network activities is global and cross-disciplinary, and recognizes the important advances in water sustainability and policy development that originate in diverse environmental contexts and regions. Consequently, the HWI Network will draw from scholars, policy makers, and practitioners globally. Their work advances the goal of sustainable and socially equitable water policy and interventions through rigorous evaluation of key water security problems. They pay explicit attention to the elaboration of causes and outcomes of household water insecurity and translation research outcomes into meaningful and useful products for practitioners, communities, and decision-makers.

The HWI Network developed from an existing collaboration among Amber Waltz (Arizona State University), Wendy Jepson (Texas A&M), Sara Young (Northwestern University). Recently they have broadened their collaborative publication and research relationships to include Justin Stoler (Miami) on the leadership team. Current HWI collaborators, which have grown organically around ad hoc workshops funded by our respective institutions and institutes) and sponsored projects to develop a household water insecurity scale, now include over 40 scholars from 3 U.S. and international institutions across the social spectrum (post-doctoral researchers and early career scholars to middle and advanced researchers) and social science disciplines. In short, their effort to date is only the beginning of a prospective research collaboration network to advance conceptual and methodological frontiers in water security and environmental social science, more broadly.

The Core team began their collaboration by joining forces and coordinating individual efforts to develop a validated scale for assessing household water insecurity scale. Jepson, Young, and Waltz began meeting biweekly via Skype to discuss and advance concepts and methods that go beyond existing metrics, definitions, and methods related to the water insecurity at the individual and household scale. Their rationale was that household food insecurity (HWI) has emerged as a powerful predictor of a range of poor nutrition, health, and economic outcomes, given the intrinsic value and absolute necessity of clean water for human health. Household water insecurity (HWI) may indeed be as equal or more powerful predictor of poor health and wellbeing. Therefore, it was (and is) their goal to understand the determinants of HWI, compare levels across settings, and understand how HWI impacts agricultural, nutrition, and health.

The effort has mobilized multidisciplinary communities of scholars who believe that this will lead to a breakthrough for social science and policy, similar in scope to the household food insecurity scales and research years before. In March 2018, in conjunction with the Society for Economic Anthropology meeting at Arizona State University, they met for a short time-frame—again with newly engaged—on discuss newly and sharing as a core component of the relational approach to household water insecurity. Finally, they anticipate several papers and chapters from this meeting and completion of the first major paper on the validated HWI scale in Summer 2019. In short, their recent success confirms the efficacy and uptake of HWI as a proof of concept and the leadership team’s collaborative capacity and ability to manage and achieve rapid results in an interdisciplinary and global network.

Several NW Network members are involved in HWI-RD and look forward to together and ongoing collaboration.

For more information please visit the HWI-RDN webpage.

Recent HWI-RDN publications of interest


IW Member Dr. Heather O'Leary interviewed for World Water Day by University of California Press

UC Press: Research projects leveraging data from citizen-scientists have become increasingly common in recent decades, but oftentimes, underprivileged communities are under-represented in these projects. What are some of the benefits of better representing citizen scientists?

Heather O’Leary: Researchers take a step in the right direction when they try to broaden the representation of their samples to include traditionally underrepresented populations. Not only does this help close the critical gaps in sampling representation, but it also recognizes these populations as stakeholders who participate in systems—from being affected by, to coping through creative solutions.

However, I join a critical community of scholars who argue that many inclusion tactics treat people in underprivileged communities as objects, rather than subjects. Essentially, this means that researchers observe and collect data on populations without forming essential partnerships that recognize the agency and talents of everyday people. By approaching members of underrepresented populations as legitimate, credible experts who collected unscripted data and form complex theories governing their everyday experiences, researchers gain a whole lot more than diverse participation in data collection.

Democratizing citizen-scientist means including everyday people as partners in every step along the way: framing research projects, troubleshooting methods, interpreting results, and determining next steps towards broader impact. By democratizing citizen-science, researchers issue a powerful invitation to participate in creating more nuanced hypotheses, higher-quality data collection, and holistic systemic solutions. My article demonstrates one of many instances where training and partnering with people in the local community generated new better research frameworks and helps establish a model of citizen-scientists to improve WaTERs according to their specific, local needs.

Read the whole interview here.

IHE Delphi's response to high level panel report 'Making every drop count'

"We see the water crisis as a wicked problem, and is characterized by major gaps in access to water supply and sanitation, increased pollution and degradation ecosystems, exacerbated by climate change. Water is a multihued good whose socio-economic nature changes over time, space and quantity with external conditions and drivers, ranging from public good, common-pool resource and even to private good, all of which imply varying value-creation and management approach. IHE Delphi is currently researching how to value and manage water as a precious resource, which is both context dependent and should be adaptive to local conditions."

