



World Water Week | Programme

Water, ecosystems and human development

26–31 August 2018

Welcome to Stockholm!

Photo: Thomas Henriksson



For many of us, World Water Week is one of the highlights of the year. Not only is it an opportunity to meet new friends and catch up with old ones, but it is also a chance to move forward on solutions to one of the biggest challenges of our time.

More and more people realize that we urgently need to manage water more wisely and fairly than we have, and that it won't be easy. We need to work together, with each other and with nature. We need to innovate but also learn to make better use of traditional knowledge.

The theme of this year's World Water Week – Water, Ecosystems and Human Development – is an excellent starting point for the many conversations we must have about this. With climate change, increased water variability and stressed ecosystems, we need new approaches to development and planning so that we can build more resilient and resourceful societies.

The Week has a key role to play in the creation of this new, more water-efficient world. At SIWI, we pride ourselves of being able to bring together the best minds in water. In this programme you will find almost 300 sessions, to inspire, educate, and challenge us to work even harder for a water wise future.

Welcome to Stockholm!

Torgny Holmgren
Executive Director
Stockholm International Water Institute



SIWI is a water institute. Our vision is a water wise world, where we recognize the value of water, and ensure that it is shared and allocated sustainably, equitably and efficiently, to meet everyone's basic needs. We leverage knowledge and our convening power to strengthen water governance for a just, prosperous, and sustainable future.

2018 Stockholm Water Prize Laureates



Professor Bruce Rittmann, from the USA, and Professor Mark van Loosdrecht, from the Netherlands, have been named the 2018 Stockholm Water Prize Laureate for their revolutionizing microbiological-based technologies in water and wastewater treatment. Professors Mark van Loosdrecht and Bruce Rittmann have demonstrated the possibilities to remove harmful contaminants from water, cut wastewater treatment costs, reduce energy consumption, and even recover chemicals and nutrients for recycling.

Their pioneering research and innovations have led to a new generation of energy-efficient water treatment processes that can effectively extract nutrients and other chemicals – both valuable and harmful – from wastewater.

Mark van Loosdrecht is Professor in Environmental Biotechnology at Delft University of Technology, The Netherlands. Bruce Rittmann is Regents' Professor of Environmental Engineering and Director of the Biodesign Swette Center for Environmental Biotechnology at the Biodesign Institute, Arizona State University, USA.

The Founders of the Stockholm Water Prize are:

Bacardi, Europeiska ERV, Poul Due Jensen Foundation, Ragn-Sells, Water Environment Federation (WEF), Xylem and Ålandsbanken

Would you like to nominate someone who you think has made remarkable achievements in water? Nominate now for the 2019 edition of the Stockholm Water Prize – the world's most prestigious prize in water. www.siwi.org/prizes/stockholmwaterprize/nominate/

Deadline for nominations is 30 September 2018.

Design: Laura Inkapööl
Cover photo: iStock.

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Filming this #WWWeek: A MOOC on SDG 6

During World Water Week, representatives from the global water community will record lectures that will form an interactive course on SDG 6, to launch in 2019. Together with SIWI and IWMI, the massive open online course (MOOC), *Water Security for a Changing Planet*, will be produced by the UN Sustainable Development Solutions Network's SDG Academy.

Part of a larger series of graduate-level free courses, this edition will be tailored towards non-water experts. It will introduce the world's water challenges and opportunities, and help illustrate the connectivity between the Goals and necessity of water to their realization.

The course will seek to help students from around the world to understand the role of water in all aspects of society – in particular, in relation to their future careers. Do you know a group that might like to participate in the course in 2019? Contact coms@siwi.org or visit <https://courses.sdgacademy.org/> for more information.

World Water Week goes LIVE!



Want to get the most out of your Week? We'll be bringing you live sessions daily showcasing some of the best the Week has to offer. Get live updates and ask your questions using #WWWeek and #Live. See the schedule at www.worldwaterweek.org/live or in the World Water Week App.



Wireless connection

WiFi will be accessible without charge and login information will be available on site.

This announcement is published by the Stockholm International Water Institute, Sweden. The content, programme and other activities of World Water Week was published 6 August 2018 and are subject to change. For latest information please visit www.worldwaterweek.org or the WWW App.



About World Water Week

The idea that became SIWI stems from three linked events in Stockholm in 1991. The Stockholm Water Festival invited the public to celebrate water in the streets of Stockholm, the Stockholm Water Symposium gathered some hundred scientists to discuss the global water challenges, and Stockholm Water Prize, under the patronage of H.M. King Carl XVI Gustaf of Sweden, was awarded for the first time, in recognition of outstanding achievements in water-related activities. World Water Week, a further development of the Stockholm Water Symposium, is today the world's leading annual water event and Stockholm Water Prize the most prestigious water award.

Each Week has a thematic scope designed to frame the discourse and sessions of that year. It is written by the

Scientific Programme Committee. All seminar abstracts and session proposals are reviewed with it in mind, likewise the Senior and Junior Rapporteurs – experts and young professionals, keep the thematic scope as their reference point when reporting on all sessions in order to extract and refine the key takeaways from the Week.

The theme is explored in the opening plenary (which actually takes place on day two of the Week) and is anchored by the closing plenary on the Friday morning. The Rapporteur teams' findings are presented at the closing plenary and feed into the Overarching Conclusions published after the Week.

Key Collaborating Partners

Each year, we team up with three Key Collaborating Partners to widen the reach of the Week, enrich the discussions, and encourage participation. In 2018, the Key Collaborating Partners are:

African Development Bank (AfDB) | The AfDB Strategy for 2013–2022 calls for substantial “investments in integrated water development and management to attain sustainable water, food and energy security for green and inclusive growth”. This is in direct support of the 2025 Africa Water Vision for equitable and sustainable use and management of water resources for poverty alleviation, socioeconomic development, regional cooperation and the environment; as well as the SDGs. The 2018 theme resonates with the Bank's agenda.



The Nature Conservancy (TNC) | is a global conservation organization dedicated to conserving the lands and waters on which all life depends. Guided by science, we create innovative, on-the-ground solutions to the world's toughest environmental challenges. Being a 2018 Key Collaborating Partner is an important part of our strategy to bring together public and private stakeholders to advance more sustainable watershed management through nature-based solutions.

World Water Assessment Programme (WWAP) of UNESCO | “You can't manage what you don't measure.” Providing a real picture of the state, use and management of water resources worldwide is at the heart of the mandate of the UN World Water Assessment Programme (WWAP) of UNESCO. The programme coordinates the production of key evidence-based knowledge products (annual UN World Water Development Report, SDG 6 Synthesis Report) on behalf of UN-Water in close cooperation with many Members and Partners.



The theme

Water, ecosystems and human development

In the third year of implementing the 2030 Agenda for Sustainable Development, the 2018 World Water Week focuses on the very basis of our existence: the ecosystems on which all life depends, and the critical role of water in their functions. We depend on healthy ecosystems as habitats for plant and animal life, and for services for human development and well-being. In our development efforts, we invariably affect and change our environment, but we need to do so without compromising the sustainability of vital ecosystems. The UN focuses on “nature-based solutions” as the theme for the 2018 World Water Day and World Water Development Report. In Stockholm, we align the present 2018 Thematic Scope with this, and we go further to explore the wider water, ecosystems and human development agenda.

The 17 Sustainable Development Goals (SDGs) and Paris Climate Agreement, set ambitious targets for our future development. The present Thematic Scope focuses in particular on SDG 6, target 6: “by 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes”; SDG 15, target 1: “by 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands”; and SDG 9.1 “develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all”. While each of the SDG targets have one or more indicators through which the performance in achieving the targets is monitored, the inter-dependence between them needs to be recognized and guide integrated development. Considering the 14th global Conference of the Parties to the Biodiversity Convention in late 2018 the bio-diversity dimension of ecosystem development and management will be given special attention.

The Thematic Scope below outlines the rationale and overall content of the theme “Water, ecosystems and human development”.

The systems perspective – water and ecosystems from source to sea | Whether living in rural or urban areas, in mountains or near the coast, we all live in river basins in which upstream developments affect downstream conditions. On its way from hilltop to ocean water sustains terrestrial and aquatic ecosystems that regulate flows and water quality while providing services for

our development and livelihoods. At the downstream end, where deltas and estuaries connect to the sea, river sediments and pollutants, from point and non-point sources, determine the morphology of the coasts and quality of marine waters.

Hence, we need to understand and manage our river basins, and the ecosystems within them, holistically, as one inter-dependent system. Climate change exacerbates the challenge, and we need to master risk management and resilience building to cope with change and reduce the impacts of disasters. Well understood and well managed, our ecosystems can play an important role in adaptation to climate change.

With over half of the world’s population living in cities by mid-century, the majority near the coast or at navigable rivers, holistic system thinking also calls for addressing rural-urban linkages as highlighted in SDG 11 and the New Urban Agenda adopted by Habitat 3 in 2016.

The development perspective – balancing green and grey solutions

As societies develop, we build infrastructure that changes the landscape and alters the patterns of water flows, along with the substances and sediments that they carry. While such developments can create economic and social benefits, they often come at a cost to the environment. Conventional “grey” investments adversely affect both natural habitats and biodiversity and ecosystem services to people who depend on the land, forests, rivers, lakes and wetlands for their living. By changing the environmental determinants of health, they may also affect the health status of communities with important economic and social consequences. While such trade-offs are inevitable, nature-based solutions, and “green” investments, that take advantage of the natural systems and processes can create win-win situations that provide economic and societal benefits while maintaining ecosystem integrity or even improving environmental conditions. Examples include soil and water management in the watersheds, wetland and mangrove restoration, groundwater recharge and storage, rainwater harvesting, buffer zone management, nature-based wastewater management and agro-forestry. These kinds of activities provide similar benefits as built infrastructure, and they may also serve to improve erosion and sedimentation management and nutrient recycling, along with natural solutions to flood management by creating ‘room for the river’ or utilize green spaces in the urban environment.

While nature-based solutions should be the first option to consider, we still need to build physical infrastructure, such as dams, to store and regulate flows to provide water supply, irrigation, energy and control of floods and droughts. It is not an either-or, but a question of complementarity and finding the right balance and economic trade-offs. We also need to protect existing infrastructure and other capital and social assets by building resilience to extreme events and projected climate change and increased variability.

In the spirit of a circular economy our approach to development and growth needs to be increasingly multi-faceted and green. This is particularly evident in how industrialisation and consumption patterns affect ecosystems beyond our geographic proximity as we trade goods and services globally.

The human and social perspective – a people's agenda

Humans have always depended on livelihoods derived from ecosystems; millions of people, including many of the world's poorest, still sustain their daily lives through rain-fed farming, agro-forestry and inland fisheries. Human health and well-being depend on how we manage and protect the natural systems around us, and we need to do so by tapping into traditional knowledge and aspirations of the local population, men and women, old and young. Respect for ecosystems values require understanding of their vital role in sustaining life and underpinning development and need to translate into responsible human behaviour, from farmers, fishermen, workers and consumers. This calls for awareness, education and capacity development at all levels of society.

The economic perspective – rethinking ecosystems values

Understanding ecosystem values and quantifying natural capital are critical to any economic analysis of development scenarios, investments and financing strategies. That includes both tangible values that can be translated into monetary terms, and intangible values such as biodiversity, culture, recreation and natural and scenic beauty. It particularly concerns human health, as communities caught in the poverty trap may be forced to use their natural resources base unsustainably. Investments in infrastructure, whether built or natural, as well as payment for ecosystem services, must be based on a proper assessment of environmental and social ecosystem cost and benefits. The circular economy, including the reuse and recycling of wastewater and nutrients, has significant potential in applying innovative systems thinking to ecosystem management.

Financing strategies usually build on a range of legal and market-based instruments, including taxes, royalties and fees. Future strategies might take a value-based systems approach to economic analyses taking into account ecosystems as a whole, transitioning from a sectoral to an ecosystems perspective on pricing. Nature-based solutions may open new potentials for adaptation finance.

The governance perspective – towards integrated water and ecosystems management

Good water and ecosystem governance is at the heart of the triple bottom line for sustainable development: economic, social and environmental. While our ecosystems underpin all development, they also represent competing demands for water among the human needs for water supply, food, energy and other uses. The ecosystems approach to water management, including consideration of environmental flows, is complementary to integrated water resources management (IWRM) that has been adopted as SDG 6, target 5, and constitutes the overall approach to water governance. The ecosystem dimension of the 'water, energy and food security nexus' needs to be better explored, including its transboundary and trade aspects. The public good nature of the ecosystems can provide benefits to communities and countries sharing them, thereby creating incentives for improving cooperation. These approaches should also align with integrated coastal management downstream, and integrated urban water management for the towns and cities in the basins concerned.

We must also address increasing risks and uncertainties due to climate change, such as long term hydrologic changes, sea level rise and increased variability and extreme weather events. These challenges, if not addressed, can result in regional security issues for states and regions. Increasingly degrading ecosystems in the world's semi-arid and arid areas erode the livelihoods for poor people who respond by migrating towards better opportunities elsewhere.

Citizen stewardship can contribute to mobilizing collective action through environmental advocacy and shared knowledge and understanding, involving traditional authorities, local communities and tribal populations. Public-private-civic partnerships with appropriate roles for private sector and industry can mobilize important actors and create new partners for ecosystem-sensitive development.

Scientific Programme Committee

The Scientific Programme Committee (SPC) is comprised of professors, scientists, and experts from water and development related fields. Their role includes development of the World Water Week thematic scope and seminars. Members are:

- Dr Torkil Jønych Clausen, SIWI (Chair)
- José Carrera, CAF – Development Bank of Latin America
- Prof Gyewoon Choi, Incheon National University
- Dr Guillermo Donoso Harris, Pontificia Universidad Católica de Chile
- Dr Phil Graham, SMHI
- Dr Jenny Grönwall, SIWI
- Dipak Gyawali, Nepal Academy of Science and Technology
- Dr Anders Jägerskog, World Bank
- Eiman Karar, UNEP
- Dr Louise Karlberg, SEI
- Dr Marianne Kjellén, UNDP
- Jon Lane, Independent consultant
- Karin Lexén, Swedish Society for Nature Conservation
- Maimuna Nalubega, AfDB (co-opted member)
- Rami Narte, Nordic Agency for Sustainable Impact
- Dr Belynda Petrie, OneWorld
- Dr Diego Rodríguez, World Bank
- Will Sarni, Water Foundry
- Dr Danka Thalmeinerova, GWP
- Stefan Uhlenbrook, WWAP (co-opted member)
- Kari Vigerstøl, TNC (co-opted member)
- Torgny Holmgren, SIWI (Vice Chair)
- Adrián Puigarnau, SIWI
- Ingrid Stangberg, SIWI (Secretary)

Young Scientific Programme Committee

The Young Scientific Programme Committee supports the Scientific Programme Committee by screening and reviewing the abstracts for each of the seminars, and setting the seminar programmes. Members are:

- Caroline Brown, Pegasys Strategy and Development
- Nicole Dinion, Ericsson
- Yuji Enriquez, Philippines
- Sara-Jade Govia, Ministry of Public Utilities, Republic of Trinidad and Tobago.
- Anita Lazurko, Canada
- Laban Misinguzi, National Fisheries Resources Research Institute, Uganda
- Frances Nixon, Environment Agency, UK
- Maya Velis, Ministry for Infrastructure and Water Management, The Netherlands
- Natasha Westheimer, Office of the Quartet

Reporting teams

Each year, 18 young professionals are selected to be junior rapporteurs, contributing to World Water Week reporting back. With guidance from six senior rapporteurs, they extract and distil the cross-cutting and future-oriented knowledge and trends that emerge during the Week. Using the three pillars of sustainability – economic, social and environment – they highlight successful tools, initiatives, best practice, and lessons learnt with a solution-based approach, that feed into international processes on science and policy development. The outcomes are presented in the closing plenary on Friday 31 August and in the Overarching Conclusions published after the Week.

2018 World Water Week rapporteurs:

Economic team

Senior rapporteurs

Dr Danka Thalmeinerova, GWP
Vinayak Subramanyam, Xylem

Junior rapporteurs

Alqayam Meghji, UK
Muhammad Adryan Sasongko, Indonesia
Hampus Nilsson, Sweden
Hannah Elizabeth Paton, US
Amali Abraham Amali, Nigeria
Lauren V. Bosche, US

Social team

Senior rapporteurs

Bianca Shead, TNC
Dr Zodwa Dlamini, Independent consultant

Junior rapporteurs

Claudius Mpofu, Zimbabwe
Md Tahmidul Islam, Bangladesh
Nicholas Haluska, US
Emelie Glad, Sweden
Silvia Cardascia, Italy
Roaa Hamid, Sudan

Environmental team

Senior rapporteurs

Angela Renata Cordeiro Ortigara, UNESCO
Samer Talozi, Jordan University

Junior rapporteurs

David Falk, Sweden
Colleen Cranmer, Canada
Nicole Chabaneix, Peru
Krupesh Patel, India
Gabriel Sainz, Spain
Felipe Fischmann, Brazil

Gold Standard

As part of our effort to make World Water Week more inclusive and innovative, we have introduced Gold Standard certification for sessions that fulfil a set of criteria.

Criteria include:

- **Gender representation:** At least 40% of presenters are female. The aim is a balanced gender representation.
- **Young professional representation:** At least one presenter is under the age of 35.
- **Innovative format:** Session format encourages audience participation.

Sessions that fulfil these criteria are indicated by a yellow star next to the title.

Types of sessions at World Water Week

The Week is composed of four different types of content sessions – Events, Showcases, Sofas and Seminars. Sessions are selected by SIWI based on an open proposal submission. The programmes of the sessions are decided by the organization(s) that submit the proposal.

Events

Events are sessions that aim to advance knowledge and new thinking and/or present new findings.

Showcases

A Showcase is a space where organizations can tell their water stories, promote different approaches and share their perspectives, initiatives, tools, reports and projects.

Sofa

The Sofas could be described as a cross between a speakers' corner and an interview studio. Experts, decision-makers and leaders are interviewed live, on camera, on a variety of water and development-related issues.

Seminars

Each year, nine different topics that relate to the thematic scope are chosen by the SPC to form the basis for the seminars. The core of the seminars are the abstracts which have been submitted through an open process. The abstracts are reviewed by the SPC, who selects the most versatile and dynamic presentations in regard to content, innovation and regional and sectorial diversity.

The seminar programme is developed by SIWI with the help from co-convenors and span over an entire day. Although they cover a whole day, they consist of three separate sessions where each session can be attended as a standalone seminar as well.



Photo: Nayerreh Rajabi

Our Assistants

Each year, over 90 water and development professionals at the beginning of their careers volunteer as assistants to make the Week what it is. They come from all over the world to take part in the conference and work tirelessly over the Week; making sure that the conference abides by local rules and regulations regarding room capacities, answering participants' questions, helping presenters prepare for their sessions and generally ensuring the smooth running of the Week. They are the eyes, ears and arms of the Secretariat and we ask participants to show them the appreciation they deserve.

