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# International WaTERS Network Announcements

## August 2019

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](mailto:internationalwatersubc@gmail.com) To be added to this list, please email [internationalwatersubc@gmail.com](mailto:internationalwatersubc@gmail.com) or visit [our webpage](#) and follow the instructions at the bottom.

### Water Stories - Water photodocumentaries

A new project from International WaTERS Fellow, Javi Rodriguez. Here, he shares images of rivers, lakes, springs, oceans and waterfalls, but also of irrigation, fountains, dams, wells and people. All of them contain stories of a technical, sentimental, cultural or vindictive nature that he supports with some texts. Although the spirit of this blog is not to present complete cases in a journalistic way, but rather to share



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diverse and personal stories through artistic and documentary photography, any debate on the topics he will touch is more than welcome. In some cases, like the one in the first blog post, he collaborates with activists who carry out important tasks of social complaint about injustices suffered by the most marginalized. Very often peasants, women and men from rural areas who have direct contact with water sources and suffer the consequences of an unstoppable dispossession, that of water and the territories that give access to it.

In [this post](#), he links two works of research conducted with Wageningen University in Peru in 2017.

Other stories [here](#).

### **IW Member Prof. Heather O'Leary wins 2018 Case Studies in the Environment Prize!**

Prof. Heather O'Leary is the recipient of the *2018 Case Studies in the Environment Prize* for her article on Pluralizing Water Science!

Professor O'Leary's article is part of a special issue on Water Science and Collaboration. The ultimate, prize-winning articles evaluated and selected by the journal's Editor-in-Chief, Wil Burns who [said](#) "As was the case in the first year of our prize competition, we were blessed this year with a large number of excellent contributions...Our prize winner, Heather O'Leary, demonstrated the great pedagogical value of case studies, constructing a case focused on the critical role of the informal sector in water decision making in Delhi, and its implications for citizen participation in environmental decisions more broadly."

Prof. O'Leary [says](#) "What made this work so special is that I challenged social science researchers to become a solution to a double problem...Beyond the physical and social reasons why water is allocated unequally to different households, research about marginalized people doesn't necessarily solve things. Even when we, as scientists, try to do community engaged research, we sometimes replicate the structures that exclude citizens from the science making process."

More information [here](#).

Prof. O'Leary's [article](#) is open access for the next year.

### **New Policy Brief! A Study of Bangalore's Water Crisis: Key Findings and Policy Suggestions - IW Fellows Narayan and Sajjanhar**

This policy brief from two of our IW fellows, summarizes the findings and analysis of a study on water governance in Bangalore, India and offers recommendations to curb the negative impact of urban expansion on the city's water distribution networks. They describe that the Bangalore Water Supply and Sewerage Board (BWSSB) pumps around 1,500 million litres of water per day from the Cauvery river (Rajashekhar, 2015). This is distributed unevenly across the city and fails to meet current water demand. Rampant groundwater extraction, a private market of water vendors, and the destruction of Bangalore's many water bodies, characterizes the precarious water infrastructure of the city. They find that a lack of sufficient water supply is a key reason agriculture has become untenable for many small farmers on the city's fringe, enabling the government and developers to acquire and convert peripheral rural land into the expanding urban real estate market. Urban expansion onto the agrarian landscape - fields, forest and pasture commons, complex water-catchment system – has undermined water-intensive agrarian livelihoods as well as important avenues of recharge. This intensifies the prevailing insufficiencies surrounding water supply and access.

Read more [here](#).

### **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 - our members. We know that many of you have already benefited by using the IW Network to connect to like minded scholars and practitioners around the world. We want to build on those successes. In particular, we'd like to invite others to become members of the Network.

If you would like to be added as a member of the Network (or if you would like to enrich your collaborations as a current member), please send a short statement how your work aligns with our goals and a current CV to [internationalwatersubc@gmail.com](mailto:internationalwatersubc@gmail.com). We hope to share this information more broadly to help our members better connect and work on projects, grants, and scholarship. We will likely follow up in the coming months with more formal listing and recognition of our members (of instance, profiling your work in our newsletters or including you as a network member on our webpage).

### **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 IW at UBC, but the site required we select a school.

Please follow us [here](#).