Read more here.

A number of IW members at the IHE Delphi contributed to this statement.

Academia.edu group

Many of you are on Academia.edu, a website that helps individuals share their research. International WaTERS will be expanding its social media footprint by adding a profile on this site, and we would be happy if you could add us to your affiliations and follow our updates. This provides us another way to share your work with other members of the Network and beyond.

If you have an Academia.edu profile to go to 'other affiliations,' click edit, then add UBC International Waters. Apologies for the appearance that we have located IR at UBC, but the site required we select a school.

Please follow us.

Follow us on Twitter

Follow us on Academia.edu

Follow our Instagram

Visit our Website

https://mailchi.mp/cc08db63127e/international-waters-network-a...
Dropping, and your CV
As many of you know, we host a dropbox with many resources for researchers interested in the International WaTERS themes. The dropbox contains pdfs of member articles, collected job and funding announcements, and member’s CVs. If you have not already, please send an updated CV (pdf) to InternationalWatersNetwork@gmail.com and we will add it to the dropbox. If you do not have dropbox access and would like to be included please let us know.

Jobs
Josh’s Water Jobs
One of the prime stops for any water job hunt is Josh’s Water Jobs. The jobs found on the website are related to water and internationally focused. There are two broad categories that are highlighted, namely Water (policy, governance, law, economics, management, finance, advocacy, sciences, communications, etc.) and WASH (water, sanitation and hygiene).

You can sign up for weekly updates here or explore the database.

Two Post-Doctoral Research Associate Positions

Human Development and Capacity Development Needs in Water and Climate Actions

Institutional capacity development needs in water and climate actions

Human development and capacity development needs in water and climate actions

Energy security

Adapt to climate-related hazards; 

Energy security

Climate and disaster resilience

Energy security

Climate and disaster resilience

Climate and disaster resilience

Education, and employment services.

The activities of the Action Group will focus on one sub-theme within the following main themes/ settings:

• Human development and capacity development needs in water and climate actions
• Institutional capacity development needs in water and climate actions
• Rural and Agricultural settings
• Urban and industrial settings
• Coastal areas
• Transboundary water resources

The application process is now open and will close on the 11th of May 2018.

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More information

Humanitarian Grand Challenge

The United States Agency for International Development Office of U.S. Foreign Disaster Assistance (USAID/OFDA), the UK Department for International Development (DFID), and Grand Challenges Canada have launched Creating Hope in Conflict: A Humanitarian Grand Challenge. This challenge seeks to find and accelerate solutions that enable life-saving or life-improving assistance to reach the most vulnerable and hardest to reach people in conflict-affected humanitarian crises. Specifically, we seek innovations that engage the private sector and involve input from the affected communities in order to provide, supply or locally generate safe water and sanitation, energy, lifesaving information, or health supplies and services to help conflict-affected people.

Deadline: Thursday, April 12, 2018, at 11:00 a.m. North America Eastern Time Zone (15:00 GMT)

More information

South Africa/Austria Science and Technology Joint Call for Research Proposals 2019

The programme for Scientific & Technological Cooperation is carried out within the framework of the bilateral Memorandum of Understanding between the Department of Science and Technology of the Republic of South Africa and the Federal Ministry of Science, Research and Economic Development of the Republic of Austria on Science and Technology Cooperation and is financed equally by the Austrian Federal Ministry of Education, Science and Research (BMBF) and by the South African Department of Science and Technology (DST). The principle objective of the cooperation between the parties is to contribute to scientific advancement in both countries by funding researchers’ mobility in the frame of joint research projects in specified research
fields; provide an opportunity for researchers to cooperate in an international setting and to develop their scientific careers, especially for early-stage, mid-career or as female researchers; support the advancement of basic research; and contribute meaningfully to research capacity development.

More information [here](#)

**Deadline Monday, 30 April 2018**

**Member spotlight**

Cecilia Alda-Vidal, a full fellow at the University of Manchester, recently presented in the African Centre for Cities (ACC) International Urban Conference. The conference was held at the University of Cape Town on the 1st to 3rd of February 2018 and celebrated the tenth anniversary of the ACC.

Her presentation was part of a series of sessions organized by Kathleen Stiles (University of Manchester) and Natalie Millington (University of Cape Town). Visit [here](#) for a summary of the sessions.