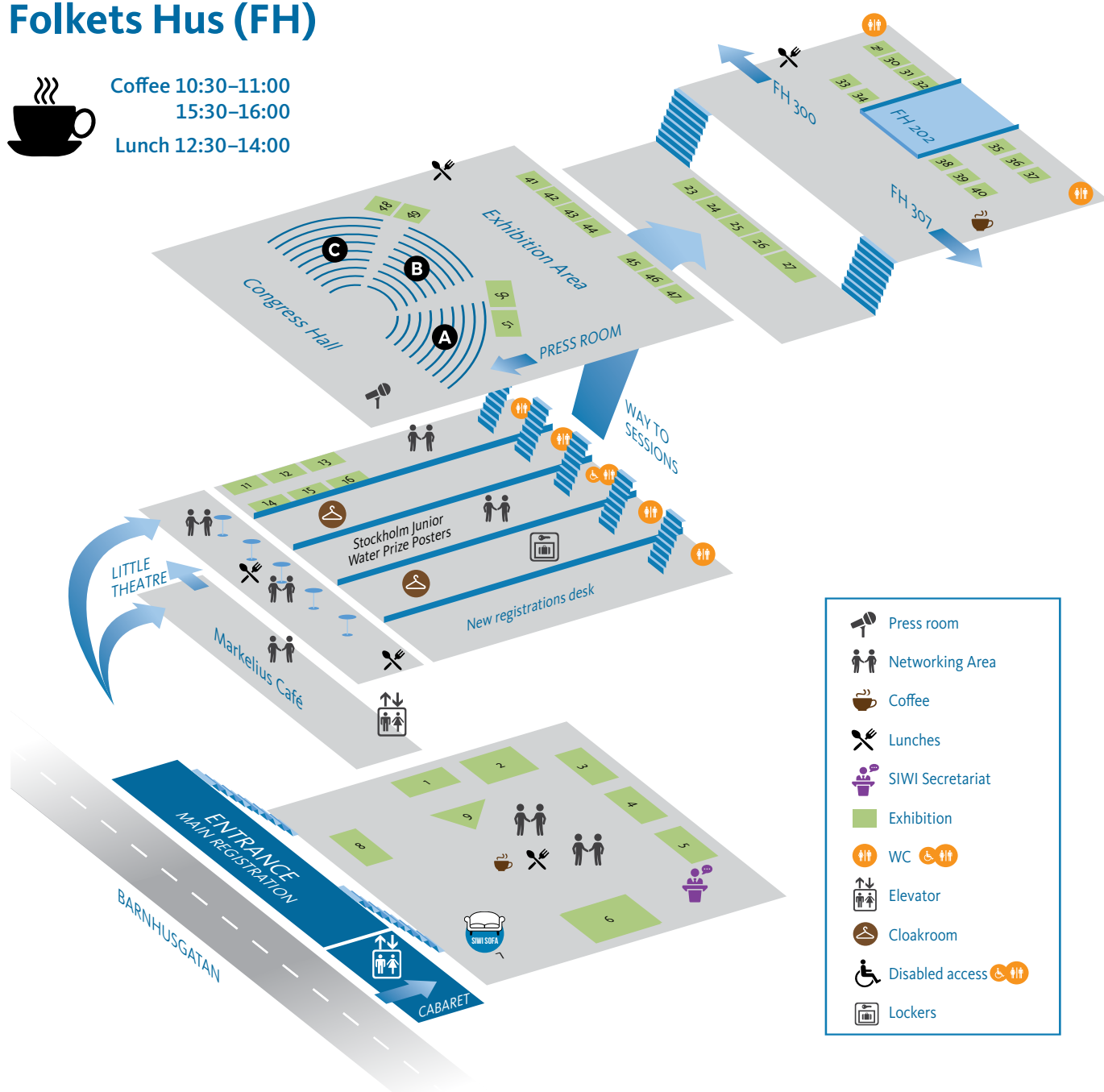
Folkets Hus (FH)



Coffee 10:30–11:00

15:30–16:00

Lunch 12:30–14:00



Exhibiting Organizations

1	Netherlands Pavilion	31	UNDP
2	Australia – water partners for development	32	WaterLex & OHCHR
3	World Bank Group	33	Sida
4	SIWI – Stockholm International Water Institute	34	United Nations University (UNU-FLORES & UNU-INWEH)
5	Xylem Inc.	35	Food and Agriculture Organization of the United Nations (FAO)
6	Swiss Water Partnership	36	UNESCO Water Family
7	SIWI Sofa	37	Water Supply and Sanitation Collaborative Council (WSSCC)
8	tbc	38	Water & Sanitation for the Urban Poor
9	tbc	39	UN Environment
11	Stockholm Environment Institute, SEI	40	UN-Water
12	Changing Water Behaviour in Maghreb - Challenges and Approaches	41	tbc
13	Argentina	42	Plastic in the Environment – Sources, Sinks, Solutions
14	CIDS: Innovation Centre for the Sustainable Development	43	Scaling up Safe Water Enterprises
15	ARPA EMC	44	Sustainable Sanitation Alliance - SuSanA
16	Practical Action Publishing	45	IWMI / WLE
23	Arizona State University	46	Global Water Partnership
24	Water Sector Trust Fund, Kenya	47	Finland
25	Agenda For Change	48	WWF - Valuing rivers
26	Water Mission	49	Eye on Latin America and the Caribbean Exhibition Stand
27/28	Nestlé	50	French Water Partnership
29/30	UNICEF & WHO, Water, Sanitation, Hygiene and Health (WSH)	51	WaterAid

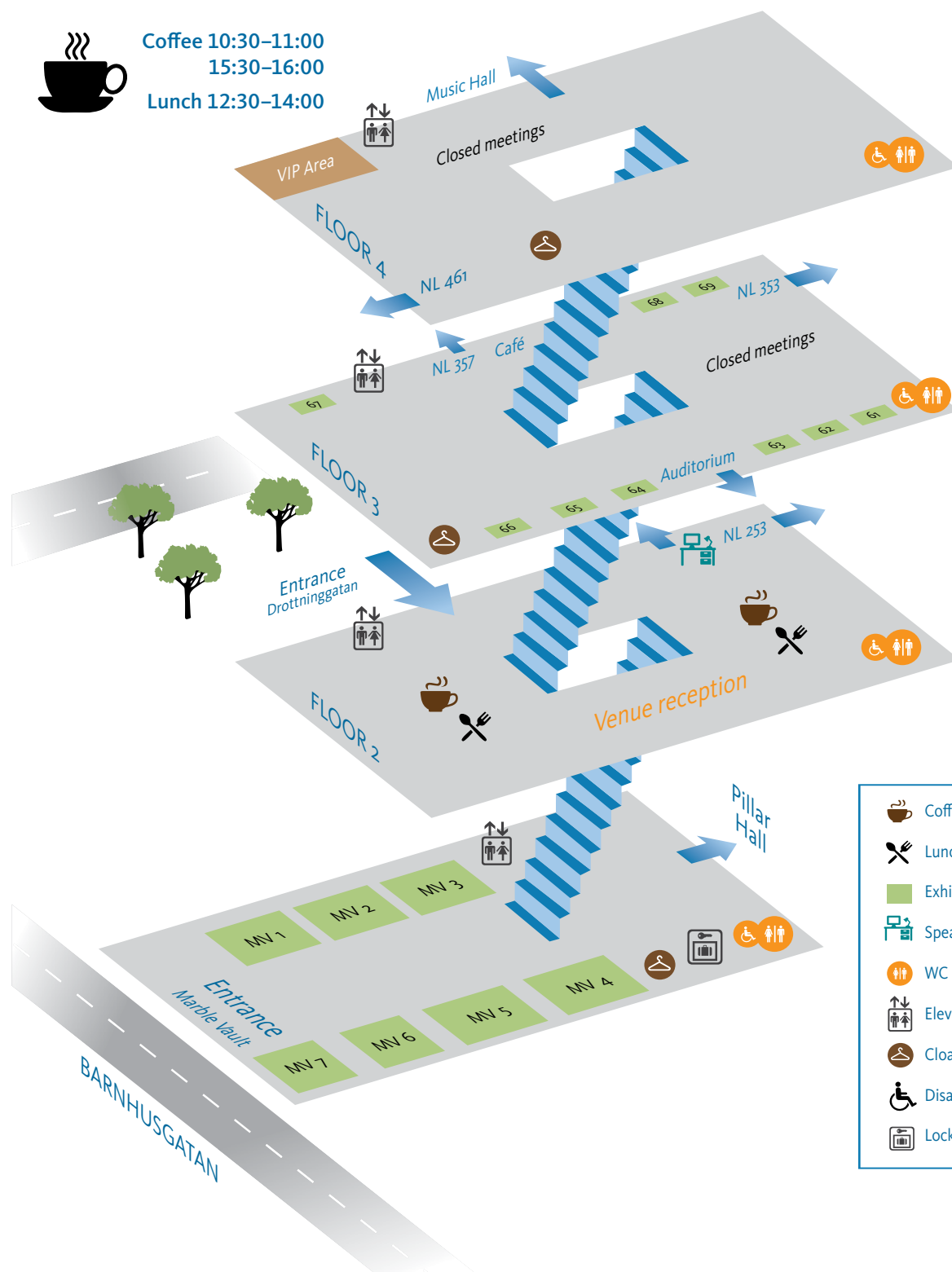
Norra Latin (NL)



Coffee 10:30–11:00

15:30–16:00

Lunch 12:30–14:00



	Coffee
	Lunches
	Exhibition
	Speakers' room
	WC
	Elevator
	Cloakroom
	Disabled access
	Lockers

Exhibiting Organizations

61	Japan Water Forum
62	Strategic Agenda
63	Global Water Scarcity Atlas
64	RUS Copernicus Cloud computing and water management from space
65	AFRIpads Ltd.
66	tbc
67	Global Green Growth Institute
68	Global Environment Facility - International Waters
69	Springer Nature

MV1	Young Professionals Booth
MV2	Korea Water Partnership
MV3	AWC & K-water Booth
MV4	The Nature Conservancy
MV5	African Development Bank Africa Hub
MV6	Securing Water for Food
MV7	RELX Group

SIWI STOCKHOLM WATER PRIZE

Awarded for the 28th time in 2018, the Stockholm Water Prize is the world's most respected award for outstanding water achievements. It honours women, men and organizations whose work contributes to the conservation and protection of water resources and to the well-being of the planet and its inhabitants.

The Laureate is announced in March, usually in conjunction with the UN World Water Day. She or he receives global acknowledgement and visibility, USD 150,000 and a specially designed prize sculpture by the Patron of the Prize, His Majesty King Carl XVI Gustaf of Sweden, at an award ceremony in

Stockholm City Hall. In 2018, the award will be presented by Her Royal Highness the Crown Princess of Sweden. She or he also has the privilege of presenting a lecture during the Week.

The Laureate is selected by the Stockholm Water Prize Nominating Committee, the Board of SIWI and the Board of Royal Swedish Academy of Sciences.

For full details on the nomination process please visit www.siwi.org/nominate.

Over the years, Stockholm Water Prize Laureates have represented a broad range of water-related activities, professions and scientific disciplines from all over the world. As part of SIWI's effort to move towards equal gender representation, in all aspects of its work, we specifically encourage the nomination of female candidates.

Founders:



SIWI STOCKHOLM JUNIOR WATER PRIZE

This year we welcome 48 brilliant students from 33 countries to compete in Stockholm Junior Water Prize.

For 22 years the Stockholm Junior Water Prize has brought together hundreds of thousands of 15–20 year olds from all around the globe. The competition gathers imaginative young minds, encouraging their continued interest in water and sustainability issues. We are honoured to have H.R.H. Crown Princess Victoria of Sweden as the Patron of the prize.

Stockholm Junior Water Prize is open to young people who have conducted water-related projects at local, regional, national or global levels with environmental, scientific, social and/ or technological importance. The aim of the competition is to increase awareness, interest and knowledge of water and the environment.

The international winner will receive a USD 15,000 award and a prize sculpture, the winner's school receives USD 5,000 and the winner of the Diploma of Excellence USD 3,000. H.R.H. Crown Princess Victoria of Sweden is the Patron of the Stockholm Junior Water Prize and Xylem is the Global Founding Sponsor.

Is your country missing? You want to engage?

Please contact Ania Andersch at ania.andersch@siwi.org

Who will be the winner this year?

The Stockholm Junior Water Prize award ceremony and dinner will take place on **Tuesday 28 August from 18:00 at Berns Salonger**. The Prize is awarded by H.R.H. Crown Princess Victoria. (By invitation only.)

Come check out the wonderful projects!

They are on display in Stockholm City Conference center, the center corridor on level 2 from Sunday 26 August. Don't forget to meet former participants in the WaterTank, the alumni system for SJWP! www.watertank.se

Founding Global Sponsor



Activities for Young Professionals

True to its vision to empower youth and young professionals, the Week 2018 hosts inspirational events with, for and by the next generation of water professionals, while also providing a platform for them to share ideas and build their networks.

These activities include sessions highlighting the role of young professionals in global discussions, a specially assigned networking area and a young professionals mingle!

Young Professionals Day | Sunday August 26

This is a day dedicated to those who have just launched their water careers. It is all about inspiring, motivating and empowering the next generation of water professionals. **On this day, entry is FREE of charge for everyone between 16–35 years** of age who wants to take part in a special programme, including:

09:00–10:30

Global vision to local reality: The impact of empowerment

11:00–12:30

Global vision to local reality: Identifying the pathways

14:00–15:30

2018 WWW Debate: Ecosystems vs. human development

18:00–21:00

Young professionals mingle

Join us for a drink and take the opportunity to network with other young water enthusiasts in an informal setting at Boqueria, MOOD

Young Professionals booth

The Young Professionals booth is all about networking and inspiration! Every day a different organization hosts the booth, welcoming professionals of all ages to network. It is also a place to learn more about activities for young professionals, get support on how to include young people in the water world and get tips on how to be better engaged. Drop by and say hello!

The following organizations will host in 2018:

Sunday 26th

Young Professionals for Agricultural Development (YPARD)

Shaping Food Systems - Our W(ater) A(griculture) Y(outh)

Monday 27th

VA-yngre

Connecting Swedish Young Water Professionals with each other and the world

Tuesday 28th

The Water Youth Network (WYN)

Knits & knots - networks supporting human development

Wednesday 29th

The Global Water Partnership (GWP)

Youth For Water and Climate #YWC – Be bold. Be creative. Get support

Thursday 30th

Royal Institute of Technology/THS Future

ARUP

In 2018, World Water Week will feature a Young Professionals Day for the seventh time. The Young Professionals activities are organized in collaboration with Arup.

Programme overview

EH = Exhibition Hall • FH = Folkets Hus • NL = Norra Latin • MH = Music Hall/Musiksalen • PH = Pillar Hall
AU = Auditorium • LT = Little Theatre • CH = Congress Hall • ★ = Gold Star Event

SUNDAY 26 AUGUST			
09:00–10:30	ROOM	PAGE	
Showcase A new global initiative: The Alliance for Freshwater Life ★	FH Cabaret	2	
Showcase An action agenda for green infrastructure ★	NL 253	2	
Event Global vision to local reality: The impact of empowerment ★	FH LT	3	
Event Intelligent intervention design: Putting the horse before the cart ★	FH 300	3	
Event Pollution-driven water scarcity for ecosystems and human uses worldwide ★	NL MH	4	
Event Resilient water services in an increasingly water insecure world ★	NL PH	4	
Event Rewards and realities of payment by results in WASH ★	FH 202	5	
Event Small-scale irrigation: The answer to ecosystem health?	NL 357	5	
Showcase Stop re-inventing the [water] wheel! A technology collaboration for scale	NL 353	6	
Sofa Taking sustainable sanitation to the policy level-experiences from S4M (10:00–10:30)	EH	6	
Event Using information tools on multifunctional nature-based solutions to achieve SDGs ★	FH 307	7	
11:00–12:30			
Event Advancing water reforms through the Open Government Partnership ★	NL MH	8	
Seminar Ecosystems in an urbanising world: Challenges and opportunities for symbiosis ★	NL PH	8	
Event Global vision to local reality: Identifying the pathways ★	FH LT	9	
Showcase Groundwater management in coastal zones (11:00–11:45)	NL 253	9	
Seminar Investing in freshwater ecosystems and biodiversity: A key development challenge ★	FH 300	10	
Event Mission: Possible? Funding universal water services in "every district" ★	NL 461	10	
Showcase Mobilizing public health voices in sanitation: WHO guidelines on sanitation (11:00–11:45)	FH Cabaret	11	
Event Nature-based solutions for better climate resilience: Business practice and solutions ★	FH 307	11	
Event Strengthening national WASH policy and legal frameworks to achieve SDG6 ★	FH 202	12	
Seminar Tapping into collective wisdom: Gender sensitive development and water ecosystems ★	NL AU	12	
Event The potential of natural capital accounting for better water management ★	NL 357	13	
Showcase The Water Risk Filter 5.0: Explore, assess, value and respond (11:00–11:45)	NL 353	13	
Showcase Ending cholera roadmap: Targeting WASH to 4% population in hotspots (12:00–12:45) ★	FH Cabaret	14	
Showcase Introducing the Aqueduct Water Management Atlas (12:00–12:45) ★	NL 353	14	
Showcase Mapping global karst groundwater: A tool to enhance water security (12:00–12:45)	NL 253	15	
14:00–15:30			
Event 2018 WWW debate: Ecosystems vs. human development ★	FH 307	16	
Showcase 2030 WRG: Multi-stakeholder approaches to innovation and impact ★	FH Cabaret	16	
Event Can valuing water change our attitude towards water? Concrete examples! ★	NL AU	17	
Seminar Ecosystems in an urbanising world: Challenges and opportunities for symbiosis ★	NL PH	17	
Event Hydrological observation data and services for good governance ★	NL 357	18	
Event Hygiene Behaviour Change (HBC): What works and what doesn't? ★	NL 461	18	
Showcase Integrity management for sustainable water services	NL 353	19	
Seminar Investing in freshwater ecosystems and biodiversity: A key development challenge ★	FH 202	19	
Showcase It saves to spend: Global flood defense investment strategy evaluation	NL 253	20	
Sofa S4M approaches sustainable O&M for sanitation facilities in public institutions (15:00–15:30)	EH	20	
Event Smart(er) systems for water and sanitation: Subsidies, financing, and markets ★	FH 300	21	
Sofa Sustainability of WASH services: Making it real (14:00–14:30)	EH	21	
Seminar Tapping into collective wisdom: Gender sensitive development and water ecosystems ★	FH LT	22	
Event Working with the flow? Multifunctional landscapes in a changing climate ★	NL MH	22	
16:00–17:30	ROOM		
Event Catalysing human development through climate-resilient water infrastructure ★	FH 202	23	
Sofa Decision-support systems to measure water-related trade-offs in Latin America (16:00–16:30)	EH	23	
Seminar Ecosystems in an urbanising world: Challenges and opportunities for symbiosis ★	FH 307	24	
Event Falkenmark Symposium: Financing an African water revolution ★	NL MH	24	
Event Groundwater: Mapping a global story of pollution, scarcity and survival	NL 461	25	
Showcase How Internet of Things solves real problems (16:00–16:45) ★	NL 253	25	
Seminar Investing in freshwater ecosystems and biodiversity: A key development challenge ★	NL AU	26	
Event Leveraging informal water diplomacy in high level processes ★	NL PH	26	
Event Pharmaceuticals: Scientific developments and cost-effective policy responses	FH 300	27	
Showcase Regulation of water and sanitation services: From theory to practice (16:00–16:45)	NL 353	27	
Event Shared sanitation: When individual toilets aren't enough ★	NL 357	28	
Seminar Tapping into collective wisdom: Gender sensitive development and water ecosystems ★	FH LT	28	
Showcase Water Action Decade event ★	FH Cabaret	29	
17:00–17:45			
Showcase Disruptive innovation for the water sector: Imagining the future (17:00–17:45) ★	NL 253	29	
Sofa Leveraging pay-as-you-go and new technologies for universal accessible water access (17:00–17:30)	EH	30	
Showcase Training on TNA in the Jordanian water sector (17:00–17:45) ★	NL 353	30	
18:30–21:00			
Social Event Young Professionals mingle (18:00–21:00)	Boqueria MOOD	31	
Social Event Under the bridges of Stockholm (18:45–21:00)	Ström-kajen	31	