### **Dropbox, 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 pdf's of member articles, collected job and funding announcements, and member's CV's. If you have not already, please send an updated CV (pdf) to [internationalwatersubc@gmail.com](mailto:internationalwatersubc@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**

### **Post-Doctoral Research Associate Opening - Water Governance, Finance and Public Policy - Texas A&M University**

The Postdoctoral Research Associate will focus on issues of governance, management, budget and finance, and operations related to water desalination and water reuse in the United States, Israel, and Australia. Deliverables include developing desalination and wastewater reuse profiles for select cases that describe the diverse technology pathways, private sector investment, local community and civic participation, approaches to integrate ideas and practices of sustainability with local environmental systems, infrastructure financing, and long term fiscal sustainability. Methods may include secondary source research, key actor interviews, field visits, social network analysis, and survey implementation. In addition to pursuing data collection, the researcher will collaborate with PIs and other research team members in various ways, such as compiling literature reviews, analyzing data, and co-authoring publications. This is a 12 month term position for a year with a possibility of reappointment for a second year.

More information [here](#).

### **3-year scholarship for a PhD with a focus in climate change and development (2020 to 2022) - African Research Universities Alliance**

ARUA-CD is inviting black South Africans interested in undertaking a PhD with a focus in climate change and development to apply for the ARUA-CD three-year PhD scholarship.

Deadline: 31 August 2019.

Read more [here](#).

### **1-year scholarship for the 2019 ACDI Master's in Climate Change and Development by Coursework - African Research Universities Alliance**

ARUA-CD is inviting black South Africans interested in completing the 2020 [ACDI Master's in Climate Change and Development](#) to apply for an ARUA-CD scholarship.

Deadline: 31 August 2019

Read more [here](#).

### **Hubert H. Humphrey Fellowship Program - Various**

Fellowships for young and mid-career researcher to spend a year at a host institution in the USA.

Deadline 15 August 2019

Read more [here](#).

### **Spanish-speaking Project Manager - SouthSouthNorth - Cape Town South Africa**

Work with the Gestión 2 Project Management Team (including staff from the SouthSouthNorth operations, contracts and finance teams). Based at SouthSouthNorth, in Cape Town.

Deadline: Applications will remain open until a suitable candidate is found.

## **Funding**

### **RFP: LASER PULSE (funded by USAID)**

[LASER PULSE](#), which is a collaboration among Purdue University, University of Notre Dame, and Catholic Relief Services along with 50 other network partners, offer opportunities to network and respond to RFPs tied to key challenges in international development. Water

security is a major theme for the LASER PULSE initiative. Their main activities include; forming and curating a technically and geographically diverse network of individual university researchers, centers, and institutions, Identifying key questions in international development research, convening up to 8 regional [Research for Development \(R4D\) conferences](#) over 4 years, funding research awards to Network members, especially to increase the human and institutional capacity of LMIC (low and middle income countries) HEI's (higher education institution), supporting the translation and dissemination of research findings, and building the capacity of LASER researchers to contribute to policy or development of practitioner-friendly outputs.

The research for development (R4D) model is the centerpiece for their multi-year program. The first RFPs (\$100K-200K grants) will be open soon for research in Uganda, Tanzania, and Kenya. Other regions will have other RFPs in the next 18 months.

Join the network [here](#) to learn more.

### **Research Training Fellowship for Developing Country Scientists**

Provides opportunity to 60 young researchers from developing countries to carry out short-term (6 month) research through an affiliation with premier academic and research institutions in India. Full financial support is provided to the research fellows for their international travel, subsistence allowance, research contingency, domestic travel in India, etc. Applications can be submitted from 1 April - 30 September annually. Read more [here](#).

## **Member spotlight**

In this newsletter we will feature two of our IW Fellows whose recent Policy Brief, A Study of Bangalore's Water Crisis: Key Findings and Policy Suggestions, was mentioned earlier.

### **Anuradha Sajjanhar**

Anuradha is currently entering her fifth year of her doctorate in Sociology at the University of Minnesota. Her dissertation studies how political parties and policymaking elites build claims to democratic legitimacy and technocratic credibility amidst shifting notions of "anti-intellectual" expertise. Her research interrogates how policymaking and political elites shape dominant moral and political discourse in contemporary India. Prior to starting her Ph.D, Anuradha worked at

Brookings India in New Delhi for several years. She has an MA in Sociology from the Delhi School of Economics, and a BA in English Literature from the University of York, UK.