The session: Urban political ecologies, working infrastructures, included presentations reflecting on the relationships between labor, infrastructure, and politics in cities of the global south. Arjun Bhan, Rosalba Alba and Luis E. Bárrez presented findings from WaterEvents (Universiteit Twente), an on-going collaborative-research project that explores the dynamics of urbanization, resource governance, and global environmental change in the Greater Accra Metropolitan Area. Jonathan Sivire also presented his paper: The climate crisis, carbon capitalism and urbanisation: An urban political ecology of low-carbon restructuring in Mumbuk. She says: “I presented findings from a paper co-authored with Michael Kopy (Boelens) and María Ruaza (King’s College London). Mapping operation and maintenance on everyday analyses of inequalities within piped water supply in Lilongwe, Malawi. The presentation explored the production of different service levels within the networked water supply system in Lilongwe, Malawi. As in many other cities, in Lilongwe, a connection to the water network does not ensure that water will run when one opens the tap. While some users receive water round-the-clock, those located in the Low Income Areas of the city frequently face intermittent supply or lack of water for up to 4-5 days. To explain this situation we follow the engineers and operators of the water utility as they conduct daily operational and maintenance work and show how their routines and decisions contribute to this highly differentiated service delivery. Inequalities in water distribution are produced and maintained not only through the construction of infrastructures but through its daily operation and maintenance and reflect and reproduce other inequalities within the city. The conference was a very inspiring event that achieved to be both critical and propositional as it intended. I had the opportunity to attend excellent sessions and learn from the work of others scholars and practitioners doing research in different urban areas. The conference was very well organized, engaging, and offered plenty of opportunities to meet new colleagues and to discuss work in a friendly and stimulating environment. I have really enjoyed it and came back refreshed and with lots of new ideas for my PhD project.”

**Recent Publications**

Members of the International WaTERS Network frequently publish new and cutting edge work. If you are interested in sharing your publications with the network please forward them to internationalwatersubc@gmail.com.


Water justice is becoming an ever-more pressing issue in times of increasing water-based inequalities and discrimination. Megacities, mining, forestry, industry and agriculture claim an increasing large share of available surface and groundwater reserves. Water grabbing and pollution generate poverty and endanger acquisitional sustainability. Beyond crisis, visible injustices, the book also examines the many hidden ‘water world’ injustices, subtly masked as ‘natural’, ‘inevitable’ and ‘democratic’. It features critical conceptual approaches, including analyses of environmental, social, cultural and legal issues surrounding the distribution and management of water. Illustrated with case studies of historic and contemporary water injustices and controversies around the world, the book lays new ground for challenging current water governance forms and unequal power structures. It also provides inspiration for building alternative water realities. With contributions from renowned scholars, this is an indispensable book for students, researchers and policymakers interested in water governance, environmental policy and law, and political geography.

**signora e il cardboard**

1. Introduction: the multiple challenges and layers of water justice struggles Rutgerd Boelens, Jeroen Vos and Tom Perreault

2. Water governance as a question of justice: politics, rights and representation Da Roth, Margreet Zwarteveen, K. C. Joy and Seema Kulkarni

3. Water grabbing: practices of contestation and appropriation of water resources in the context of expanding global capital Jet van Velden, Jennifer Franco and Lydia Mehta

4. Urban water and sanitation injustices: an analytical framework Ben Cowen, Part 8: Hydrosocial De-Patterning and Re-Composition

5. And not a single injustice remains: hydro-territorial colonisation and tech-political transformations in Spain: Erik Syvngdau and Rutgerd Boelens

6. Recentralization of hydrosocial territories and water justice struggles Lena Hornes, Rutgerd Boelens, Bibiana Duest-Aitabda, Juan Pablo Hidalgo and Jaime Hospedadero

7. Indigenous people and water governance in Canada: regulatory injustices and prospects for reform Karen Bleiker, Rosie Simms, Nadia Jose and Lella Harris

8. Sanitation justice? The multiple dimensions of urban sanitation inequalities Marius Ruaza, Cecilia Alda-Vidal and Michelle Kopy

9. Unravelling diversity to build Europe’s water movement Right2Water Jerry van den Berge, Rutgerd Boelens and Jeroen Vos.

10. Everyday water injustice and the politics of accommodation Frances Clawer

11. Sharing our water: inclusive development and global water justice in the Anthropocene Jyantapriyata Gupta

12. Urbanisation and water: understanding inequalities in urban South Asia Sarah Mary Mehta

13. Mapping operation and maintenance: an everyday analysis of inequalities within piped water supply in Lilongwe, Malawi Lisa Bossenbroek and Margreet Zwarteveen

14. New spaces for water justice? Groundwater extraction and changing gendered subjectivities in Morocco’s Saiss region Léa Bosserbraak and Margreet Zwarteveen

15. Conclusions: struggles for justice in a changing world Tom Perreault, Rutgerd Boelens and Jeroen Vos.


**Conferences**

**Call for papers: Water Science and Collaborative Governance**

The Section Editors of the *Water Management, Science and Technology* section of Case Studies in the Environment invite submissions for a special collection of case study articles on water science and collaborative governance for addressing water quality.