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MONDAY 27 AUGUST		
09:00–12:30	ROOM	PAGE
Sofa The value independent certification brings to global water stewardship (09:00–09:30)	EH	33
Opening plenary (09:30–11:30) ★	FH CH	34
Sofa From sector coordination to effective national accountability for SDG 6 (10:00–10:30)	EH	35
Sofa Enhancing drought management and resilience: showcasing the MENA-RDMS (11:00–11:30)	EH	35
Sofa Stewarding water resources for future generations: The role of business (12:00–12:30)	EH	36
Networking session Why are you here? (12:00–12:30)	see page:	36
14:00–15:30		
Event Blended finance: From principles to practice ★	FH 300	37
Event Business Leadership for Oceans: Source-to-sea solutions	NL MH	37
Showcase Catalyzing the global public: Using a film to effect change	NL 253	38
Event High Level Panel on Water Diplomacy	NL AU	38
Field Visit Field trip to Ericsson studio: Information and communication technology (14:00–17:30)	Entrance FH	39
Showcase Making best use of WASH finance: A conversation with IFIs ★	FH LT	39
Event Microplastics in freshwater environments ★	FH 307	40
Event Presenting the global baseline situation for SDG 6 ★	NL PH	40
Event Rural migration and water scarcity ★	FH 202	41
Event Sand mining's concrete threat to rivers: impacts and potential solutions	NL 461	41
Showcase Securing water tenure: Legal protections for indigenous and local communities ★	NL 353	42
Sofa Water utilities' leadership in nature-based solutions for SDG 6 (14:00–14:30)	EH	42
Event Water, biodiversity and development: A magic formula for the SDGs ★	NL 357	43
Showcase WaterGuide: A new framework for managing water scarcity	FH Cabaret	43
Sofa Pathways to increasing farmer-led investments in sustainable agricultural water management (15:00–15:30)	EH	44
16:00–17:30		
Event Addressing challenges to unlock financing of nature-based solutions for water ★	FH LT	44
Event Blue and green spaces: The heart of sustainable urban development	FH 300	45
Event Freshwater conservation-WASH integration: High-level and local-level challenges and opportunities ★	NL 461	45
Event Groundwater dependent ecosystems: Key to human development and biodiversity	NL 357	46
Event How water utilities respond in crisis and conflict ★	FH 202	46
Showcase Hype or groundbreaking: Has securing water for food delivered? ★	NL PH	47
Event Mastering disaster in the anthropocene: Reconciling DRR and climate frameworks ★	FH 307	47
Event Sex for water: A women's right violation ★	FH Cabaret	48
Event Tackling antimicrobial resistance through safe, clean water and environmental health	NL MH	48

Event Water and security: Assessing risks and mitigation options in hotspots ★	NL AU	49
Sofa Water diplomacy: A tool for the future? (16:00–16:30)	EH	49
Showcase Water Leaders: Empowering stakeholders with an open-source curriculum and game ★	NL 353	50
Showcase Water Safety Café: From national frameworks to results at household-level	NL 253	50
Sofa Accountability in Scaling market based sanitation financing (17:00–17:30)	EH	51
Social Event The City of Stockholm Welcome Cocktail Reception (18:30–20:00)	City Hall	41

TUESDAY 28 AUGUST		
09:00–10:30	ROOM	
Event AFRICA FOCUS Groundwater governance and institutional management	NL AU	53
Event Beyond the finish line, from coverage to sustainable sanitation services ★	NL MH	53
Event Changing minds on drought management: The economic case ★	FH 202	54
Event Creating peace through the water-energy-food and security nexus perspective ★	NL PH	54
Event Health and well-being through effective blue-green space design and governance ★	FH LT	55
Showcase Integrating 'grey and green' for water security in South Africa ★	FH Cabaret	55
Seminar Is there such thing as innovative financing for ecosystems management? ★	FH 300	56
Seminar IWRM and ecosystem based approaches: Complementary, duplicating or competing? ★	NL 357	56
Showcase Launch of JMP 2018 global baseline on WASH in schools	NL 353	57
Event MENA FOCUS Benefits for ecosystems and wetlands through the nexus ★	FH 307	57
Sofa Safeguarding water-related ecosystems in the Mara River and Tonle Sap	EH	58
Showcase UN World Water Development Report 2018 "Nature-based solutions for water"	FH CH A	58
Field Visit Water management at Electrolux. What's the next step? (09:00–12:30)	Entrance FH	59
Event Water use, food security and disease – achieving healthy outcomes ★	NL 461	59
Sofa WASAG: Global framework on water scarcity in agriculture (10:00–10:30)	EH	60
11:00–12:30		
Event AFRICA FOCUS Water security, climate change: peace and cooperation challenge	NL AU	60
Event Getting the basics right: WASH for reproductive, maternal, newborn health	NL 461	61
Event Groundwater-based natural infrastructure solutions: The missing link to resilience? ★	NL PH	61
Seminar Is there such thing as innovative financing for ecosystems management? ★	FH 300	62
Seminar IWRM and ecosystem based approaches: Complementary, duplicating or competing? ★	NL 357	62
Sofa Marketing strategies for sustainability: Building consumer demand for safe water	EH	63
Event MENA FOCUS Building resilience to shocks and protracted crises ★	FH 307	63
Event Nature-based solutions for water: A smart approach to disaster risk ★	NL MH	64

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TUESDAY 28 AUGUST (CONTINUED)

Showcase Reducing emissions from antibiotics production: Demands, tools and experiences (11:00–11:45)	★	FH Cabaret	64
Showcase Research initiatives on the High Andes ecosystems and water interactions		NL 353	65
Event Sanitation in small towns: Challenges for the environment and development	★	FH LT	65
Showcase Sediment Color Tool: Empowering local drillers for safe water provision (11:00–11:45)	★	NL 253	66
Event Water for fish: Sustainable inland fisheries	★	FH 202	66
Showcase Arsenic primer: Guidance on investigation and mitigation of arsenic (12:00–12:45)		NL 253	67
Sofa Blue Deal: 20 million people clean, sufficient and enough water (12:00–12:30)		EH	67
Showcase Monitoring water quality using EO: UNESCO World Water Quality Portal (12:00–12:45)		FH Cabaret	68
14:00–15:30			
Event ASIA FOCUS Natural alternatives to water storage	★	FH 202	69
Event Container based sanitation and the sanitation economy	★	FH LT	69
Event EYE ON LAC Mainstreaming natural infrastructure in water projects	★	FH CH A	70
Event Food hygiene for child health: An overlooked opportunity	★	NL 461	70
Seminar Is there such thing as innovative financing for ecosystems management?	★	FH 300	71
Seminar IWRM and ecosystem based approaches: Complementary, duplicating or competing?	★	NL 357	71
Event Looking beyond conventional water resources to address global water scarcity	★	NL PH	72
Event Role of water utilities in SDGs and new urban agenda	★	FH 307	72
Showcase Scalability and collaboration in water intensive industries to achieve SDGs	★	FH Cabaret	73
Event Tapping shared lessons: Recent global experience of implementing environmental flows	★	NL MH	73
Showcase The ripple effect: Empowering women through water	★	NL 353	74
Sofa Use of big-data for water allocation and water productivity (14:00–14:30)		EH	74
Showcase Utility business cases for investing in watersheds		NL 253	75
Sofa The geography of future water challenges: The drylands (15:00–15:30)		EH	75
16:00–17:30			
Event Agriculture, freshwater quality, and public health: Tying it all together	★	FH LT	76
Event ASIA FOCUS Water sensitive and livable green cities in Asia	★	FH 202	76
Sofa City water resilience framework and resilient water governance (16:00–16:30)		EH	77
Event Contribution of sanitation to Paris Agreement: What is stopping us?	★	NL MH	77
Event EYE ON LAC Green-gray infrastructure: The case for investment	★	FH CH A	78
Event Faecal waste and its mysterious movement through urban ecosystems	★	NL 461	78
Event Free-flowing rivers: Global status and solutions for securing their benefits		NL 357	79
Event Making waves: Implementing digital finance for sustainable water supply	★	NL PH	79

Showcase Nation to nation: Integrating indigenous perspectives into water resource management (16:00–16:45)		NL 253	80
Event Participated sustainable development: The role of citizen observatories	★	FH 300	80
Showcase Recipharm International Environmental Award (16:00–18:00)		FH Cabaret	81
Showcase SDG6.5 on IWRM: From global status reports to accelerated implementation		NL 353	81
Event WASH affordability: Monitoring and response options	★	FH 307	82
Sofa How changed attitudes towards menstruation hygiene impact girls' rights		EH	82
Showcase Supporting transboundary cooperation: Opportunities within the next GEF funding cycle (17:00–17:45)		NL 253	83
Award Ceremony Stockholm Junior Water Prize Ceremony and Dinner (18:00–21:30)		Berns salonger	83

WEDNESDAY 29 AUGUST

09:00–10:30		ROOM	
Sofa Achieving water-related SDGs: Managing emerging pollutants (09:00–09:30)		EH	85
Event AFRICA FOCUS Effects of universal access to safely managed sanitation		NL AU	85
Event ASIA FOCUS Innovative financing to protect ecosystems in Asia	★	FH 202	86
Field Visit Balancing ecology and economy at Hacksta farm by Lake Mälaren (09:00–12:30)		Entrance FH	86
Showcase Better water scarcity management for food security and nutrition-sensitive agriculture		FH Cabaret	87
Showcase Enabling environments for inclusive city wide sanitation: A conceptual framework	★	NL 253	87
Event EYE ON LAC Natural infrastructure and the water-energy-food nexus	★	FH CH A	88
Seminar Industry's role in ecosystem and watershed management	★	FH 307	88
Event Opportunities and challenges of localising WASH humanitarian assistance		NL 357	89
Event Stockholm Water Prize Symposium: Balancing green and grey – Getting on nature's good side (09:00–12:00)	★	NL PH	90
Seminar Sustainable infrastructure for inclusive green growth	★	FH CH C	91
Event UN-Water Stakeholder Dialogue	★	NL MH	91
Showcase WASH bottleneck analysis tool (WASHBAT) to strengthen the enabling environment	★	NL 353	92
Event Women and children: Promoting ecosystem protection and human rights	★	FH 300	92
Sofa Leveraging learning and innovation in NGO led WASH programming (10:00–10:30)		EH	93
11:00–12:45			
Event AFRICA FOCUS High level ministerial panel: From policy to action		NL AU	93
Showcase African spatial delight: Supermarket for innovative water and ecosystems services	★	FH LT	94
Event ASIA FOCUS Challenging nexus technologies, a force for good?	★	FH 202	94
Event Building watershed resilience and community collaboration under climate change		NL 357	95

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WEDNESDAY 29 AUGUST (CONTINUED)

Event EYE ON LAC Water reserves, an ecological water management model	★	FH CH A	95
Sofa How can the private sector unlock natural solutions at scale? (11:00–11:30)		EH	96
Event Indigenous peoples: Promoting ecosystem protection and human rights	★	FH 300	96
Seminar Industry's role in ecosystem and watershed management	★	NL MH	97
Showcase Reducing the impact on and from coastal and marine environments (11:00–11:45)		FH Cabaret	97
Seminar Sustainable infrastructure for inclusive green growth	★	FH CH C	98
Event Understanding the forest-water nexus: Redefining the narrative?	★	FH 307	98
Showcase Water, the keystone to climate resilience (11:00–11:45)	★	NL 253	99
Sofa A 'new grid' approach to sanitation and SDG6.2 (12:00–12:30)		EH	99
Showcase Mating belongs to all: Finland's love affair with migratory fish (12:00–12:45)		FH Cabaret	100
Showcase Using space enabled water quality forecasting in decision making (12:00–12:45)	★	NL 253	100
14:00–15:30			
Event Asia Water-nomics: More GDP with less water and pollution	★	NL 357	101
Event Connecting water, security and peace through ecosystems	★	FH LT	101
Event Donors' water strategies under the 2030 agenda	★	FH 202	102
Event Follow up on the High-Level Panel Water: Financing and valuing	★	NL PH	102
Showcase Global Resilience Partnership: Building a sustainable flood resilient future		NL 253	103
Seminar Industry's role in ecosystem and watershed management	★	NL MH	103
Event Innovative taxation models for urban ecosystem sanitation	★	FH CH A	104
Showcase Mapping the urban sanitation challenge: Nairobi SFD	★	NL 353	104
Event Refugees and migrants: Promoting ecosystem protection and human rights	★	FH 300	105
Sofa Stockholm Junior Water Prize winner(s) 2018 (14:00–14:30)		EH	105
Seminar Sustainable infrastructure for inclusive green growth	★	FH CH C	106
Event The source-to-sea balancing act: Development needs and ecosystem preservation		FH 307	106
Showcase Water finance constrains: Africa and Sweden	★	FH Cabaret	107
Sofa Bee together and water in school (15:00–15:30)		EH	107
16:00–17:30			
Showcase A common vision for Peru: Natural infrastructure for water security		NL 353	108
Showcase Blue Schools: Linking WASH in schools with other SDG6 targets (16:00–16:45)	★	FH Cabaret	108
Event Closing urban water cycles: Transforming urban water solutions	★	FH CH A	109
Event Efficiency, sufficiency, sustainability: Allocation in river basins	★	NL 357	109
Sofa Innovation spotlight: Meet Imagine H2O's Urban Drinking Water Challenge winners (16:00–16:30)		EH	110
Event Innovative financing mechanisms for water scarcity in agriculture	★	FH 307	110

Event One billion left behind: Making global water efforts disability inclusive		FH 300	111
Event Share, conserve, develop! Balancing it all in transboundary basins?	★	FH 202	111
Event The trillion-dollar question: Turning safely managed finances into sustainable services		FH LT	112
Event Using big data and earth observations for SDG 6 monitoring	★	NL PH	112
Event Water for well-being: From framework to action	★	NL AU	113
Event Water stewardship collaboration for the textiles sector	★	NL MH	113
Showcase Why can't a tailor fly a plane? (16:00–16:45)		NL 253	114
Award Ceremony Stockholm Water Prize Ceremony and Royal Banquet (16:30–22:30)		City Hall	114
Showcase Beyond toilets: Moving to ODF+ in Indian cities (17:00–17:45)	★	NL 253	115
Showcase Sanitation worker safety: A 5-million people strong blindspot in sanitation (17:00–17:45)		FH Cabaret	115
Sofa Strong WASH systems: The essential element for SDG6 achievement (17:00–17:30)		EH	116
Social Event Dataflow meets waterflow: How can hackathons provide innovation? (18:00–20:00)		Impact Hub	116

THURSDAY 30 AUGUST

09:00–10:30		ROOM	
Event Accountability for scaling market based sanitation financing	★	FH LT	118
Seminar Ecosystem based water management: From innovation to practice	★	FH CH A	118
Event Green landscapes for water security: Measuring and modeling hydrologic benefits		NL 357	119
Sofa How is nature contributing to SDG6? (09:00–09:30)		EH	119
Showcase Integrating WASH and nutrition to improve child growth and health		NL 253	120
Event Menstrual hygiene management: From health and social impacts to action	★	FH 202	120
Showcase P&G and partners identify priority regions... now what?	★	NL 353	121
Seminar Political drivers for sustainable ecosystems: Understanding peace	★	FH 307	121
Event SDG-Paris Agreement: Building a resilient future through water Part 1	★	NL AU	122
Event Social acceptance: A turning point for nature-based solutions projects?	★	NL MH	123
Field Visit Sustainable sewer systems and urban development with biotechnology (09:00–12:30)		Entrance FH	123
Event Transboundary cooperation for sustainable hydropower: Procedures and technical guidance	★	FH 300	124
Event WASH4Work: Tools to accelerate business action on WASH	★	NL PH	124
Showcase World Water Day 2019: Leaving no one behind	★	FH Cabaret	125
Sofa Changing water behaviour in Maghreb: Challenges and approaches (10:00–10:30)		EH	125
11:00–12:30			
Showcase A new World Water Forum horizon: From Brazil to Senegal	★	NL 253	126
Event Diversity and inclusion in water utilities	★	NL MH	126
Seminar Ecosystem based water management: From innovation to practice	★	FH 202	127

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THURSDAY 30 AUGUST (CONTINUED)

Event Green landscapes for water security: Nature-based solutions and water quantity ★	FH 300	127
Seminar Political drivers for sustainable ecosystems: Building peace ★	FH 307	128
Event SDG-Paris Agreement: Building a resilient future through water Part 2 ★	NL AU	129
Event Smart water systems for improved human, environmental and economic health ★	FH LT	130
Event The global Water Convention: An opportunity for transboundary water cooperation	NL PH	130
Event Towards the circularization of hydroelectricity using the existing hydraulic infrastructure	NL 357	131
Sofa Unlocking water infrastructure financing: Adaptable approaches from across Africa (11:00–11:30)	EH	131
Showcase Water and faith: Acting in partnership to achieve SDG 6 (11:00–11:45) ★	FH Cabaret	132
Showcase Water stewardship benefit accounting: New approaches and lessons learned ★	NL 353	132
Showcase Launch of the Stockholm Climate Security Hub (12:00–12:45) ★	FH Cabaret	133
Sofa The future of World Water Week, an arena and beyond (12:00–12:30)	EH	133
14:00–15:30		
Sofa Nature-based solution and water security in LAC (In spanish) (14:00–14:30)	EH	134
Seminar Ecosystem based water management: From innovation to practice ★	FH 202	134
Event Om (O&M): The mantra for sustainable water/sanitation services ★	FH LT	135
Event Parched power: Water challenges and solutions for India's power sector	NL 357	135
Seminar Political drivers for sustainable ecosystems: Sustaining peace ★	FH 307	136
Event Resilient policies: Achieving SDG and UNFCCC goals through water management ★	NL MH	136
Event Solving the capacity gap to scale non-sewered and decentralized sanitation ★	FH 300	137
Showcase The AfricaSan movement: Setting the sanitation agenda in Africa ★	NL 353	137
Showcase The global framework for water scarcity in agriculture: Achievements ★	FH Cabaret	138
Showcase The SDG6 debating game	NL 253	138
Field Visit Urban ecosystem services: The example of Stockholm Royal Seaport (14:00–17:30)	Entrance FH	139
Event Water stewardship: Partnership and financing models for scale ★	NL PH	139
Sofa Follow up on HLP 'Building a resilient future through water' (15:00–15:30)	EH	140
16:00–17:30		
Event Building an evidence base for WASH: Linking research and practice	FH 300	141
Showcase Launch of ITP's Destination Water Risk Index (16:00–16:45) ★	NL 253	141
Sofa Maneuvering towards a water safe future (16:00–16:30)	EH	142
Event Country-led asset management systems to improve WASH services ★	NL MH	142
Event Rethinking sewers	NL PH	143
Event The evolution of water risk assessment ★	FH 202	143
Event Trade-offs and synergies between the sustainable development goals ★	FH 307	144

Showcase Water Funds Toolbox: Water security solutions for Africa and globally	NL 353	144
Showcase Water resilience design and execution: The state of the art ★	FH LT	145
Showcase Book launch: Business models for resource recovery and reuse (17:00–17:45) ★	NL 253	145
Sofa Water and faith: Acting in partnership to achieve (17:00–17:30)	EH	146
Social Event Mingle & dance (19:00–00:00)		Vasa Theatre 146

FRIDAY 31 AUGUST

Closing plenary (09:00–12:00) ★	NL AU	148
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Wednesday | 29 August



Coffee 10:30–11:00
15:30–16:00
Lunch 12:30–14:00



Achieving water-related SDGs: Managing emerging pollutants (09:00–09:30)

Convenors: UNESCO-IHP and Sida

A global water quality challenge of increasing concern for human health and ecosystems in both developed and developing countries is a wide variety of emerging pollutants (pharmaceuticals, endocrine disruptors, industrial and household chemicals, etc.) found in water resources. These pollutants are not removed in conventional wastewater treatment facilities, nor regulated or monitored due to lack of knowledge and policies.

Reducing water pollution by emerging pollutants is required for the achievement of the Sustainable Development Goal on water (SDG 6) and other goals, including SDG3 (health), SDG12 (production and consumption) and SDG15 (ecosystems). It is essential to improve scientific knowledge on effects of emerging pollutants on human health and

ecosystems, collect data on their presence in water resources and wastewater, prioritize pollutants of critical concern, and develop effective policies to manage them through both prevention and control approaches.

The Event aims to discuss appropriate solutions to managing emerging pollutants with the participation of different stakeholders from different world regions. It also presents results and key findings of UNESCO Project on Emerging Pollutants in Wastewater Reuse in Developing Countries, funded by Sida under UNESCO-IHP International Initiative on Water Quality, which provide the state-of-the-art scientific and policy information on emerging pollutions in water

AFRICA FOCUS | Effects of universal access to safely managed sanitation

Room: NL Auditorium

Convenor: AMCOW

Access to safe sanitation for all in Africa by 2030 will require the adoption of efficient and most affordable service delivery approaches and technologies. A deliberate choice for a non-sewered sanitation system can be more cost effective. Doing this will create job opportunities for all along the service delivery chain.