Sajjanhar, Anuradha. “Tracking Technocracy: Political and policy professionalisation in Indian democracy”, in preparation for *Politics and Policy*

Sajjanhar, Anuradha. “The leader becomes the truth: Legitimation, persuasion, and propagation by right-wing think tanks in India”, in preparation for *Third World Quarterly*

Sajjanhar, Anuradha. “Democratic legitimacy and technocratic credibility: Shifting forms of “expertise” in India”, in preparation for *Journal of Political Power*

### **Devika Narayan**

Devika Narayan is a PhD Student in the Department of Sociology at the University of Minnesota, Minneapolis, USA. At the U of M, she is a Fellow at the Interdisciplinary Center for the Study of Social Change and the Charles Babbage Institute. Her doctoral project focuses on the structural changes underway in India’s software industry – the strategic, organizational and workforce-related issues that emerge in the face of disruptive technological shifts. Devika is also keenly interested in financialization and urban infrastructure. Her broad research and teaching areas include industrial/economic sociology, sociology of work and organizations, and urban studies.



Goldman, Michael, and Narayan, Devika. 2019. "Water Crisis through the Analytic of Urban Transformation: An Analysis of Bangalore's Hydrosocial Regimes." *Water International* 44 (2): 95–114.

Narayan, Devika. 2017. "Decoding Disruption: Lay-Offs in the Software Industry." *Economic and Political Weekly* 52 (22): 16–19.

## 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](mailto:internationalwatersubc@gmail.com).

### **Human Geography 12.1: Special Issue on hydro-social intersections**

Goldin, Jacqueline. 2019. "[Guest Editor's Introduction Reflections on Resilience and Vulnerability: Hydro-Social Intersections with Equity and Social Justice.](#)" *Human Geography* 12 (1): 1–4.

Goldin, Jacqueline, Cobus Botha, Thabiso Koatla, Kobus Anderson, Germaine Owen, and Ally Lebesse. 2019. "[Towards a Gender Sensitive Vulnerability Assessment for Climate Change: Lambani, Limpopo Province, South Africa.](#)" *Human Geography* 12 (1): 19–32.

Musemwa, Muchaparara. 2019. "[Climate and Societal Interaction in Southwestern Matabeleland, Colonial Zimbabwe: The Drought of 1964-66 and Its Antecedents.](#)" *Human Geography* 12 (1): 5–18.

Sutherland, Catherine, Debra Roberts, and Jo Douwes. 2019. "[Constructing Resilience at Three Scales: The 100 Resilient Cities](#)"

[Programme, Durban's Resilience Journey and Water Resilience in the Palmiet Catchment.](#)” *Human Geography* 12 (1): 33–49.

Galvin, Mary. 2019. “[Making Community-Based Adaptation a Reality: Different Conceptualisations, Different Politics.](#)” *Human Geography* 12 (1): 50–63.

Enqvist, Johan P., and Gina Ziervogel. 2019. “[Water Governance and Justice in Cape Town: An Overview.](#)” *Wiley Interdisciplinary Reviews: Water* 149 (May): e1354.

## Conferences

**Call for Panelists - Decolonise STEM: Resisting, Unlearning, and Imagining**  
**October 5th 2019**

We are pleased to announce the symposium – Decolonise STEM: Resisting, Unlearning, and Imagining – taking place on Saturday October 5th 2019 at University College London, supported in part by the Department of Science and Technology Studies and the Wellcome Trust. We are welcoming applications for panellists to take part in what we hope will be an important and empowering day. Please continue reading for details about the organising collective, the aims of the symposium and panels, as well as how to apply.

More information [here](#).

Deadline: August 17th, 2019

Contact: [decolonisestem@gmail.com](mailto:decolonisestem@gmail.com)

**OU International Water Conference - Quest for Water Security: Quantity, Quality and Equity.**  
**September 16-17, Post-conference workshops September 18th**

The 2019 OU International WaTER Conference will gatherer around 200 participants from multiple disciplines with a common goal of bringing water and sanitation to developing countries. Attendees will include water and sanitation experts, students, and interested attendees from academia, industry, NGOs, government and foundations. The two-day conference will include a poster and concurrent oral presentation sessions devoted to all technical and non-technical topics and sectors (e.g., science, engineering, health, anthropology, sociology, business, meteorology, geography, education and cultural issues) relevant to water and sanitation in remote regions

of developing countries.

More information [here](#).