[Case Studies in the Environment](http://iw.wmo.at) is a journal of peer-reviewed case study articles, case study pedagogy articles, and a repository for editor-reviewed case study slides. The journal informs faculty, students, researchers, educators, professionals, and policymakers on case studies and best practices in the environmental sciences and studies.

Related manuscript submissions for this special collection should link water science and collaborative governance for addressing water quality. Papers will contribute to a special issue on the topic. Potential submissions should address issues related to water science and collaborative governance, in any geographical locale, and might include (but are not limited to) the examination of:

- Opportunities/challenges of using mathematical modeling in collaboration
- Approaches to communicating water science and technology to facilitate collaboration
- Assessment of mapping and visualization tools used in collaborative processes
- The co-evolution of collaborative governance and modeling
- The changing role of science and scientists in collaborative contexts

Closing date for submissions to this special collection on water science and collaborative governance for addressing water quality: May 1, 2018.

More information [here](#)
These are: 13th - 15th February 2019: World Symposium on Climate Change and Tourism, Bariloche, Argentina 20th - 21th February 2019: Symposium on Climate Change Adaptation in Latin America, Lima, Peru.

The events cater for a wider debate on the links between climate change and water issues. The Symposia also offer an opportunity for researchers working on climate change to come together to discuss research methods, the results of empirical research or exchange ideas about on-going and future research initiatives which aim at providing a better understanding of how climate issues influence various sectors. The events will involve researchers, government representatives, practitioners and other active citizens of the field of climate change in the widest sense. As happens in all ICCIP events, papers submitted will be peer-reviewed and those which pass peer-review will be published in books as part of the Climate Change Management Series, the world’s leading peer-reviewed book series on climate change adaptation.

Further details on the Symposia are available at: World Symposium on Climate Change and Tourism, Symposium on Climate Change Adaptation in Latin America.

Educational Opportunities

Water Security Short Course: 25-29 June 2018
University of East Anglia (UEA), Norwich, UK

The School of International Development, the Water Security Research Centre and the Anglian Centre for Water Studies (all at UEA) invite you to attend a short course on water security. This 5-day course will critically reflect on the practical and theoretical facets of water security to develop a better foundation upon which to achieve developmental and environmental objectives. You will be introduced to and explore different interpretations of water security in an international and developing economy context. You will acquire a wide variety of tools and analytical frameworks from a variety of disciplines and an extended understanding of this key national and global issue and will leave the course with an ability to critically assess and address current water security issues and policies and to gain an appreciation of the relations between water security and development, health, climate, food, and national security. The course is delivered by a range of different academics and professionals currently researching in these fields. This is also an excellent opportunity to develop your contacts and networks.

Find out more, including information on fees, here.

2018 RWSN webinar series (April 3rd - June 5th, 2018)

Mark your calendars! RWSN is delighted to announce its 2018 series of 10 webinars (on-line seminars) dedicated to rural water services, running every week from April 3rd until June 5th, in English, French, Spanish and/or Portuguese.

To attend any of the webinars, please register here by April 2nd.

We will hear from more than 20 organisations on a range of topics, including:

- A special double session with the WHO/UNICEF Joint Monitoring Programme to find out how you can make the most of the JMP data, and how countries nationalise SDG6 targets and indicators (May 2nd and May 29th).
- Practical ways of financing to reduce corruption in the sector (April 3rd).
- To improve social accountability for better rural water services (May 8th).
- A discussion on community-based water point management (April 10th).
- A radio show-style session showcasing experiences with capacity strengthening for professional drilling (June 5th).
- A debate on water kiosks (May 15th).
- The role of self-supply and local operator models for universal access in rural areas (May 22nd).

Find the full list of webinars in English, French and Spanish here.

Register here.

Recording from previous webinars

Of Interest

FLOWS Blog at IHE-Delft

Several of the International WaterT3R members working at IHE-Delft have been active blogging. FLOWS is the scientific blog of the Water Governance Chair Group at IHE Delft Institute for Water Education (The Netherlands). The blog presents news about their research, education and capacity development activities in Africa, Asia and Latin America. It aims at promoting an open and critical space to discuss water governance issues. Read more here.