Chair: Hon Dr **Mohamed Abdel Atty**, AMCOW, Minister for Water and Irrigation, Egypt

Moderator: **Nompumelelo Ntshalintshali**, Ministry of Water, Kingdom of Eswatini

09:00 **Opening Remarks**
Hon Dr **Mohamed Abdel Atty**, AMCOW, Minister for Water and Irrigation, Egypt

09:10 **How Non-Sewer Sanitation could be the choice for universal sanitation by 2030**
Dr **Doulaye Kone**, WASH, Gates Foundation

09:35 **Role of PPP in accelerating the achievement of SDG targets on sanitation: Case of Senegal**
Lansana Gagny Sakho, ONAS

10:00 **Discussion**

10:20 **Closing**
Hon Dr **Mohamed Abdel Atty**, AMCOW, Minister for Water and Irrigation, Egypt

10:30 **End of session**

ASIA FOCUS | Innovative financing to protect ecosystems and promote nature (09:00-10:30)



Room: FH 202

Convenors: ADB, AGWA, APWF, GWP, OECD and WWF

The Asian Development Bank will convene a session that looks at different financing mechanisms from a variety of partners with activities in countries with different conditions and levels of development to protect ecosystems and promote nature-based solutions to water and environmental challenges.

Event

09:00 **Introduction and the importance of green financing options**
Tom Panella, ADB

development of the Green Bonds market in China and their growth and potential for long-term development of green financing,

away from the typical supply-augmentation, grey-infrastructure approach.

09:05 **Presentations**

- The Global Water Partnership will present various cases for financing climate change mitigation measure in Asia and the Pacific.
- The World Wildlife Fund for Nature will do a presentation on "How water stewardship is catalyzing bankable projects and blended finance in Asia." The Alliance for Global Water Adaptation will discuss the

- The ADB will share its experiences in China in the development of the payment for ecosystem services from the policy and legislative perspective and its application in selected watersheds.

- The OECD will a focus on ecosystems with the message that valuing water can generate returns that may attract financiers. OECD has an on-going policy dialogue in Korea, which explores alternative ways of securing water, moving

09:55 **Panel discussion with presenters and audience interaction**

Moderators: **Ravi Narayanan**, APWF and **Tom Panella**, ADB

10:25 **Closing remarks**

Ravi Narayanan, APWF

10:30 **End of session**

Balancing ecology and economy at Hacksta farm by Lake Mälaren (09:00–12:30)

Departure: Entrance FH

Convenor: Swedish University of Agricultural Sciences (SLU)

Welcome to Hacksta, a farm by Lake Mälaren, to learn about how to increase sustainability in commercial farming. The farm manager and SLU researchers will discuss choices towards increased sustainability and show solutions on the farm that decrease water pollution and climate impact while improving biodiversity and productivity.

During the visit, the farm manager and SLU researchers will share knowledge about measures to increase nutrient and energy efficiency, decrease nutrient and pesticide pollution and support biodiversity while strengthening the economy. There will be possibilities for the visitors to see e.g. fields with buffer strips, a phosphorous dam, biobeds and semi-natural pasture. A barn is available for the visitors in case of rainy weather.

Field visit

09:00 **Bus leaves from the Stockholm City Conference Centre**

10:20 **Biobed as an example of practical measures to reduce pesticide pollution**

11:00 **Concluding reflections about sustainable farming**
Mats Engquist, farm manager

09:15 **Introduction to the visit**
Sara Gräslund, SLU,
Helena Aronsson, SLU and
Helena Elmquist, Farming-in-Balance

10:30 **Looking at buffer strips along the fields that capture nutrients and enhance biodiversity**
Helena Elmquist, Farming-in-Balance

11:15 **Bus leaves from Hacksta farm**

11:30 **Discussion**
Sara Gräslund, SLU,
Helena Aronsson, SLU and
Helena Elmquist, Farming-in-Balance

10:10 **Welcome to Hacksta farm. Challenges and opportunities for sustainable agriculture today**
Mats Engquist, farm manager

10:45 **Capturing phosphorous in a dam**
Helena Aronsson, SLU

12:30 **Bus arrives at Stockholm City Conference Centre**

Please collect your tickets for the field visit at secretariat (available from one day before)

Better water scarcity management for food security and nutrition-sensitive agriculture

Room: FH
Cabaret

Convenors: FAO, IFAD and SIWI

With increasing water scarcity, rapid population growth and change of consumer habits, it is urgent that the strategy of “more crop per drop” is supplemented by “more nutrition per drop”. This session aims to discuss how water and agricultural strategies can contribute to improved nutrition and economic outcomes.

Showcase

09:00 Welcome, objectives and expected outcomes Olcay Unver , FAO	09:35 Interactive panel discussion focusing on entry points for nutrition in agricultural water and soil management Mawira Chitima , IFAD Jennie Barron , SLU and CGIAR WLE Two representatives from donors institutions , World Bank and USAID	10:20 Wrap up and closing remarks Mawira Chitima , IFAD
09:05 Opening remarks Claudia Ringler , IFPRI		10:30 End of session
09:10 Keynote speaker Jan Lundqvist , SIWI		
09:25 Water and soil management for nutrition sensitive agriculture Olcay Unver , FAO	10:10 Q&A	

Enabling environments for inclusive city wide sanitation: A conceptual framework



Room: NL 253

Convenors: Gates Foundation, Lusaka Water and Sewerage Company and WSUP

The realisation of inclusive citywide sanitation is critical to healthy urban ecosystems and the achievement of SDG6. To provide services at scale, local institutions must be supported by a well-functioning enabling environment. This event introduces a new framework for understanding what the “enabling environment” means in practice.

Showcase

09:00 Welcome	09:30 Experience from Bangladesh
09:05 Sector Functionality Framework (SFF): context and rationale	09:35 Experience from Zambia
	09:40 Audience Q&A
09:10 Table work: key components of a functional sector	09:55 Implications for inclusive city wide sanitation: reflections from service providers
09:20 SFF: content and programmatic application	10:25 Wrap up
09:25 Experience from Kenya	10:30 End of session

Eye on LAC | Natural infrastructure and the Water-Energy-Food Nexus



Room: FH
Congress Hall A

Convenors: IDB, FEMSA Foundation and FEMSA

LAC is the breadbasket of the world. To cope with increased demand, most countries are expanding their water, food and energy footprint. Sustainable development is a question mark. Nature-based solutions (green infrastructure) can be part of the solution. The session will present experiences in the use of green infrastructure.

Event

09:00 Introduction Moderator: Fernando Miralles , UMD	09:40 Green infrastructure and water security: A water utility perspective Antonio Lastra , Canal de Isabel II	10:30 End of session
09:05 Natural infrastructure and the Water-Energy-Food Nexus Thomas Crisman , USF	09:50 Panel Discussion: The public sector approach: Challenges for mainstreaming ecoflows and environmental services into infrastructure planning Ariana Sutton-Grier , TNC Maya Trotz , USF Alberto Mendoza , FEMSA Antonio Lastra , Canal de Isabel II	
09:20 The role of ecosystems and ecosystem services in food, water and energy security Ariana Sutton-Grier , TNC		
09:30 The role of marine ecosystems and food systems in Central America and the Caribbean Maya Trotz , USF	10:20 Summary and Wrap-up Fernando Miralles , UMD	

Industry's role in ecosystem and watershed management



Room: FH 307

Convenors: ICMM, SIWI and WWF

The more expansive role for the private sector is driving innovation in public policy, technology, business models, partnerships and financing/funding of solutions. This seminar will explore the financial, technical, social and resource management business cases for private sector across global value chains.

Seminar

<i>Session 1 of 3: Water as a Wicked Problem and Business Opportunity: How water strategy drives expanded business value</i>		
09:00 Introduction to session 1 and Think-a-Thon	<ul style="list-style-type: none"> Innovative private sector initiatives in addressing water risks including ecosystems Justin Story, Aither, Public and private roles fence lines: Interrogating the boundary critically Therese Rudebeck, Oxford University Water stewardship and business value: Creating abundance from scarcity Andre Fourie, ABInBev, 	09:35 Panel discussion 1: Business value in solving wicked water problems (with all presenters) Moderator: Will Sarni , Water Foundry
09:05 Wicked problems and opportunities Tom Higley , Founder and CEO, 101010	Will Sarni , Water Foundry and Valeria Orozco , Nestle Waters NA	10:00 Panel discussion 2: Stakeholder ecosystem strategies and engagement (with all presenters) Moderator: Alexis Morgan , WWF
09:10 Introduction to TED-Like Talks Moderator: Will Sarni , Water Foundry	<ul style="list-style-type: none"> Trends in water related innovation to manage water risks, Xavier Leflaive, OECD David Grant, ABInBev and Will Sarni, Water Foundry 	10:25 Conclusions of session 1 Alexis Morgan , WWF
		10:30 End of session

Opportunities and challenges of localising WASH humanitarian assistance

Room: NL 357

Convenors: European Commission Directorate General for Humanitarian Aid and Civil Protection, GWC, German Federal Foreign Office, German WASH Network, GIZ, UNICEF, FDFA Switzerland, SuSanA and SWA

The event aims to take stock of the progress of “localisation” in the humanitarian WASH sector and to identify promising solutions that can accelerate progress, without compromising the quality of response and the humanitarian principles. It seeks to improve mutual understanding, coordination and cooperation between humanitarians and their development counterparts.

Event

09:00	Welcome, seminar introduction and thematic definitions by facilitator Thilo Panzerbieter , German WASH Network	09:25	Short input presentations: From local to global: Exchanging perspectives on localisation	<ul style="list-style-type: none"> Streamlining donor policies and incentives Adapting the SWA framework to be applicable to humanitarian contexts
09:10	Where are we now? Current status, gaps and challenges of localizing humanitarian aid in the WASH sector Dominique Porteaud , GWC	09:40	Q&A	
09:15	Building strong and resilient country systems: How can SWA contribute to the localisation agenda? SWA Representative (tbc)	09:45	Round table workshop - Identifying practical recommendations, approaches and partnership that can accelerate progress in localising aid	10:15 Reporting back and prioritisation of key recommendations Table rapporteurs
			<ul style="list-style-type: none"> Mobilising local actors Moving forward the Humanitarian and development nexus 	10:25 Event Conclusion 10:30 End of session

Room: NL Pillar Hall

Stockholm Water Prize Symposium



Balancing green and grey – getting on nature's good side

Convenor: SIWI

Held in the presence of HM the King of Sweden and the HRH the Crown Princess of Sweden, please be seated before the event starts!

This Symposium celebrates the 2018 Stockholm Water Prize Laureates, Professors Bruce Rittmann and Mark van Loosdrecht. The theme for the 2018 symposium focuses on balancing green and grey solutions for water management. A wonderful thing about green technologies is that they often are multi-functional whereas grey solutions are efficient at fulfilling a single purpose, such as transporting water. The point is that it isn't a question of either/or. We need both green or grey, and we need to be wise in choosing what serves our current and future needs best. To make sure that this deliberation takes place, we need governance systems that pose the right questions and incentivise behaviours that align individual desires with societal good.



Moderator: Dr **Therese Sjömander Magnusson**, SIWI



Dr **Sunita Narain**, Director of the Centre for Science and Environment



Prof **Bruce Rittmann**, 2018 Stockholm Water Prize Laureate



Dr **Claudia Sadoff**, Director General, IWMI



Prof **Mark van Loosdrecht**, 2018 Stockholm Water Prize Laureate



Audrey Azoulay, Director-General, UNESCO

09:00 **Welcome and introduction**

Dr **Therese Sjömander Magnusson**, SIWI

09:40 **What is a wetland worth?**

Dr **Claudia Sadoff**, IWMI, 2012 SWP Laureate

10:40 **Panel discussion**

Moderator: Dr **Therese Sjömander Magnusson**, SIWI
Prof **Bruce Rittmann**
Prof **Mark van Loosdrecht**
Dr **Sunita Narain**
Dr **Claudia Sadoff**

09:10 **With help from our little friends**

Prof **Bruce Rittmann** and
Prof **Mark van Loosdrecht**,
2018 SWP Laureates

09:50 **Moderators reflections**

10:00 **Coffee break**

10:30 **Convening power around water issues**

Audrey Azoulay, Director-General, UNESCO

11:50 **Concluding remarks and thanks**

Dr **Therese Sjömander Magnusson**, SIWI

09:30 **Large-scale water-related nature based solutions**

Dr **Sunita Narain**, Centre for Science and Environment, 2005 SWP Laureate

12:00 **End of session**

The Founders of the Stockholm Water Prize are: Bacardi, Borealis, Europeiska ERV, Kemira, Poul Due Jensen Foundation, Ragn-Sells, Water Environment Federation, Xylem Inc. and Ålandsbanken.

Sustainable infrastructure for inclusive green growth



Room: FH
Congress Hall C

Convenors: AfDB, Daegu Metropolitan City, IWMI, SIWI and WWAP

The seminar will provide an opportunity to discuss what exactly is meant by sustainable infrastructure from an ecosystem and water development perspective, and present pragmatic ideas for implementing sustainable/green infrastructure in water resources management in developing and developed countries. It will promote novel approaches for achieving the SDGs and for better management of competing interests between sectors. The seminar will contribute to improved understanding of different stakeholders' needs and responses, thereby promoting greater uptake of sustainable infrastructure. Innovative approaches and technologies for sustainable infrastructure will be introduced via case studies.

Seminar

9:00	Debate Introduction: Green is the new grey: Natural infrastructure provides solutions for all water resource problems Matthew McCartney , IWMI	Frank Farquharson , Water Resource Associates	10:05	Keynote: Groundwater-based natural infrastructure: An overview and outlook Karen Villholth , IWMI
9:05	Opening Statement: Proposition - Team A James Dalton , IUCN Belynda Petrie , One World	9:15 Rebuttal: Teams A and B 9:30 Interactive Audience Cross-Fire	10:15	Keynote: Can Africa take the lead on Sustainable Infrastructure? Oswald Chanda , AfDB
9:10	Opening Statement: Opposition - Team B Mike Muller , University of the Witwatersrand	9:50 Crystallisation: Teams A and B 9:55 Debate Conclusions Matthew McCartney , IWMI	10:25	Q&A Matthew McCartney , IWMI
		10:00 Introduction of keynote speakers Matthew McCartney , IWMI	10:30	End of session

UN-Water stakeholder dialogue



Room: NL
Music Hall

Convenor: UN-Water

This event aims to disseminate the main findings of SDG 6 Synthesis Report 2018 on Water and Sanitation, present reflections on the HLPF process and provide a holistic vision of SDG 6 in the context of the 2030 Agenda for Sustainable Development.

Event

09.00	Opening remarks
09.10	The world is not on track: Findings of the SDG 6 Synthesis Report 2018 on Water and Sanitation
09.25	Here is what we need to do: Break out discussion
10.05	Fast forward to action - Reporting back
10.25	Closing remarks
10.30	End of session

WASH bottleneck analysis tool (WASHBAT) to strengthen the enabling environment



Room: NL 353

Convenors: UNICEF and UNDP-SIWI WGF

This event showcases selected country experiences implementing the online WASH Bottleneck Analysis Tool and stimulates debate on how its' implementation can be used to improve WASH sector efficiency and performance.

Discussion will touch on the pathways of the tool's impact, rollout potential to other countries and complementarity with other tools.

Showcase

- | | |
|---|--|
| 09.00 Welcome, and introduction to the WASH Bottleneck Analysis Tool (BAT) | 10.00 Accompanying tools to the WASH BAT: accountability mapping and sustainability compacts/checks |
| 09.15 On-screen demonstration of the online tool | 10.20 Summary and closing remarks |
| 09.30 Country experiences: government and partner perspectives | 10.30 End of session |

Women and children: Promoting ecosystem protection and human rights



Room: FH 300

Convenors: Caritas Switzerland, IDB, GIZ, OHCHR, WaterLex and WfWP

The needs of women and children are often overlooked, due to cultural reasons or lack of awareness. Case studies from women in rural situations are explained from a personal viewpoint, and combined with realistic nature-based solutions. One of three seminars that investigate human implications of integrated water and ecosystems management.

Event

- | | | |
|--|---|--|
| 09:00 Welcome by moderator
Amanda Loeffen , WaterLex | 09:35 Hygiene/sanitation challenges in Port-au-Prince, Haiti
Anamaria Nunez , IDB | 10:05 Q&A |
| 09:05 Storyteller from Kerkennah islands (Tunisia) explaining how they have managed water on their island
Aida Ghram Kachouri , GIZ | 09:45 School Concept 2, connecting with the case study from Sri Lanka
Jana Junghardt , Caritas | 10:25 Outcome and Conclusion (tbc) , WaterLex |
| 09:20 Women and Children as Catalysts in promoting catchment conservation in Sri Lanka
Kusum Athukorala , NetWwater and WfWP | 09:55 Comment from former Special Rapporteur on the human rights to safe drinking water and sanitation
Catarina de Albuquerque | 10:30 End of session |

Leveraging learning and innovation in NGO led WASH programming (10:00–10:30)

Convenors: DFAT, iDE, Palladium, Civil Society WASH Fund Management Facility, SNV, University of Technology Sydney and WaterAid

NGOs are a critical players in delivering effective WASH investments, bringing to bear unique skills, organisational characteristics and a commitment to leaving no-one behind. Agility, creativity and a willingness to innovate and learn are hallmarks of successful endeavours.

NGOs are diverse, and this is represented in those implementing the 29 projects of the global Australian supported Civil Society WASH Fund (AUD103m). Explicit support to knowledge and learning (K&L) in the portfolio at every level has facilitated cross-fertilisation of ideas and peer-to-peer exchange that is both valued and has improved programming. Over five years we have seen a maturing in approaches and dialogue on gender and disability inclusive WASH, safe sanitation for ecosystem and human health, and increasingly sophisticated approaches to influencing and building enabling environment.

Informed by experiences from Fund partners, session participants will work together to identify key enablers for evolving practice based on K&L processes and evidence. We will learn and discuss how CSOs:

- Institutionalise efforts to leave no one behind
- Leverage strengths and fill gaps in sanitation marketing and innovation
- Innovate in FSM for safe sanitation
- Evolve monitoring tools as avenues for gender transformative WASH and building sector capacity

AFRICA FOCUS | High level ministerial panel: From policy to action (11:00–12:30)

Room: NL Auditorium

Convenor: AMCOW

A high-level ministerial panel in a questions and answers session will discuss the ways in which policy decisions will cascade and influence actions on the ground on issues of sanitation, groundwater governance and transboundary water cooperation.

11:00 Remarks Gladys Gichuri Wambui , Director, AfDB	11:40 Panel Discussion H.E Isack Kamwelwe , AMCOW President / Minister for Water and Irrigation, Tanzania H.E Eng Seleshi Bekele , Minister for Water and Energy, Ethiopia H.E Eng Suleiman Adamu , Minister of Water, Nigeria H.E Gugile Nkwinti , Minister of Water and Sanitation, South Africa H.E Sharafat Elyedri Afailal , Secrétaire d'Etat chargée de l'Eau, Royaume du Maroc H.E Serge Blaise Zoniaba , Minister of Water, Republic of Congo H.E Lloyd Kaziya Mulenga , Minister of Water, Zambia H.E Kimetso Mathaba , Minister of Water Affairs, Lesotho	H.E Joseph Kofi Adda , Minister of Water Resources and Sanitation, Ghana H.E Ahmadou Mansour Faye , Minister for Hydraulic and Sanitation, Senegal H.E Dr Mohamed Abdel Atty , AMCOW Vice President, Northern Africa/Minister for Water and Irrigation Egypt H.E Guy-Bertrand Mapangou , Minister of Water Gabon H.E Dr Vincent Biruta , Minister of Natural Resources, Rwanda
11.10 Remarks H.E Correa Leonel Josefa Sacko , AU Commissioner for Rural Economy and Agriculture		
11.20 Overview of AMCOW Strategy 2018–2030 Dr Canisius Kanangire , AMCOW Executive Secretary		
11:30 Speech and pre-launch of AMCOW Strategy 2018–2030 H.E Eng Isack Kamwelwe , AMCOW President and Minister of Water and Irrigation, Tanzania		12:25 Closing remarks H.E Eng. Isack Kamwelwe , AMCOW President, Minister of Water and Irrigation, Tanzania
		12:30 End of session

African spatial delight: Supermarket for innovative water and ecosystems services



Room: FH
Little Theatre

Convenors: Aqua for All, IHE Delft, Netherlands Ministry of Foreign Affairs, Netherlands Space Office, University of Twente and VIA Water

We all know the value of data, we all know that there are many types of data: satellite, social media, human sensors, in-situ to name just a few. Come and shop around through twelve different showcases in Africa that will demonstrate their value for farmers and city dwellers.