# Educational Opportunities

## **Making Waveforms: Short Certificate Course November/December 2019**

Making Waveforms is an outdoor-education-meets-art-activism program championing global water justice hosted by Rhodes University's Environmental Learning Research Centre in collaboration with the University of Cape Town's Future Water Institute. Add your voice to the Cape Town Water Museum by making a creative and critical, site-specific video. Drawing from the notion that people are experts in matters that pertain to their own lives and wellbeing, the aim is to map how and why certain water sources are chosen by Cape Town's citizens and the many ways that water is meaningful in their lives. Both a physical and virtual museum are being created. Videos made by participants in the Making Waveforms program will become part of the Cape Town Water Museum and will be launched at Iziko's South African Museum. Read more [here](#).

## Of Interest

### **CFP: Special issue in Water Security Water, adaptation and resilience – A meta-review of promising interventions and core principles**

The literature on climate change adaptation in the water sector is vast and often comprised of numerous case studies which are grounded on rich, original data, but often fail to a) rigorously identify which processes of climate change or extreme conditions/ events are the drivers (i.e., adaptation to what), or b) present encompassing and generalized assessments of the "success" of those adaptation measures. Thus, explicit definition of the criteria for "success" (qualitative and quantitative criteria) is necessary. A rational approach would be to look at both the extreme regimes experienced in the past, decadal prediction and then century -cale scenarios in designing short and long term adaptation strategies, including, for example, migration. In order to advance societal understanding and policy-making of desirable and effective adaptation interventions in the water sector, meta- analyses are urgently needed. The focus of this meta-review will be to identify

and assess the factors (hydro-meteorological information, technical, economic, financial, social, institutional, governance, etc.) that help or impede the success of adaptation interventions. This special issue will include meta-reviews of water-related adaptation interventions in the various water use sub-sectors and, as appropriate, it will consider case-study analysis, specifically related to: Drinking water at a range of scales Water, sanitation, and health (WASH) Agricultural water management (including rainfed as well as irrigated agriculture) Urban and municipal water management, including green infrastructure, water reuse Groundwater (in agriculture, or urban contexts) Systems approaches including IWRM, IRBM, and WEF Nexus Water for ecosystems Water-induced disasters Water for energy and industry Each meta-analysis will be rigorous and based on 30 to 50 existing scientific peer reviewed articles of case studies related to the specific topics (or water use sub-sectors) outlined above. The case studies for meta-review are recent and preferably, published after 2014. Meta-reviews are rigorous and follow some of the basic principles of systematic review, such as clearly laid out inclusion and exclusion criteria; clear description of quantitative or qualitative metrics of success against which all case studies can be coded, compared and synthesized; and explicit enunciation of assumptions such as weight given to various indicators; cross-check of subjective scores assigned to indicators by multiple authors; and clear description of meta-review methodology deployed by the authors. While causal analysis is preferred, we realise that the nature of the primary case studies may not always be amenable to causal reviews; hence, reviews that are not strictly causal are also welcome. Meta-reviews can be either global (that is, include case studies on one of the topics mentioned above, from all parts of the globe); or regional (focus on a sub-sector above, but for only one or two selected regions of the world).

Submit your 500 word abstract to Aditi Mukherji [a.mukherji@cgiar.org](mailto:a.mukherji@cgiar.org) and Martina A Caretta [martina.caretta@mail.wvu.edu](mailto:martina.caretta@mail.wvu.edu) no later than August 14th, 2019 (12:00 midnight GMT).

### **Online Survey - Call for Stakeholders Contributions**

The OECD is presently calling for stakeholders' contributions to take part in the various components of this programme that will be held within the next two years and that include: a regional survey on water governance in Africa; at least three policy dialogues at different scales (country, basin, city); an online-repository of solutions for better water security in Africa; and a set of cross-cutting activities to foster capacity, raise awareness, and share best practices. The programme will deliver

concrete outputs for the 9th World Water Forum (Dakar, 2021) in the form of reports, infographics and user-friendly tools, a communication campaign, online datasets and toolkits.

If you are willing to join us and contribute, we would appreciate you fill in our quick [online](#) survey.

### **Call for input - Special Rapporteur on the Human Rights to Safe Drinking Water and Sanitation - visit to Benin**

For each official fact finding visits, the UN Special Rapporteur team and prepares extensively starting with desk research and reaching out to relevant stakeholders prior to the visit. The preparation helps them to understand the country better and to coordinate with the Government on the programme of the visit which includes field visits to rural and peri-urban areas and meetings with stakeholders. As part of the preparation of the visit to Benin, they are am seeking for information relevant to access to water and sanitation (from a human rights perspective), places to for field-visits and suggestions for people to meet.

More information [here](#) or contact [srwatersan@ohchr.org](mailto:srwatersan@ohchr.org).

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