Showcase

11:00 Introduction

Joel Angoran, IHE Institute for Water Education

11:05 One-minute pitches of the three convenors and of our twelve innovative products

11:20 Shop 'till you drop! Stroll around the different stalls, check out the products and do your own shopping

Our stalls and their salesmen and saleswomen:

- VIA Water
Titia Wouters, Aqua for All
- G4AW
Ruud Grim and **Elise van Tilborg**, Netherlands Space Office
- AfriAlliance

Uta Wehn, IHE Institute for Water Education and **Chris Mannaerts**, University of Twente

- Flash Flood Forecasting App
Hanneke Schuurmans, RHDHV
- Water Auditing
Leanne Reichard, Hydrologic
- MajiSYS
Sammy M. Njuki, ITC
- Cropmon
Fiona van der Burgt, Weather Impact
- Maasai Mara Citizen Observatory
Luchiri Omoto, Upande Ltd, Kenya
- STAMP
Catherine Le Come, SNV
- Mapping and monitoring critical developments in Niger Delta, Mali
Jurjen Wagemaker, Floodtags

- Severe Weather Consult
Dominique Mvunabandi, Severe Weather Consult Ltd, Rwanda
- Water Productivity Assessment
Gijs Simons, FutureWater
- FAO WaPOR
Elise van Tilborg, Netherlands Space Office
- EarthH2Observe
Micha Werner, IHE Delft
- AfriAlliance Triple Sensing
Chris Mannaerts, ITC

12:20 Adding up the numbers – which products were top sellers, and which stayed on the shelf?

12:30 End of session

ASIA FOCUS | Challenging nexus technologies, a force for good?



Room:
FH 202

Convenors: ADB, APWF, AWP, FAO and IWMI

The objective of this session is to highlight the complex interconnected nature of water, energy, ecosystems and food. This session will examine the relationships and leverage points of each sector and how they can better work together to produce better, more sustainable outcomes.

Event

11:00 Introduction and the Australian Nexus Experience

Michael Wilson, DFAT

11:15 Introduction to the debate

Ravi Narayanan, APWF

11:20 Debate: With regard to growing competition for often-limited resources at the water-energy-ecosystems-food nexus: Is technology a force for good?

Moderator: **Ravi Narayanan**, APWF

For: Technology is a force for good

Luna Bharati, IWMI
Tom Panella, ADB
Hina Lotia, LEAD
Vittoria Elliot, CI

Against: Technology is not a force for good

Abigail Lynch, USGS
Louise Whiting, FAO
Rob Rendell, RMCG
Peter McCornick, DWFI

12:00 Audience interaction

12:25 Closing remarks

Ravi Narayanan, APWF

12:30 End of session

Wednesday | 29 August | 11:00–12:30

Building watershed resilience and community collaboration under climate change

Room: NL 357

Convenors: AWP, CGIAR-WLE, CRC-WSC and Water Future

Today, watersheds lack resilience to extreme weather events with impacts from heavy rainfall and runoff. This session addresses how a coordinated, watershed-scale plan can be adopted to optimize investment for multiple benefits, and showcases evidence-based, spatial investment tools to support engagement and negotiation between the community, other stakeholders and investors.

Event

11:00 Introduction Dr Anik Bhaduri , Water Future	11:30 Keynote: Building water security resilience in urban environments Prof Tony Wong , CRCWSC	12:20 Summary and Next Steps
11:10 Keynote: Decision Making for Systemic Water Risks: Insights From a Participatory Risk Assessment Process in Vietnam Dr Claudia Ringler , IFPRI	11:40 Panel discussion: Exploring beneficial actions for community, economy and environment Moderator: Dr Marian Neal , AWP Dr Claudia Ringler , IFPRI Prof Jennie Barron , CGIAR Prof Tony Wong , CRCWSC Dr Anik Bhaduri , Water Future	12:30 End of session
11:20 Keynote: Opportunities in building resilience in degraded watersheds: experience from the field in an African context Prof Jennie Barron , CGIAR WLE		

Eye on LAC | Water reserves, an ecological water management model



Room: FH Congress Hall A

Convenors: CAF, IDB, CONAGUA and WWF

Water reserves are defined as the volume of water allocated to a specific function: ecological protection. The session will discuss the origins of the water reserves model, which was pioneered in Mexico, and its potential to become a benchmark for ecological water management in LAC.

Event

11:00 Introduction by moderator Mauro Nalesso , IDB	11:40 Q&A	12:25 Summary and wrap-up by moderator
<i>Part 1. Water resources conservation in Ecuador</i>	<i>Part 3: Panel discussion: Challenges and opportunities to replicate the experience in LAC</i>	12:30 End of session
11:05 An environmental initiative and framework for a water reserve program Helder Solís , SENAGUA	11:55 Adaptation to climate change perspective John Mathews , AGWA	
<i>Part 2. Mexico's national reserve program for the environment</i>	12:00 Biodiversity conservation/ ecosystem services Jeff Opperman , WWF	
11:20 Overview and lessons learned Horacio Rubio , CONAGUA	12:05 Governance Julián Suárez , CAF	
11:30 Technical aspects Eugenio Barrios , WWF	12:10 Q&A	

How can the private sector unlock natural solutions at scale? (11:00–11:30)

Convenor: TNC

There is widespread consensus within the private sector that resource efficiency makes commercial and operational sense. This is particularly the case for companies, such as food and drink producers, that rely heavily on water.

This sector has also now taken a leading role in going beyond their 'factory gates' to better understand and engage in protection of the watersheds upon which they depend, along with the communities around them. At the same time, there is growing recognition of the value of natural infrastructure as a key delivery mechanism for improved water security, however this has not yet been adopted by the private sector as a mainstream practice.

The Nature Conservancy (TNC) believes that mobilising capital and investment towards natural infrastructure is an effective and cost-efficient way to harness the power of nature to protect us from climate change and other future challenges.

TNC is working with a range of private sector organisations to develop multi-stakeholder solutions to mainstream the inclusion of natural infrastructure into watershed protection programmes. For this sofa, TNC will be joined by two of these organisations to share the opportunities and challenges that such an endeavour brings.

Indigenous peoples: Promoting ecosystem protection and human rights



Room: FH 300

Convenors: Cap-Net, UNDP, IDB, ILO, OHCHR, WaterLex UNDP-SIWI and WGF

Indigenous peoples often struggle to be heard, even though they might understand the environment better than anyone else. Case studies from Latin America are explained from the personal view of the tribes themselves. One of three seminars that investigate human implications of integrated water and ecosystems management.

11:00 **Welcome by moderator**
Rio Hada, OHCHR

Recap of the previous session and their interconnectedness, and introduction to the speakers

Case-study presentations:

11:05 **Leader from the Mayan indigenous community Ch'orti' in Guatemala**
Elodia Castillo Vásquez

11:20 **Expert presentation on African country case study**
OHCHR

Expert Presentations/Comments on Case-studies:

11:35 **Improving access to water for indigenous people in the Atlantic Autonomous Region of Nicaragua by ILO**
Géraldine Gené

11:45 **First hand challenges faced due to sea level rise**
Andrew Robinson

12:05 **Q&A**

12:25 **Outcome and Conclusion**
OHCHR

12:30 **End of session**

Industry's role in ecosystem and watershed management



Room: NL
Music Hall

Convenors: ICMM, SIWI and WWF

The more expansive role for the private sector is driving innovation in public policy, technology, business models, partnerships and financing/funding of solutions. This seminar will explore the financial, technical, social and resource management business cases for private sector across global value chains.

Session 2 of 3: Industries' stories from the field: Addressing water, ecosystem and human development challenges

Moderator: **Nicky Black**, ICMM

11:00 **Introduction**
ICMM

11:10 **Think-A-Thon: Presentation of industrial practices**

Supply Chain solutions:

- A public-private partnership implements corporate water stewardship in Colombia
Carlos Toro, Colombia National Cleaner Production Center

- Greening the construction chain through cleaner production and organizational learning
Paola Vasquez, Autonoma de Occidente University

Water Re-use methods

- Coal Industry's contribution to Water-Ecosystem through Gainful utilization of Mine-Water
Sekhar Rayaprolu, Western Coalfields Limited
- Sinopec: Grey-green infrastructure to serve industry and nature
Arnoud Penverne, Veolia

Collective Action

- Mining Sector Collective Action on Water: Challenges and Opportunities outside
Scott Miller, Newmont Mining
Briana Gunn, Newmont Mining
- Promoting responsible water stewardship within the agri-business sector
Ruth Thomas

12:05 **Fishbowl discussion on the role of business in water stewardship**

12:25 **Closing Remarks**
ICMM

12:30 **End of session**

Reducing the impact on and from coastal and marine environments (11:00–11:45)

Room: FH
Cabaret

Convenor: WSP

Can the marine environment sustain the pressure that comes from human activities in coastal environments? WSP presents outcomes and experiences from working with these problems in the real World in different settings and from developing tools in order to reach holistic and ecologically sustainable solutions.

11:00 **Introduction**

11:05 **Assessing the risks and costs to humans from coastal flooding**
Gunilla Kaiser, WSP

11:20 **Creating methods for environmental impact assessment of maritime spatial planning in the Baltic Sea**
Ingrid Tjensvoll, WSP

11:35 **Q&A**

11:45 **End of session**

Wednesday | 29 August | 11:00–12:30

Sustainable infrastructure for inclusive green growth



Room: FH
Congress Hall C

Convenors: AfDB, Daegu Metropolitan City, IWMI, SIWI and WWAP

The seminar will provide an opportunity to discuss what exactly is meant by sustainable infrastructure from an ecosystem and water development perspective, and present pragmatic ideas for implementing sustainable/green infrastructure in water resources management in developing and developed countries.

Seminar

11:00 Introduction session 2 Stefan Uhlenbrook , WWAP	11:25 Q&A Stefan Uhlenbrook , WWAP	12:15 Summary Statements Panellists
11:05 Keynote: Enabling collaborative investment in sustainable infrastructure to restore catchment resilience Stuart Bunn , Australian River Institute	11:30 Opening remarks Stefan Uhlenbrook , WWAP	12:25 Conclusions Stefan Uhlenbrook , WWAP
11:15 Keynote: Tracking sustainable infrastructure with near real-time comprehensive assessments Charles Vörösmarty , City University of New York	11:35 Panel discussion Kathleen Dominique , OECD Caroline Brown , Pegasys Monique Berendsen , Netherlands IHP-HWRP Committee Catalin Stefan , TU Dresden Astrid Michels , GIZ	12:30 End of session
	11:55 Audience discussion Stefan Uhlenbrook , WWAP,	

Understanding the forest-water nexus: Redefining the narrative?



Room: FH 307

Convenors: FAO, IUCN, IUFRO and SWH

Natural solutions, such as managing forests for water supply, will be required to achieve a resilient future. This event will highlight the prevailing forest-water narratives, promote consensus on how to integrate forests in water management / water in forest management.

Event

11:00 Welcome Torgny Holmgren , SIWI, Katarina Veem , SIWI Eduardo Mansur , FAO(tbc) and James Dalton , IUCN	11:40 Panel Discussion Moderator: Lotta Samuelson , SIWI Elisabeth Bernhardt , UNEP Claude Gascon/Christian Severin/Astrid Hillers , GEF (tbc) Todd Gartner , WRI James Reed , CIFOR Elaine Springgay , FAO
11:15 Keynote: Forests and Water Irena Creed , IUFRO – GFEP report (tbc)	
11:30 Amazonia's Flying Rivers (Video) GIZ/BMUZ	12:25 Conclusion and wrap up James Dalton , IUCN
	12:30 End of session

Water, the keystone to climate resilience (11:00–11:45)



Room: NL 253

Convenors: Arts and Culture Council of Lagos, OneWorld Sustainable Investments and Pilot Program for Climate Resilience

From decentralised water resource management in the Caribbean, mapping climate change impacts to water resources in Zambia, to art advocacy for SDG 6 in Nigeria, OneWorld presents a curated “Knowledge Gallery”, illuminating the way in which water is the key to building climate resilience for all.

Showcase

11:00 **Welcoming and opening presentation**

11:10 **Facilitated exploration of the knowledge gallery : World Café style**

11:40 **Sharing and closing**

11:45 **End of session**

Exhibition Hall

A ‘new grid’ approach to sanitation and SDG6.2 (12:00–12:30)

Convenors: Veolia and TBC

Sofa

The sanitation economy not only provides sanitation, enables education, and facilitates better workplaces for women, but it creates a biological resource system and a new source of information about human health and behaviour. The Toilet Board Coalition (TBC) launched the toilet accelerator in 2016, dedicated to supporting sanitation entrepreneurs in low-income markets to help catalyse new business solutions and innovations. In 2017, the TBC introduced the opportunity of the sanitation economy, a future marketplace of untapped business potential, based on growing evidence of significant new benefits for business and society across sectors, an estimated \$62 billion opportunity by 2021 in India alone.

Veolia, a leading member of the TBC and the global leader in optimized resource management, is committed to the deployment of the circular economy on all continents and delivers sanitation services to more than 60 million: Veolia strongly believes in the necessity to develop hybridized solutions using at the same time classic engineered solutions and decentralized solutions within the sanitation economy approach. The two organisations will discuss innovative business opportunities within this ‘new grid’ sanitation economy approach.

Mating belongs to all: Finland's love affair with migratory fish

Room: FH
Cabaret

Convenors: K Group and WWF

This session will explain how an innovative campaign to save endangered migratory fish is transforming Finnish attitudes to dams and rivers – and inspiring a movement to remove small dams and other migratory obstacles. It will show how this approach based on communications and voluntary fieldwork could be replicated elsewhere.

Showcase

- | | |
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| <p>12:00 Time to show Finland's migratory fish some love
Sampsa Vilhunen, WWF</p> <p>12:07 Why we work on fish and rivers?
Matti Kalervo, Kesko</p> <p>12:15 From videos to volunteers: Transforming Finnish attitudes to rivers, dams and migratory fish
Sampsa Vilhunen, WWF and
Matti Kalervo, Kesko</p> | <p>12:35 Audience Q&A: So what's next? And how can other countries learn from, and replicate, our successes?</p> <p>12:45 End of session</p> |
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Using space enabled water quality forecasting in decision making



Room:
NL 253

Convenors: Consiglio Nazionale delle Ricerche, EMVIS, Ente Acque della Sardegna, EOMAP, EUROPEAN DYNAMICS, IWA, Organization for the Development of Crete S.A. and SMHI

Technological innovation is instrumental in addressing our increasingly complex and multidisciplinary water challenges as to ensure sustainability while supporting economic growth. Space technology is part of promoting and supporting innovation by providing environmental information which can be used to improve preparedness and planning by water utilities and other end users.

Showcase

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| <p>12:00 Setting the scene: How can satellite technology combined with local monitoring and advanced modelling be used to improve reservoir's management and performance of service providers downstream
Apostolis Tzimas, EMVIS</p> <p>12:10 Demonstration of the decision support system components
Evangelos Romas, EMVIS</p> <ul style="list-style-type: none"> • Environmental information system • Early warning system | <ul style="list-style-type: none"> • Optimizing performance in water treatment plants <p>12:30 Discussion with audience – how can this type of technology reduce the economic impact of algal blooms and turbidity?
Moderators: Katharine Cross, IWA and Carolina Latorre, IWA</p> <ul style="list-style-type: none"> • How would you use the information provided by the tools in practice? Who would find it useful and how would they apply it? | <ul style="list-style-type: none"> • What type of investments have been undertaken to reduce or deal with algal blooms and/or turbidity? • What information is missing and do you think such technology can fill this gap? <p>12:45 End of session</p> |
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Asia water-nomics: More GDP with less water and pollution



Room: NL 357

Convenor: China Water Risk

Water is essential for development and climate change is exacerbating water challenges - it's time to embed this in economic planning. How can we generate GDP with less water and pollution? Hear about balancing trade-offs between development and water resources – from the Yangtze to the Ganges, Indus and beyond.

Event

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| 14:00 Welcome remarks
China Water Risk | 14:35 Micro-level water-nomics: evaluating sectoral water risks
Yuanchao Xu, CWR |
| 14:05 Water-nomics to ensure Asia's future prospects
Feng Hu, Water-nomics, CWR | 14:45 Panel discussion and audience Q&A
Moderator: Feng Hu , CWR
Claudia Ringler , IFPRI
Luna Bharati , IWMI
Megan McLeod , AWS Asia-Pacific |
| 14:15 Managing water and climate risks in the rural areas
Luna Bharati, IWMI | |
| 14:25 Macro-economic impacts of water scarcity and redlines in China: Results from an integrated regional CGE water model
Claudia Ringler, IFPRI | 15:25 Closing remarks
15:30 End of session |

Connecting water, security and peace through ecosystems



Room: FH Little Theatre

Convenors: Forest Trends, Geneva Water Hub, IUCN, UNEP, UNECE, and Wetlands International

The increasing demands and potential solutions for water security, peace and development through good nature resource governance will be examined through several cases, focusing on Africa. The session will also discuss the types of solutions needed to ensure that governance of ecosystems contributes to peace instead of exacerbating conflicts.

Event

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| 14:00 Welcome
Jane Madgwick, Wetlands International | 14:40 Round table discussions about solutions needed to ensure that ecosystems contribute to peace
<ul style="list-style-type: none"> • governance solutions • technical solutions • financial solutions • stakeholder solutions |
| 14:05 Video message
Ibrahim Thiaw, Special UN Adviser for the Sahel | |
| 14:10 Expert interviews about the role of ecosystems in relation to conflict/peace and solutions
Joseph Bartel, Ministry of Environment and Forestry, South Sudan
Eiman Karar, UNEP
Karounga Keita, Wetlands International
Lindsey Aldaco-Manner, WYPW | 15:10 Final reflections
Danilo Türk, Global High Level-Panel on Water and Peace
15:30 End of session |

Donors' water strategies under the 2030 agenda



Room: FH 202

Convenors: BMZ, EC, SDC and USAID

The event presents and discusses donors' water strategies under the 2030 agenda. Several donors have put forward or work on new approaches like Germany's BMZ, Swiss SDC, oder EU DEVCO. How are the 2030 agenda and the Paris agreement mainstreamed? What aspects are new?

Event

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| <p>14.00 Welcome remarks
Tania Rödiger-Vorwerk, BMZ</p> <p>14.05 Donors' water strategies: An overview highlighting common topics and unique approaches
Eileen Hofstetter, SDC</p> <p>14.20 Ignite talks
Mike Muller, University of Witwatersrand and
Katrin Gronemeier, GIZ</p> | <p>14.30 Panel discussion
James M. Peters, USAID
Antton Keto, Ministry of Environment, Finland
Ylenia Rosso, EU DEVCO
Franz Marré, BMZ
Eileen Hofstetter, SDC</p> <p>15.00 Audience discussion</p> <p>15.20 Closing remarks
Tania Rödiger-Vorwerk, BMZ</p> | <p>15:30 End of session</p> |
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Follow up on the high-level panel on water: Financing and valuing



Room: NL Pillar Hall

Convenors: Government of the Netherlands, OECD, Office of the President of Hungary and WWC

The high level panel on water set out key recommendations on financing and valuing water in March 2018. This session will explore how these recommendations can be implemented by mobilising the relevant stakeholders around a common agenda for action, including via the roundtable on financing water.

Event

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| <p>14:00 Welcome and introduction
János Áder, President of Hungary
Henk Ovink, Special Envoy for International Water Affairs, Kingdom of the Netherlands</p> | <p><i>Putting Principles into practice: How can valuing water enable financing?</i></p> <p>14:10 Moderated interactive discussion between session participants and experts
Moderator: Dr Xavier Leflaive, OECD
Prof Charles Vörösmarty, University of New York
Jennifer Sara, The World Bank
Usha Roa Monari, Global Water Development Partners, Blackstone Portfolio Company
Stuart Orr, WWF
Chanda Mwale, WWF</p> | <p><i>Wrap-up and closing</i></p> <p>15:00 Key take-away messages from the interactive discussion
Hannah Leckie, OECD</p> <p>15:05 Closing remarks and signal future work on related issues
Dr Benedito Braga, WWC</p> <p>15:30 End of session</p> |
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Global resilience partnership: Building a sustainable flood resilient future

Room: NL 253

Convenors: IUCN and GRP

A sustainable flood resilient future in a world of uncertainty requires approaches that work with ecosystems. Delivered by practitioners, this event will showcase flood resilient innovations from the field as part of the global resilience partnership water window grants (funded by Zurich Foundation).

Showcase

14:00 Introduction: The Zurich Foundation and the Global Resilience Partnership's commitment to a sustainable flood resilience future

David Nash, the Zurich Foundation

14:15 The role of nature based solutions in building flood resilience

Dr James Dalton, IUCN

14:30 Three PechaKucha presentations from GRP Grant Project Leaders from the field:

- Trans-boundary flood risk mitigation through governance and innovative information technology
Nyoman Prayoga, Mercy Corps
- The impacts of flooding on well-being and the role of ecosystem based adaptation in Vietnam
Dr Philip Bubeck, Universität Potsdam
- Building the resilience of vulnerable coastal communities against floods in Sri Lanka
Karen Peterson, Seacology

15:00 Audience led group discussion on two biggest opportunities and challenges of scaling ecosystem based approaches to flood resilience

15:20 Report back highlights in plenary

Dr Nathaniel Matthews, GRP

15:30 End of session

Industry's role in ecosystem and watershed management



Room: NL Music Hall (456)

Convenors: ICMM, SIWI and WWF

The more expansive role for the private sector is driving innovation in public policy, technology, business models, partnerships and financing/funding of solutions. This seminar will explore the financial, technical, social and resource management business cases for private sector across global value chains.

Seminar

Session 3 of 3: Financing impact acceleration: Savvy, sustainable, and scalable solutions to address industrial water impact

Moderators: **Rami Narte**, Nordic Agency for Sustainable Impact (NordAgency) and **Nicole Dinion**, Ericsson

14:00 Workshop introduction
Rami Narte, NordAgency and **Nicole Dinion**, Ericsson

14:05 Presentation of accelerator method

Rami Narte, NordAgency, ImagineH2O and cewas

14:10 Ted-like Talks: Introduction

Moderator: **Rami Narte**, NordAgency

- Leveraging artificial intelligence to accelerate solutions to wicked water problems
Josh Henretig, Microsoft
- Quantifying water consumption embedded in electricity generation
Stefanie Woodward, WSP
- Identifying impacts of private sector water abstractions: A Kenyan application
Julien Harou, University of Manchester

14:25 Acceleration workshop

15:30 End of session

Innovative taxation models for urban ecosystem sanitation



Room: FH
Congress Hall A

Convenors: APHRC, Aquaya, Gates Foundation, KEWASNET, ODI, World Bank, Water Services Regulatory Board Kenya, Water Services Trust Fund, and WSUP

Innovative financing often refers to hip-sounding concepts like “impact investment” or “green bonds”. OK, so maybe taxation isn’t hip: but it can certainly be raised in innovative ways. This session will report recent research around tax and cross-subsidy generation for urban sanitation, and for urban ecosystem quality more widely.

Event

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| <p>14:00 Welcome</p> <p>14:05 Introduction: Redistributive financing through taxation or cross-subsidy... defining some key terms and concepts</p> <p>14:10 Recent research findings: Results from Kenya around willingness of utility customers to pay a pro-poor sanitation surcharge, and summary of related research from Ghana and Mozambique</p> | <p>14:30 Participant opinion poll: What is YOUR view about the importance of redistributive financing?</p> <p>14:35 The wider picture: Political economy challenges of redistributive financing</p> <p>14:45 Table discussions
<i>We want to hear your views!</i></p> <p>15:10 Interview with Engineer Robert Gakubia, CEO of Kenya's water regulator WASREB</p> | <p>15:25 Closing reflections from selected participants</p> <p>15:30 End of session</p> |
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Mapping the urban sanitation challenge: Nairobi SFD



Room: NL 353

Convenors: APHRC, Nairobi County Government, Nairobi Water and Sewerage company

This event will showcase Nairobi’s multi-stakeholder, government-led, internationally-validated Shitflow Diagram (SFD) process. We will share the diagram and reflections on the process for stakeholders involved. We will then facilitate an interactive, candid discussion on how the SFD can be a tool to mobilize political will and resources for urban sanitation.

Showcase

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| <p>14:00 Overview of the process : From initiation to validation
APHRC and Sanergy</p> <p>14:10 Presentation of the research evidence: The Nairobi Shit Flow Diagram (SFD)
APHRC</p> <p>14:20 Presentation on financing and shared responsibility in sanitation public service delivery
Devolved Government Official</p> | <p>14:40 Presentation on priorities and what implementation (current and future)
Representative from Nairobi Water</p> <p>15:00 Question and Answer Session
Moderator: Sanergy</p> <p>15:30 End of session</p> |
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Refugees and migrants: Promoting ecosystem protection and human rights



Room:
FH 300

Convenors: Geneva Water Hub, IDB, International Organization for Migration, OHCHR, University of Geneva, UNHCR and WaterLex

Water and sanitation policies for refugees and migrants are often overlooked, as they fall between different jurisdictions and national laws. Case studies from migrants are introduced from a personal viewpoint. One of three seminars that investigate human implications of integrated water and ecosystems management.

Event

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| 14:00 | Welcome and recap of the previous two session and their interconnectedness, and introduction to the speakers
Moderator: Amanda Loeffen , WaterLex | 14:20 | Solving water and sanitation challenges for the Rohingya in Bangladesh
Antonio Torres , IOM | 15:10 | Concluding session on promoting ecosystem protection and human rights
IDB, OHCHR and WaterLex |
| 14:05 | Experiences as a refugee in South Sudan and how nature-based solutions are used to deal with challenges on water and sanitation
Maiwen Dot Pheot Ngalueth | 14:35 | Comments on refugees and migrants based on the case-studies presentations
Prof Mara Tignino , Geneva Water Hub/UNIGE and Rakia Turner , WaterLex | 15:25 | General conclusions and wrap up
Rio Hada , OHCHR |
| | | 14:50 | Q&A | 15:30 | End of session |

Exhibition Hall

Stockholm Junior Water Prize winner(s) 2018 (14:00–14:30)

Convenors: SIWI and Xylem

Sofa

Founding Global Sponsor presents the winner of the 2018 Stockholm Junior Water Prize. Come meet the winner and learn about their innovative winning project and listen to how they became interested in water research.

The 2018 contest featured contestants from 33 countries. In addition, hear from Xylem's Vice President of Global Affairs, Kelly McAndrew, about why the company has been the Founding Global Sponsor of the SJWP for the past 22 consecutive years.

Xylem was also instrumental in helping SIWI to develop the WaterTank, a digital platform to promote the Stockholm Junior Water Prize and the achievements of its participants. The goal of this platform is to connect finalists, winners and alumni to industry advisors, research grants, and other global and local opportunities.

Sustainable infrastructure for inclusive green growth



Room: FH
Congress Hall C

Convenors: AfDB, Daegu Metropolitan City, IWMI, SIWI and WWAP

The seminar will provide an opportunity to discuss what exactly is meant by sustainable infrastructure from an ecosystem and water development perspective, and present pragmatic ideas for implementing sustainable/green infrastructure in water resources management in developing and developed countries.

Seminar

14:00 Introduction Gyewoon Choi , Incheon National University	14:25 Q&A Gyewoon Choi , Incheon National University	14:55 Audience discussion Gyewoon Choi , Incheon National University
14:05 Keynote: Daegu Metropolitan City sustainable infrastructure Jum Mun Kang , Daegu Metropolitan City	14:30 Opening remarks Gyewoon Choi , Incheon National University	15:10 Takeaways
14:15 Keynote: Implementing a social-ecological landscape approach for wetland management Alan Dixon , University of Worcester and Adrian Wood , University of Huddersfield	14:35 Round table Nassia Kassela GWP Mediterranean Maria Lennartsson City of Stockholm Claudia Ringler , IFPRI Laurent Auguste , Veolia Paul Pavelic , IWMI Xuli Meng , University of Queensland	15:20 Seminar conclusions Maimuna Nalubega , AfDB
		15:30 End of session

The source-to-sea balancing act: Development needs and ecosystem preservation

Room: FH 307

Convenors: Delta Alliance, FAO, Future Earth Coasts, IUCN, S2S Platform, SwAM and WGF

More than half of the global value of ecosystem services is provided by coastal ecosystems, but much of it is jeopardized by human activities that take place upstream. The session will identify opportunities for addressing source-to-sea priorities as part of climate adaptation and sustainable development efforts.

Event

14:00 Welcome and introduction Torkil J. Clausen , S2S Platform	14:25 Delta impacts from dams in the Mekong basin Patrick Leinenkugel , German Aerospace Center	14:45 Panel discussion and audience interaction Andrew Hudson , UNDP Jakob Granit , SwAM Martha Rojas-Urrego , RAMSAR Convention (tbc) Lars Ronnås , Swedish Ambassador for Climate Martin LeTissier , Future Earth Coasts (tbc) Aimee Gonzales , PEMSEA (tbc)
14:05 Keynote H.E Tran Hong Ha , Minister of Natural Resources and Environment, Viet Nam (tbc)	14:30 Hydropower stakeholder dialogue in Sweden Inger Poveda Björklund , SWaM	
14:15 Video message Peter Thomson , UN Special Envoy for the Ocean	14:35 Tackling agricultural practices linked to soil and water pollution Olcay Unver , FAO	
<i>Ignite presentations: The source-to-sea balancing act</i> 14:20 Deltas – where the river meets the sea in Kenya and Ghana Cees van de Guchte , Delta Alliance	14:40 Marine plastic pollution: a needed life cycle approach. Examples from the MARPLASTICCs Initiative Carole Martinez , IUCN and Lea Dubois , IUCN	15:25 Closing remarks
		15:30 End of session

Water finance constrains: Africa and Sweden



Room: FH
Cabaret

Convenors: AMCOW, European Commission, Sida, SIWI and SISD

It is well-documented that attracting finance to water infrastructure development in Africa is notoriously difficult. Interestingly, it also proves challenging to attract finance to water infrastructure in Sweden. This session explores the constrains and identifies commonalities between the two locations. Participants respond with possible approaches to overcoming these constraints.

Showcase

14:00 Welcome and session structure Anton Earle , SIWI	14:26 Challenges and opportunities for water infrastructure financing across Africa using case studies from the AEWPP project pipeline Ziyanda Mpakama , AEWPP, SIWI	14:50 World Café <ul style="list-style-type: none"> • Municipal challenges to take on debt for water infrastructure • Tariff setting (parallel discussions in English and French) • Legal and regulatory environment for investment including alternative procurement challenges • Addressing capacity gaps at multiple scales (municipal, national, regional, global) (parallel discussions in English and French) • Blended financing for water investments
14:05 Welcome address Dr Canisius Kanangire , AMCOW and EU representative	14:32 Blended finance for water investments: opportunities and challenges Kathleen Dominique , OECD	
14:10 Welcome and introduction to showcase: Common challenges and opportunities, knowledge exchange across a variety of scales (municipal, national, regional, global) Karin Anette Andersson , Sida	14:40 Introduction to the World Café, thematic issues and table facilitators Moderators: Anton Earle , SIWI and Dr Grit Martinez , Ecologic	
14:18 Challenges and opportunities for water infrastructure financing in Sweden: presentation of SISD study key findings Charlotta Dawidowski Sydstrand , AP7		15:20 Reporting Back Anton Earle , SIWI
		15:30 End of session

Exhibition Hall

Bee together and water in school (15:00–15:30)

Convenor: Connected Dreams

Sofa

Water is the main ingredient in many foods and water is the crucial link in the project “Bee together”. The shortage of clean drinking-water doesn’t just create problems for the human race and we can today see how chemicals, pesticides and waste fundamentally threaten the basic prerequisites for life on Earth. A lack of clean water will lead to conflicts, war and financial collapse. We humans can choose to change imbalance to balance and we now want to present “Bee together”, where the schooling system and student democracy are at the forefront.

Interaction between young and old, where old knowledge are placed in the hands of the young and where the flow of the river makes this project transboundary, both locally, regionally and globally. The Beetogether project connect water councils, beekeepers and schools. Every river is connecting with another river. In our sofa we give a “Beetogether perspective”. The network “water in school” share their perspectives about the solutions we need for making the water framework connect with school systems.

Wednesday | 29 August | 16:00–17:30

A common vision for Peru: Natural infrastructure for water security

Room: NL 353

Convenors: Forest Trends and USAID

Green infrastructure is increasingly recognized as critical to achieving water security, while also addressing related challenges climate adaptation, DRM, food security, and health. This event highlights a unique, innovative new effort in Peru creating a common vision-green infrastructure roadmap to facilitate integrated, cross-sectoral planning and investment processes throughout Peru.

Showcase

16:00 **Welcome and overview of the session**

16:10 **Keynote: Natural infrastructure for water security in Peru**

16:30 **Government of Peru panel: Cross-sectoral collaboration towards a common vision**

17:10 **Audience discussion with panel**

17:25 **Closing remarks**

17:30 **End of session**

Blue schools: Linking WASH in schools with other SDG6 targets (16:00–16:45)



Room: FH Cabaret

Convenors: Caritas Switzerland, HELVETAS, Sandec at Eawag, SDC, Swiss Red Cross, Swiss Water and Sanitation Consortium and Terre des Hommes

Blue schools offer a healthy learning environment and expose students to environmentally-friendly technologies and practices in the classroom and school environs. Conveners will launch the blue school concept 2.0, geared to connect students with all SDG 6 targets and inspire the next generation of WASH and environment sector champions.

Showcase

16:00 **Welcome and launching the blue schools kit**
Agnes Montangero, HELVETAS
Swiss Intercooperation
John Brogan, Terre des hommes

16:30 **Q&A Panel**
John Brogan, Terre des hommes
Lucie Leclert, Caritas Switzerland
Shreelata Rana, Swiss Red Cross

16:10 **Putting blue schools into action**
Lucie Leclert, Caritas Switzerland

16:40 **Summary and wrap-up**

16:45 **End of session**

16:20 **Experience from the field**
Shreelata Rana, Swiss Red Cross

Wednesday | 29 August | 16:00–17:30

Closing urban water cycles: Transforming urban water solutions



Room: FH
Congress Hall A

Convenors: BGR and KfW Development Bank

To meet the urban water challenges, alternative ways of producing and storing potable water are strongly required. The event showcases innovations and lessons learnt in field of direct water reclamation and artificial aquifer recharge, that seek to close or at least narrow the urban water cycle towards increased sustainability.

Event

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| 16:00 Opening statement /overview of the event | 17:10 Q&A / Discussion |
| 16:05 Introduction: Transforming urban water cycles
BGR / KfW | 17:25 Closing remarks |
| 16:20 Intra-urban water reuse: Case studies
Peter Cornel , TU Darmstadt | 17:30 End of session |
| 16:45 Groundwater in urban water cycles: The southern African experience
Kevin Pietersen , University of the Western Cape | |

Efficiency, sufficiency, sustainability: Allocation in river basins



Room: NL 357

Convenors: Cranfield University, FAO, Institute of Natural Resources NPC, IUCN, University of East Anglia and WWF

Water (re)allocation is a complex water policy challenge. How to prioritise different river basin benefits and functions given limited water resources? This event will debate policy challenges and public and private responses to improve water allocation that includes ecosystem and development needs.

Event

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| 16:00 Welcome and brief opening remarks
James Dalton , IUCN | 16:30 Facilitated audience perspectives
Stuart Orr , WWF | 17:05 Discussant panel exchange with audience
Prof Tim Hess , Cranfield University
Kate Pringle , Institute of Natural Resources, South Africa |
| 16:05 Legacies, gaps, subterfuge and echo-chambers: Reflections on the absence of managed water re-allocation
Prof Bruce Lankford , School of International Development, UEA | 16:45 The joint water allocation plan in the Mara river basin
Abdulkarim H Seid , NBI Secretariat | 17:25 Summary points and next steps
Abraham Amali , Cologne University of Applied Sciences (tbc) |
| 16:20 Limits to real water saving: Options for water efficiency v productivity in agriculture under water scarcity
Louise Whiting , FAO | 16:55 Solar irrigation: A sustainable solution for all?
Meredith Giordano , IWMI | 17:30 End of session |

Innovation spotlight: Meet Imagine H2O's urban drinking water challenge winners (16:00–16:30)

Convenors: 11th Hour Racing, Bluewater Group and Imagine H2O

The winning startups of Imagine H2O's 2018 urban drinking water challenge will discuss their innovative technologies, commercialization strategies and broader vision for deployment at scale.

The challenge empowers, sustains and deploys decentralized drinking water solutions to help solve urban drinking water scarcity and secure measurable progress towards SDG 6. Founding Challenge Partners, Bluewater Group and 11th Hour Racing, have committed up to \$1 million in deployment awards and investment opportunities. By unlocking financial resources for validation, the competition creates the necessary proof points to incentivize full-scale deployment while sharing the opportunities and challenges to inspire wider adoption.

Jeremy Pochman, Co-founder and Strategic Director of 11th Hour Racing, and Anders Jacobson, President of Stockholm-based Bluewater Group, will interview and moderate the session with the Challenge winners.

Innovative financing mechanisms for water scarcity in agriculture



Room:
FH 307

Convenors: CIRAD, Climate-KIC, EIB, FAO, IFAD, OECD, World Bank and WBCSD

The threat posed by water scarcity in agriculture calls for innovative and sustainable funding mechanisms. This event will share emerging financing options that have been identified and the opportunities that they offer to fund interventions aimed at alleviating water scarcity in agriculture in the face of climate change.

16:00 Welcome, objectives and expected outcomes Facilitator: Michael Schulte , World Bank	16:25 Responses in the context of the four basic steps (grants, pilot, blended finance, international support) IFAD, OECD, World Bank	16:50 Responses in the context of the four basic steps (grants, pilot, blended finance, international support) IFAD, OECD, World Bank
16:05 WASAG perspective Ruhiza Boroto , FAO	16:40 Wrap up Facilitator: Michael Schulte , World Bank	17:05 Wrap up Facilitator: Michael Schulte , World Bank
16:10 Proposed framework for innovative financing mechanisms Daniel Zimmer , Climate-KIC	16:45 Case study 2 by WASAG working group on drought preparedness Daniel Tsegai , UNCCD	17:10 Proposed support strategy Mawira Chitima , IFAD Daniel Zimmer , Climate-KIC
16:20 Case study 1 by WASAG working group on water and migration Julienne Roux , GWP		17:25 Way forward/next steps Michael Schulte , World Bank
		17:30 End of session

Wednesday | 29 August | 16:00–17:30

One billion left behind: Making global water efforts disability inclusive

Room: FH 300

Convenors: Sida, World Bank and WaterAid

SDG 6 can only be achieved if inclusive approaches are adopted at scale. This session will help to improve practice, deepen policy commitments, and accelerate progress towards universal access, building on growing experience in the water sector of approaches that are inclusive of people with disabilities, older people and carers.

Event

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| <p>16:00 Welcome
Safia Nalule Juuko, Human Rights of Women and Girls with Disabilities, Member of Parliament in Uganda</p> <p>16:10 Disability Inclusion at scale, Indonesia
Tanozisochoi Lase, Ministry of Public Works and Housing, Indonesia</p> <p>16:20 Disabling menstrual barriers research, Nepal
Chelsea Huggett, WaterAid</p> | <p>16:25 Panel Discussion on disability inclusive global water efforts
Moderator: Safia Nalule Juuko, Human Rights of Women and Girls with Disabilities, Member of Parliament in Uganda
Tanozisochoi Lase, Ministry of Public Works and Housing, Indonesia
Rachel Jolly Water, DFAT
Megan Tucker, UNICEF
Chelsea Huggett, WaterAid</p> | <p>16:55 Round table workshop on the following themes</p> <ul style="list-style-type: none"> • Taking disability inclusion efforts to scale • Taking disability inclusion 'beyond ramps' <p>17:25 Summary and wrap-up
Safia Nalule Juuko, Human Rights of Women and Girls with Disabilities, Member of Parliament in Uganda</p> <p>17:30 End of session</p> |
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Share, conserve, develop! Balancing it all in transboundary basins?



Room: FH 202

Convenors: CI, Forest Trends, IUCN and IWMI

Transboundary stakeholders, including women, are mobilising multi-level cooperation to weigh trade-offs around shared water, energy, agriculture and ecosystems. Through inclusive planning approaches, e.g., benefit-sharing and Nexus assessments, they seek to balance development and conservation. This session will examine results of inclusive transboundary governance to derive recommendations for policy.

Event

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| <p>16:00 Introduction and setting the scene
Dr Isabelle Fauconnier, IUCN</p> <p>16:10 Stakeholder-inclusive benefit opportunities assessment in the Sio-Malaba-Malakisi basin
Rose Ogara, Water Resources Authority Lake Victoria North and Louis Mugisha, Kyoga Water Management Zone, Ministry of Water and Environment, Uganda</p> <p>16:20 Audience reaction round 1
Moderator: Lesha Witmer, WFWP</p> | <p>16:30 Freshwater health assessment with basin-level stakeholders
Dr Derek Vollmer, CI</p> <p>16:40 Audience reaction round 2
Moderator: Dr Chris Dickens, IWMI</p> <p>16:50 Women's inclusion in transboundary groundwater resources governance
Dr Alice Aureli, UNESCO IHP</p> | <p>17:00 Moderated discussion with audience
Eileen Hofstetter, Global Programme Water SDC
Natasha Westheimer, Office of the Quartet
Annemiek Jenniskens, WFWP</p> <p>17:25 Closing remarks
Mark Smith, IWMI</p> <p>17:30 End of session</p> |
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Wednesday | 29 August | 16:00–17:30

The trillion-dollar question: Turning safely managed finances into sustainable services

Room: FH
Little Theatre

Convenors: BMZ, CABRI, GIZ, KEWASNET, SWA and WIN

Water sector institutions need to become more effective in using the currently available resources and demonstrate clean financial management to access new sources of finance. Bringing together partners from the water and (public) finance sector, this session will identify where the current challenges lie and how they can be addressed.

Event

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| <p>16:00 Welcome and Keynote: Why and how to invest better for WASH
Catarina de Albuquerque, SWA</p> <p>16:15 Board game
<i>Race your team through the maze of sector financing! Help us find new leads to overcome challenges around financial planning and absorption, project design, procurement and contract management, accountability and corruption risks.</i></p> | <p>16:55 Panel Discussion: Which leads to follow? Towards overcoming inefficiencies and creating fiscal space for new sources of funding
Neil Cole, CABRI
Eng. Festus Ng'eno, CEC caucus on water, forestry and mining, Council of Governors, Kenya (tbc)
Representatives from civil society and development partners</p> | <p>17:30 End of session</p> |
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Using big data and earth observations for SDG 6 monitoring



Room: NL
Pillar Hall

Convenors: DHI, ESA, NASA, UNEP and US Forest Service

The earth observation and earth science communities, together with the international development community, country representatives, and UN Environment will join to discuss the potential for using satellite-based earth observation data, developed methodologies and tools for reporting on Sustainable Development Goal 6.

Event

- | | | |
|--|---|--|
| <p>16:00 Welcome and brief opening remarks
Hartwig Kremer, UNEP and Stuart Crane, UNEP</p> <p>16:05 Using earth observations to measure water quality
Nima Pahlevan, NASA</p> <p>16:15 Watershed health assessments
Raha Hakimdavar, NASA/US Forest Service</p> | <p>16:25 Using earth observations to monitor water resources
Benjamin Koetz, ESA</p> <p>16:35 Live demo: Engaging citizen science in water quality monitoring (tbc)</p> <p>16:45 Pooling the data into intersectoral governance for in-country implementation
Christian Tøttrup, Danish Hydrological Institute</p> | <p>16:55 Panel discussion moderated by UNEP
NASA, ESA, DHI, World Bank</p> <p>17:25 Closing remarks</p> <p>17:30 End of session</p> |
|--|---|--|

Water for well-being: From framework to action



Room: NL Auditorium

Convenors: FAO, Global Framework on Water Scarcity in Agriculture, IFPRI, IWMI, SIWI, World Bank and USAID

Water is a fundamental input into the wellbeing of populations, and a key determinant of child nutrition. This session frames the linkages between water and nutrition through the food security pathway, highlighting case studies across water for agriculture, irrigation, water resources management, and water sector reforms that have incorporated nutritional considerations to enhance human development impact.

Event

16:00	Welcome and instructions for audience participation Moderator: Rob Bertram , USAID	16:25	Top 2 questions from audience (using cards)	17:00	Top 2 questions from audience (using cards)
16:05	Overview of frameworks for irrigation and water resource management impacts on child nutrition Claudia Ringler , IFPRI	16:30	Multiple use systems and nutrition Stephanie Maurissen , USAID	17:05	Interactive Q&A
16:15	Overview of framework for WASH impacts on nutrition and embedding water in World Bank early years framework and lending operations Claire Chase , World Bank	16:40	Disruptive technology in agriculture and impacts on nutrition Linda Kwamboka , m-farm	17:30	End of session
		16:50	Food security, stunting, and sustainable irrigated agriculture in Rwanda Aimee Marie Ange Mpambara , World Bank		

Water stewardship collaboration for the textiles sector



Room: NL Music Hall

Convenors: GIZ, HSBC, UNGC CEO Water Mandate and WWF

Following up on last year's textile sector seminars, this session explores the challenges and opportunities around water stewardship for the textiles sector and whether efforts can be coordinated at a global level to drive further impact reduction and governance improvements in high risk regions.

Event

16:00	Introduction Laila Petrie , WWF	16:50	Building a new approach to alignment and collaboration on collective action? <i>Panelists from the previous discussion will each propose different ideas and approaches for how to scale collective action in the textiles sector and how to best align the existing initiatives and efforts.</i> <i>The audience will have the opportunity to pose questions before voting to evaluate the approaches, to select what they believe the best model of scale up and alignment will be.</i>	17:30	End of session
16:10	Panel discussion: What have we learned so far from doing collective action? What are the big opportunities to do it better? <i>Featuring leading brands, government organisations and NGOs/implementing partners</i>				

Wednesday | 29 August | 16:00–22:30

Why can't a tailor fly a plane? (16:00–16:45)

Room: NL 253

Convenors: Government of Ethiopia, IRC and UNICEF

Ethiopia is currently introducing rural public water utilities to reduce levels of non-functionality of rural water systems whilst at the same time to improve service levels to achieve the SDG and GoE growth and transformation plan targets.

Showcase

- | | |
|--|---|
| 16:00 Welcome, showcase introduction and thematic definitions | 16:20 Fish bowl: 'Big fish statements and discussion' |
| 16:02 Film/animation: "We have a situation" | 16:40 Launch of public rural utility guideline and closure: Where do we take it from here? |
| 16:07 Welcome remarks: The global need to rethink rural water supply | 16:45 End of session |
| 16:10 Ethiopia: Rural public utility model and regulatory roadmap as key pillar of Ethiopia's climate resilient ONEWASH programme | |

Stockholm Water Prize

The 2018 Stockholm Water Prize, in honour of Professor Bruce Rittmann and Professor Mark van Loosdrecht, will be presented by H.R.H. Crown Princess Victoria of Sweden in the Stockholm City Hall. Her Royal Highness will be present at the Royal Award Ceremony and the following Banquet. The Princess's presence, the exclusive entertainment and the beautiful interiors of the Stockholm City Hall will make this event both glamorous and unforgettable.

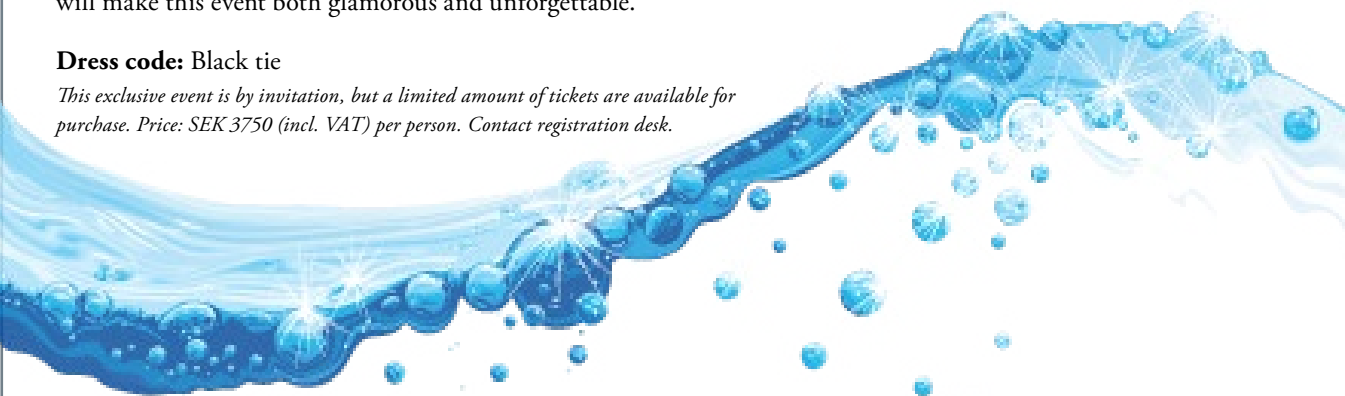
Dress code: Black tie

This exclusive event is by invitation, but a limited amount of tickets are available for purchase. Price: SEK 3750 (incl. VAT) per person. Contact registration desk.

Award Ceremony and Royal Banquet

Stockholm City Hall

16:30–22:30



The Founders of the Stockholm Water Prize are: Bacardi, Europeiska ERV, Poul Due Jensen Foundation, Ragn-Sells, Water Environment Federation, Xylem Inc. and Ålandsbanken. The convenor of this session is SIWI in collaboration with the City of Stockholm.

Beyond toilets: Moving to ODF+ in Indian cities



Room: NL 253

Convenors: CEPT University, Gates Foundation and WSUP

The showcase will review experiences of cities in India that have moved from being ODF to ODF+ by managing their fecal sludge. These experiences are now being scaled up nationwide and provide important lessons in financing, governance and capacity building of local governments and private sector enterprises.

Showcase

17:00 Opening Remarks

Moderator: **Danielle Pedit**, Gates Foundation

17:05 Presentation

Meera Mehta, CEPT

17:25 Presentation

Neil Jaffery, WSUP

17:35 Discussion

17:45 End of session

Sanitation worker safety: A 5-million people strong blindspot in sanitation

Room: FH Cabaret

Convenors: Dalberg Global Development Advisors and Gates Foundation

India has 5 million sanitation workers involved in eight types of work across the sanitation value chain with extreme levels of hazard, social ostracism, and poor incomes. A Dalberg project, carried out with support from the Gates Foundation, shines a light on the problem and prepares an innovative path forward.

Showcase

17:00 Presentation based on the study carried out by Dalberg Advisors on sanitation workers in India

- Worker typologies, safety and livelihood risks, behavioural / social / infrastructural insights will be covered as well as a list of effective innovations that can be deployed.

17:15 Sharing progress on the pilots that have been launched by Dalberg and other partners to help implement some of these innovations

17:25 Showcase of 3 key asks from the global community of organizations interested in this issue

17:35 Q&A

17:45 End of session

Strong WASH systems: The essential element for SDG6 achievement (17:00–17:30)

Convenors: IRC, USAID and Water Resources Planning and Regulation Ministry of Water and Environment, Uganda

The delivery of safe and sustainable WASH services to everyone requires strong WASH systems, within districts and countries. This discussion will provide insight into the key elements and approaches that make up a system and identify areas of weakness. The panelists will share experiences with systems strengthening approaches including district master planning and collective action through learning alliances and will touch on the processes, challenges, and successes involved. The panelists will be representatives from government, donors, and NGOs.

The sofa discussion will begin by introducing IRC's building blocks for strong WASH systems and the role of collective action "learning alliances" as a model for driving knowledge among actors within the WASH system. The discussion will progress by examining how developing district WASH SDG master plans can serve as a vehicle for introducing systems thinking. Cases from across Africa will be used as examples.

Dataflow meets waterflow

How can hackathons provide innovation?

Convenors: GIZ

Impact Hub Stockholm
Luntmakargatan 25

18:00–20:00

Impact Hubs are centers for impactful innovation around the world. The event will trigger a discussion on how innovative solutions can provide an innovation impact in the water sector. Winners of #hack4water Brazil - at World Water Forum - will showcase solutions, present the process and join a panel with local entrepreneurs.

17:00 **Welcome and short introduction to Impact Hub Stockholm**
Jesper Kjelleras, Founder, Impact Hub Stockholm

17:20 **Winners of the #hack4water Brazil present their solutions**

João Vitor Caires, Impact Hub São Paulo and winners of #hack4water

17:50 **Fish bowl - Pros and cons of hackathons in the water sector**

João Vitor Caires, Impact Hub São Paulo
Nick Beglinger, Cleantech 21
SIWI (tbc)
Norrskén Foundation (tbc)

19:00 **Drinks on the rooftop of Impact Hub Stockholm**

World Water Week Code of Conduct

Each year, World Water Week brings together over 3000 people, from over 100 countries - all united by their passion to build a water wise world.

To help all participants make the most of the Week, SIWI is committed to providing a friendly, safe and inclusive environment for all, regardless of age, gender, sexual orientation, race, language, political or other opinion, national or social origin, disability, income level, religion or other status.

This code of conduct outlines SIWI's expectations for participant behaviour at the Week – both in person and online, and the consequences for unacceptable behaviour.

We invite all participants, including volunteers, speakers, staff, media, exhibitors, and partners to help us realize a safe and inclusive experience for everyone.

Expected behaviour

- Be considerate, respectful, and collaborative.
- Refrain from demeaning, discriminatory or harassing behaviour and speech.
- Be mindful of your surroundings and of your fellow participants. Alert staff if you notice a dangerous situation or someone in distress.

Unacceptable behaviour

Examples of unacceptable behaviour include: intimidating, harassing, abusive, discriminatory, derogatory or demeaning conduct. Harassment of all kinds are unacceptable such as (but not limited to): offensive verbal comments related to gender, age, sexual orientation, disability, physical appearance, race, religion, deliberate intimidation, stalking, following, harassing photography or recording, sustained disruption of talks or other events, inappropriate physical contact, and unwelcome sexual attention.

Some venues are open to members of the public; please be respectful to all visitors of these locations.

Consequences of unacceptable behaviour

Unacceptable behaviour will not be tolerated whether by participants, media, speakers, volunteers, venue staff, partners, or exhibitors.

Anyone asked to stop unacceptable behaviour is expected to comply immediately.

If a participant engages in unacceptable behaviour, the conference organizers may take any action they deem appropriate, up to and including expulsion from the conference without warning or refund.

What to do if you witness or are subject to unacceptable behaviour

If you are subject to unacceptable behaviour, notice that someone else is being subjected to unacceptable behaviour, or have any other concerns, please notify a member of staff as soon as possible. All reports will remain completely confidential.

Staff can be found in the World Water Week Secretariat onsite or you may email the contact below.

Contact information

Gabriela Suhoschi

Director, World Water Week & Prizes

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Email: gabriela.suhoschi@siwi.org



Useful information

Organizers

World Water Week is hosted and organized by the Stockholm International Water Institute (SIWI). The Professional Conference Organizer (PCO) is MCI AB.

Venue

In 2018, the Week will be held in the heart of Stockholm at Stockholm City Conference Centre.

Certain activities, such as the Stockholm Water Prize Award Ceremony and Royal Banquet, various social events and field visits, take place at other sites in Stockholm. These are indicated in this announcement.

The venue address is:

City Conference Centre
Drottninggatan 71b
or Barnhusgatan 12–14,
Stockholm, Sweden

Phone: +46 8-506 16 400
or + 46 8-506 16 500

Please visit Stockholm City Conference Centre for more information on the conference venue.

Language

The official language of the Week is English. This includes all presentations and printed material. Simultaneous interpretation is available in limited sessions.

Room capacity and fire regulations

Room capacity is regulated by the number of chairs. No standing persons are allowed in a session due to fire and security regulations. An exception applies to flexi room sessions, where standing space has been made available. However, flexi rooms have a maximum capacity which may not be surpassed. Make sure that you are on time for your specific event as capacity is limited. Once rooms reach full capacity, additional people will only be allowed entry on a “one in, one out” basis.

Websites

For information about the Week, visit www.worldwaterweek.org. For information about SIWI and our team, visit www.siw.org.

Wireless connection

WiFi will be accessible without charge and login information will be available at the venue.

Coffee and lunch

Coffee and lunch will be served every day in both venue buildings. Exact locations and times can be found on the venue map. For coffee outside of the listed serving times, participants are welcome to purchase coffee at the Markelius Café in Folkets Hus and the pop-up café outside the Marble Vault in Norra Latin.

World Water Week secretariat

Located on the bottom floor on Folkets Hus in the foyer of Dansens Hus.

Towards a more sustainable Week

SIWI is constantly striving towards making the Week more environmentally sustainable, and strongly encourages all participants to keep their personal environmental impact during the conference to a minimum. A number of initiatives are in place to promote an environmentally sustainable meeting:

- Eco-labeled hotels
- Fair-trade and organically produced food and drinks throughout the week
- Recycling at the conference venue
- Carbon offsetting opportunities
- Striving towards a paperless conference

As part of our journey to becoming paperless, we will not be printing the official programme this year. Instead, PDF versions of the programme have been produced – both the complete programme, and one for each day, so that participants can decide if, and how much of the programme they wish to print. The entire programme will also be available offline through the World Water Week app, and a mini programme is available at the venue for quick reference.

Press kit

Accreditation – World Water Week

Press accreditation is available on-site throughout the week (a valid press pass or proof of employment as a journalist is required). [Online accreditation](#) is open until Friday 24 August.

Accreditation – Prize ceremonies

Journalists wishing to attend the Stockholm Water Prize or Stockholm Junior Water Prize ceremonies will need additional accreditation. It is not included in general press accreditation for the Week and must be completed in advance of the ceremonies. A valid press pass or proof of employment as a journalist is required. Please view full details about additional accreditation [here](#).

Press Room

The Press Room will be open from 08:00 to 18:30 daily (14:00 on Friday). It is located on the 5th floor in rooms 501-504, in Folkets Hus (entrance to the left of the main auditorium). View the venue map for details on page 12.

Online Press Room

All information and resources for press is available in the [World Water Week online press room](#) (www.worldwaterweek.org/pressroom), including information about press events, links to digital content, press releases, expert lists, contact details, and logistical information.

Interview bookings

The SIWI communications team will be on-hand to provide assistance with interview requests from accredited journalists. A list of convenor experts available for interview, with contact information, is available in the [online press room](#).

Press briefings

Press briefings will take place in the Press Room. [Click here](#) for the latest information on press events, including briefings and launches. A printed list of daily press events will also be available in the Press Room.

Press releases

In addition to being posted in the [online press room](#), links to convenor press releases will be issued daily via the media newsletter.

Press events

Making Groundwater Crises Visible

How do we respond to a crisis that is so hard to see?

Participate in Circle of Blue's Interactive broadcast from anywhere in the world.

On August 28, Circle of Blue continues its H2O Catalyst series. This broadcast explores the world's groundwater crises. Join global experts and journalists in virtual breakout groups to discuss pollution and scarcity challenges that are disrupting the lives of millions.

Presentations

PowerPoints from World Water Week sessions will be uploaded to their respective page in the Online Programme - usually within 24 hours of the session's conclusion.

Photos

All photos from the Week will be available on [Flickr](#).

Videos

All video material from the Week will be available in downloadable, broadcast quality to [SIWI's Vimeo](#) account, including plenaries, Sofas, and prize ceremonies. Typically uploaded within 24 hours of the event, they are available on mobile devices and can be easily embedded or shared through social media.

Livestreams and on-demand

Over 30 sessions will be filmed or recorded during World Water Week. Some will be livestreamed, and all will be available on-demand through [SIWI's Vimeo](#) channel within 24 hours of their conclusion. Visit the [online press room](#) for a list of livestreamed and on-demand events.

Websites

Visit [World Water Week](#) for more information about the Week or to download a pdf version of the programme. For information about SIWI and our team, visit www.siwi.org

On-site resources

A small number of computer work stations are available in the Press Room for journalists.

Note: printing services are not available.

2018 World Water Week team

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Speakers room staff

**Erik Fruedental**

Speakers Room

**Belle Strid**

Convening organizations

While World Water Week is organized by SIWI, the programme of the sessions are planned by the convening organizations.

In order to build partnerships and bring a diversity of perspectives to the Week, SIWI promotes cooperation and encourages organizations to convene at the conference. The organizations convening sessions at World Water Week 2018 are:

Acronym	Convenor
100 RC	100 Resilient Cities
	11th Hour Racing
2030 WRG	2030 Water Resources Group
	8th World Water Forum Secretariat
	9th World Water Forum organizing committee - Senegal
A4A	Aqua for All
	ACTIAM
ADB	Asian Development Bank
	adelphi
AFD	Agence Française de Développement
AfDB	African Development Bank
	Africa AHEAD
	AfricaSan International Task Force
AfWA	African Water Association
	AGIRE
	Agua de Quito
AGWA	Alliance for Global Water Adaptation
AGWC	African Groundwater Commission
AIPH	Asian Institute of Public Health
	Aither Pty Ltd
Akvo	Akvo Foundation
	Ambiotek
AMCOW	African Ministers' Council On Water
	Amref Flying Doctors
	Amref Health Africa
ANEW	African Civil Society Network on Water and Sanitation
APHRC	African Population and Health Research Center
APWF	Asia Pacific Water Forum
	Aquaya
	ARCOS Network
	ARCOWA
	Arts and Culture Council of Lagos
	Arup
	Australian Department of Foreign Affairs and Trade
AWP	Australian Water Partnership
AWS	Alliance for Water Stewardship
BGR	Federal Institute for Geosciences and Natural Resources, Germany
	Bioteria Technologies AB
	Blue Deal consortia
	Bluewater Group
BMZ	Federal Ministry for Economic Cooperation and Development, Germany
BORDA	Bremen Overseas Research and Development Association
	Bureau of Reclamation
CABRI	Collaborative Africa Budget Reform Initiative
CAF	CAF - Development Bank of Latin America
	Cap-Net UNDP
CAREC	The Regional Environmental Centre for Central Asia
	Caritas Switzerland
CAWR	Center for Advanced Water Research
CAWST	Centre for Affordable Water and Sanitation Technology
CBSA	Container Based Sanitation Alliance
	CEPT University India

Convening organizations (continued)

Acronym	Convenor
	cewas
CGAP	Consultative Group to Assist the Poor
CGIAR-A4NH	CGIAR Research Program on Agriculture for Nutrition and Health
CGIAR-FTA	CGIAR Research Program on Forests, Trees and Agroforestry
CGIAR-WLE	CGIAR Research Program on Water, Land and Ecosystems
	China Water Risk
CI	Conservation International
CIDRZ	Centre for Infectious Disease Research in Zambia
CIRAD	CIRAD - French Agricultural Research Centre for International Development
	Circle of Blue
	City of Stockholm
	City of Stockholm
	CITYTAPS
	Civil Society WASH Fund Management Facility
	Clean Team Ghana
	ClimateIsWater Initiative
	Climate-KIC
CMI	Centre for Mediteranean Integration
	Coalition Eau
CONAGUA	National Water Commission, Mexico
	Connected Dreams
	Conrad N. Hilton Foundation
	Consiglio Nazionale delle Ricerche
	CRC-Water Sensitive Cities
CRIDF	Climate Resilient Infrastructure Development Facility
CSD	CSD Engineers
CWSC	The Center for Water Security and Cooperation
	Daegu Metropolitan City
	Dalberg Global Development Advisors
	Danone
	Danone.Communities
	DEG -Deutsche Investitions- und Entwicklungsgesellschaft mbH
	Delta Alliance
	Deltares
	Department of Science and Technology, South Africa
DFID	Department of International Development UK
DGIS	Directorate-General for International Cooperation, The Netherlands
DHI	DHI Group
	Diageo
	Direction Générale de L'Eau Genève
DWFI	Daugherty Water for Food Institute
	Robert B. Daugherty Water for Food Global Institute at the University of Nebraska
DWS	Department of Water and Sanitation South Africa
	Earthwatch
	Eawag
EC	European Commission
	Ecolab
EIB	European Investment Bank
	Electrolux
ELI	Environmental Law Institute
	Emory University
	EMVIS
	Ente Acque della Sardegna
	Environmental Resources Management
	EOMAP
	e-Pact

Convening organizations (continued)

Acronym	Convenor
ESA	Ericsson European Space Agency European Commission Directorate General for Humanitarian Aid and Civil Protection EUROPEAN DYNAMICS
EWPP	End Water Poverty EY
FAO	Food and Agriculture Organization of the United Nations
FDFA	Federal Department of Foreign Affairs, Switzerland Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany
FEMSA	Water Center for Latin America and the Caribbean FEMSA Foundation Focali Forest Trends Fundación Avina Future Earth Coasts
FWP	French Water Partnership GAP Inc.
Gates Foundation	Bill & Melinda Gates Foundation Gavagai
GEF	Global Environment Facility
GEF-IW:Learn	Global Environment Facility - International Waters: Learning Exchange and Resource Network Geneva Water Hub
GEO	Group on Earth Observations German Federal Foreign Office
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit Global Centre of Excellence on Climate Adaptation Global Citizen Global Resilience Partnership Global WASH Cluster Global Water Challenge Gothenburg University Government of Chad Government of Ethiopia Government of Gambia Ministry of Health Government of Kenya Government of Malawi Government of Scotland Government of Senegal Government of the Netherlands Great Lakes University of Kisumu Greenbaum Foundation Greenview GRET
GSMA	GSM Association
GTFCC	Global Task Force on Cholera Control
GWOPA	Global Water Operators' Partnerships Alliance at UN-Habitat
GWP	Global Water Partnership
GWP-Med	Global Water Partnership - Mediterranean
GWRC	Global Water Research Coalition Hacksta Farm Hamburg Wasser/CAH
HELP	High-level Experts and Leaders Panel on Water and Disasters
HELVETAS	HELVETAS Swiss Intercooperation HSBC ICATALIST
ICBA	International Center for Biosaline Agriculture

Convening organizations (continued)

Acronym	Convenor
ICMM	International Council on Mining and Metals
ICRC	International Committee of the Red Cross
IDB	Inter-American Development Bank
iDE	International Development Enterprises
IDMP	WMO/GWP Integrated Drought Management Programme
IFAD	International Fund for Agricultural Development
IFC	International Finance Corporation
IFPRI	International Food Policy Research Institute
IGB	Leibniz Institute of Freshwater Ecology and Inland Fisheries
IGES	Institute for Global Environmental Strategies
IGRAC	International Groundwater Resources Assessment Centre
	IHE Delft
IIASA	International Institute for Applied Systems Analysis
IISD	International Institute for Sustainable Development
	Illovo sugar
ILO	International Labour Organization
	Imagine H2O
	Imarika SACCO
	Impact Hub Sao Paulo
	Impact Hub Stockholm
	Innovations for Poverty Action
INR	Institute of Natural Resources NPC
	Intel Corporation
	International Centre for Diarrhoeal Disease Research, Bangladesh
	International Society of Groundwater for Sustainable Development
IOM	International Organization for Migration
	IRC
IRENA	International Renewable Energy Agency
	IRIDRA
	i-San Associates
ITP	International Tourism Partnership
IUCN	International Union for Conservation of Nature
IUFRO	International Union for Forest Research Organization
	IVL Swedish Environmental Research Institute
IWA	International Water Association
IWASP	International Water Stewardship Program
IWC	International Water Centre
IWMI	International Water Management Institute
IWRA	International Water Resources Association
	Jibu
	K Group
KEWASNET	Kenya Water and Sanitation Civil Societies Network
	KfW Development Bank
KIFFWA	Kenya Innovative Financing Facility for Water
	King's College London
	KTH Royal Institute of Technology
K-water	Korea Water Resources Corporation
	L'Oréal
	Lisbon Water Center
	Loowatt
LSHTM	London School of Hygiene and Tropical Medicine
	Luc Hoffman Institute - WWF
	Lusaka Water and Sewerage Company
	Mars Inc.
	Massachusetts Institute of Technology Sloan Sustainability Initiative
	McGill University

Convening organizations (continued)

Acronym	Convenor
	Ministry for Water and Irrigation in Jordan
	Ministry of Agriculture and Forestry, Finland
	Ministry of Foreign Affairs and International Development, France
	Ministry of Foreign Affairs, The Netherlands
	Ministry of Health Kenya
	Ministry of Infrastructure and the Environment of the Netherlands
	Ministry of Infrastructure and Water Management, the Netherlands
	Ministry of Interior, Hungary
	Ministry of Water and Environment, Water Resources Planning and Regulation, Uganda
	Ministry of Water resources and Irrigation of Egypt
MITU	Mwanza Intervention Trials Unit
MRC	Mekong River Commission
	Multiconsult Norway
MWA	Millennium Water Alliance
	mWater
NAIAD	Nature Insurance value: Assessment and Demonstration Project Consortium
	Nairobi City Water and Sewerage Company
	Nairobi County Government
NASA	National Aeronautics and Space Administration
	National and Kapodistrian University of Athens
	National Drought Mitigation Center
	National Great Rivers Research and Education Center
	Natural Capital Project
NBI	Nile Basin Initiative Secretariat
NCA	Norwegian Church Aid
	Nestlé
	Nestlé Waters
	Nordea
	Novartis International A.G.
NSO	Netherlands Space Office
OAK S.A.	Organization for the Development of Crete S.A.
ODI	Overseas Development Institute
	Odling i Balans
OECD	Organisation for Economic Cooperation and Development
	Office of the President of Hungary
	Office of the UNSG's Special Envoy for Disaster Risk Reduction and Water
OHCHR	Office of the United Nations High Commissioner for Human Rights
OKACOM	The Permanent Okavango River Basin Water Commission
	Olam
	OneWorld Sustainable Investments
	Open Government Partnership
	Oregon State University
P&G	Procter & Gamble Company
	Pacific Institute
	Palladium
	PBL Netherlands Environmental Assessment Agency
	Pegasys
	Pennsylvania State University
	Pilot Program for Climate Resilience
	Plan International Sweden
pS-Eau	Programme Solidarité Eau
PSI	Planetary Security Initiative
	Quantis
	Quito Water Protection Fund
	Ramboll Water
	Ramsar Convention on Wetlands

Convening organizations (continued)

Acronym	Convenor
	Rare
	Recipharm AB
	Richard Carter and Associates Ltd
	Rights and Resources Initiative
RIVM	Dutch National Institute for Public Health and the Environment
RTI	RTI International
S2S Platform	Action Platform for Source to Sea Management
	Safe Water Network
	Sandec at Eawag
	Sanergy
	Sanivation
	Save the Children
SAWRP	South Asia WASH Results Programme
	SCS Global Services
SDC	Swiss Agency for Development and Cooperation
SEI	Stockholm Environment Institute
	SIAAP
SIANI	Swedish International Agricultural Network Initiative
Sida	Swedish International Development Cooperation Agency
	Sidian Bank
	Simavi
SIPRI	Stockholm International Peace Research Institute
SISD	Swedish Investors for Sustainable Development
SIWI	Stockholm International Water Institute
SIWI-SWH	SIWI Swedish Water House
SLSD	Swedish Leadership for Sustainable Development
	SLU Global
SMHI	Swedish Meteorological and Hydrological Institute
	SNV
	Social Finance
	SOIL
	South African Department of Environmental Affairs
	South African National Biodiversity Institute
	South Pole Group
	Spadel
SRC	Stockholm Resilience Centre
	SRM University
SSN	SouthSouthNorth
	Stanford University
	Statistics Netherlands
	Stockholm University
	Stone Family Foundation
	Storebrand
SuSanA	Sustainable Sanitation Alliance
SWA	Sanitation and Water for All
SwAM	Swedish Agency for Marine and Water Management
	Swedish Forestry Agency
	Swedish Institute Alexandria
	Swedish University of Agricultural Sciences
	SWIFT (led by OXFAM)
	Swiss Federal Office for the Environment
	Swiss NGO DRR Platform
	Swiss Red Cross
	Swiss Water and Sanitation Consortium
	Swiss Water Partnership

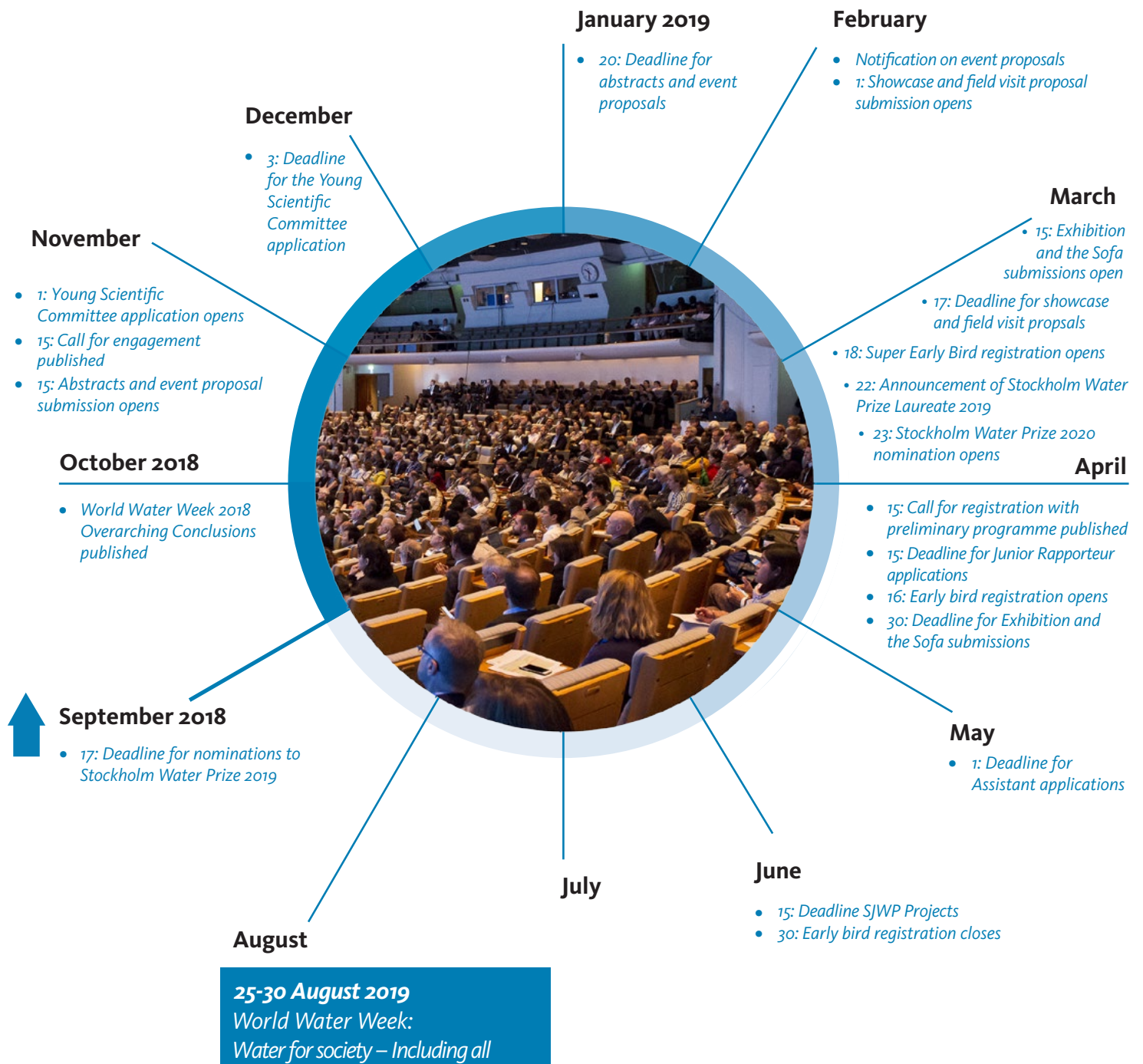
Convening organizations (continued)

Acronym	Convenor
TBC	Take-a-Stake Fund
	Toilet Board Coalition
	Tecnológico de Monterrey
	Terre des Hommes
	Tetra Tech
	Texas A&M University
	The Bridge Collaborative
	The Church of Sweden
	The Coca-Cola Company
	The German WASH Network
	The Johns Hopkins Bloomberg School of Public Health
	The Resilience Shift
	The Rockefeller Foundation
	The World Council of Churches
TNC	The Nature Conservancy
UN DESA	United Nations Department of Economic and Social Affairs
	UN Foundation
UNDP	United Nations Development Programme
UNECE	United Nations Economic Commission for Europe
UNEP	UN Environment
	UNEP-DHI Partnership
UNEP-WCMC	UN Environment World Conservation Monitoring Centre
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNESCO-IHP	UNESCO International Hydrological Programme
	UNGC CEO Water Mandate
UNHCR	United Nations High Commissioner for Refugees
UNICEF	United Nations Children's Fund
	Unilever
UNISDR	United Nations Office for Disaster Risk Reduction
	United Purpose
	United States Department of State
	University College London
	University of Birmingham
	University of Cranfield
	University of East Anglia
	University of Exeter - European Centre for Environment and Human Health
	University of Geneva
	University of Hull International Fisheries Institute
	University of Leeds
	University of Malawi
	University of Melbourne
	University of Nebraska Lincoln
	University of Nevada Reno
	University of Oregon
	University of Oxford
	University of Strathclyde
	University of Technology Sydney
	University of Twente
UNOSD	United Nations Office for Sustainable Development
UNSD	United Nations Statistics Division
	Untapped
UNU-FLORES	United Nations University - Institute for Integrated Management of Material Fluxes and of Resources
UNU-INWEH	United Nations University-Institute for Water, Environment and Health
	UN-Water
	Upande Ltd.

Convening organizations (continued)

Acronym	Convenor
	Urban Waters Hub (GWP/HABITAT)
	URiversity
	US Forest Service
USAID	United States Agency for International Development
USDA	US Department of Agriculture
USGS	United States Geological Survey
USWP	US Water Partnership
	Valuing Nature
VCA	Viva con Agua
	Veolia
	VIA Water
	Vitens Evides International
	Vrije Universiteit Amsterdam
WADA	Water and Development Alliance
	Wageningen University & Research
	WANA Institute
WASAG	Global Framework on Water Scarcity in Agriculture
WASREB	Water Services Regulatory Board Kenya
	WASTE
	Water Authority, Jordan
	Water For People
	Water Future
	Water Services Trust Fund
	Water.org
	Water4
	WaterAid
	WaterLex
	WaterWorX
WAVES	World Bank: Wealth Accounting and the Valuation of Ecosystem Services
WBCSD	World Business Council for Sustainable Development
WECF	Women Engage for a Common Future
	Wetlands International
WfWP	Women for Water Partnership
WGF	UNDP-SIWI Water Governance Facility
WHO	World Health Organization
WIN	Water Integrity Network
	Winrock International
WMO	World Meteorological Organization
WOC	World Ocean Council
World Bank	The World Bank Group
	World Fish Migration Foundation
WRC	Water Research Commission
WRI	World Resources Institute
	WSP
WSSCC	Water Supply and Sanitation Collaborative Council
WSUP	Water and Sanitation for the Urban Poor
WWAP	UNESCO World Water Assessment Programme
WWC	World Water Council
WWF	World Wide Fund for Nature
WWF	World Wildlife Fund
WWT	Wildfowl and Wetlands Trust
WYN	Water Youth Network
	x-runner
	Xylem
	ZDHC

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