



World Water Week | Programme

Water, ecosystems and human development

26–31 August 2018

Welcome to Stockholm!

Photo: Thomas Henrikson



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.

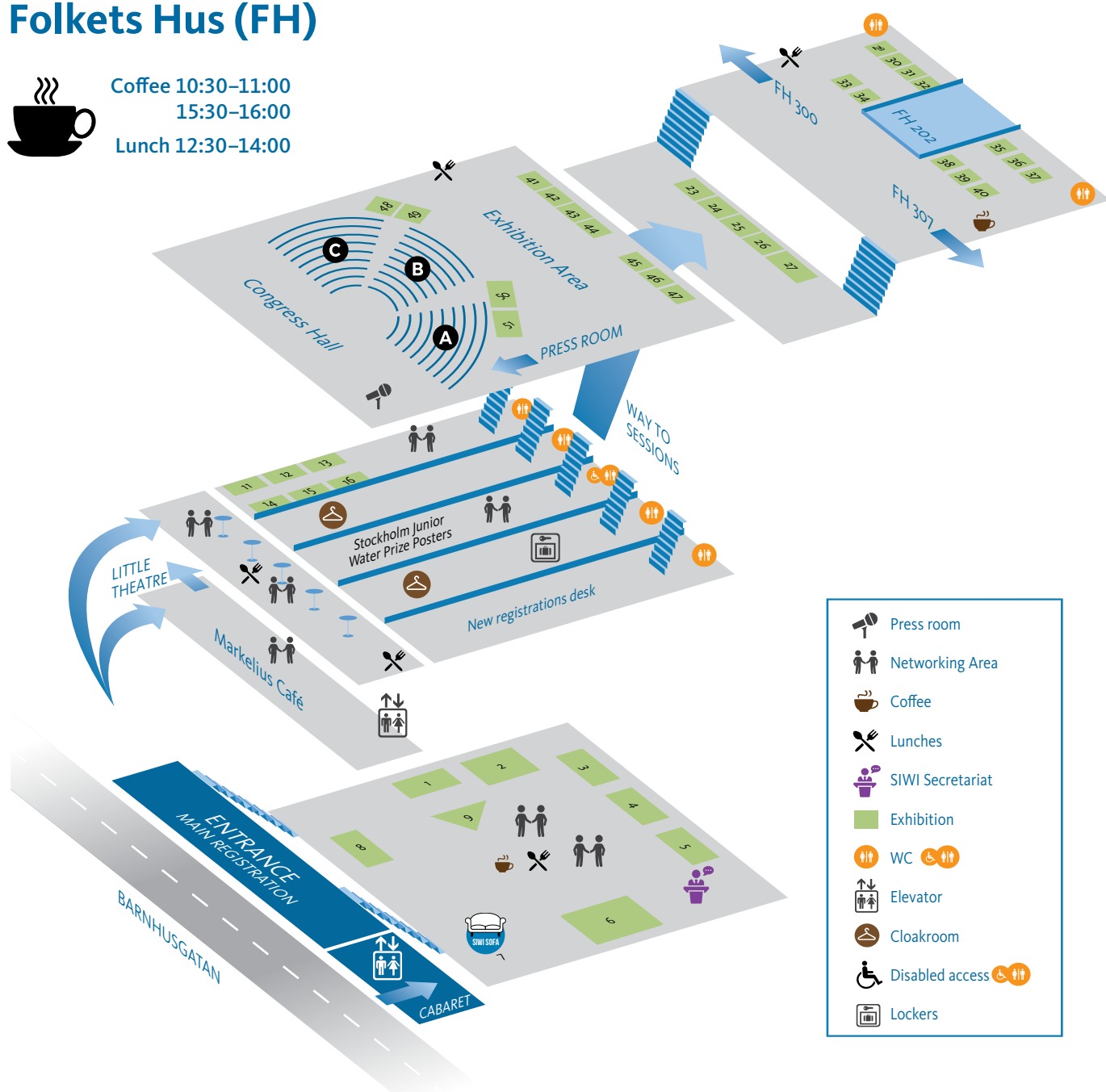
Folkets Hus (FH)



Coffee 10:30–11:00

15:30–16:00

Lunch 12:30–14:00



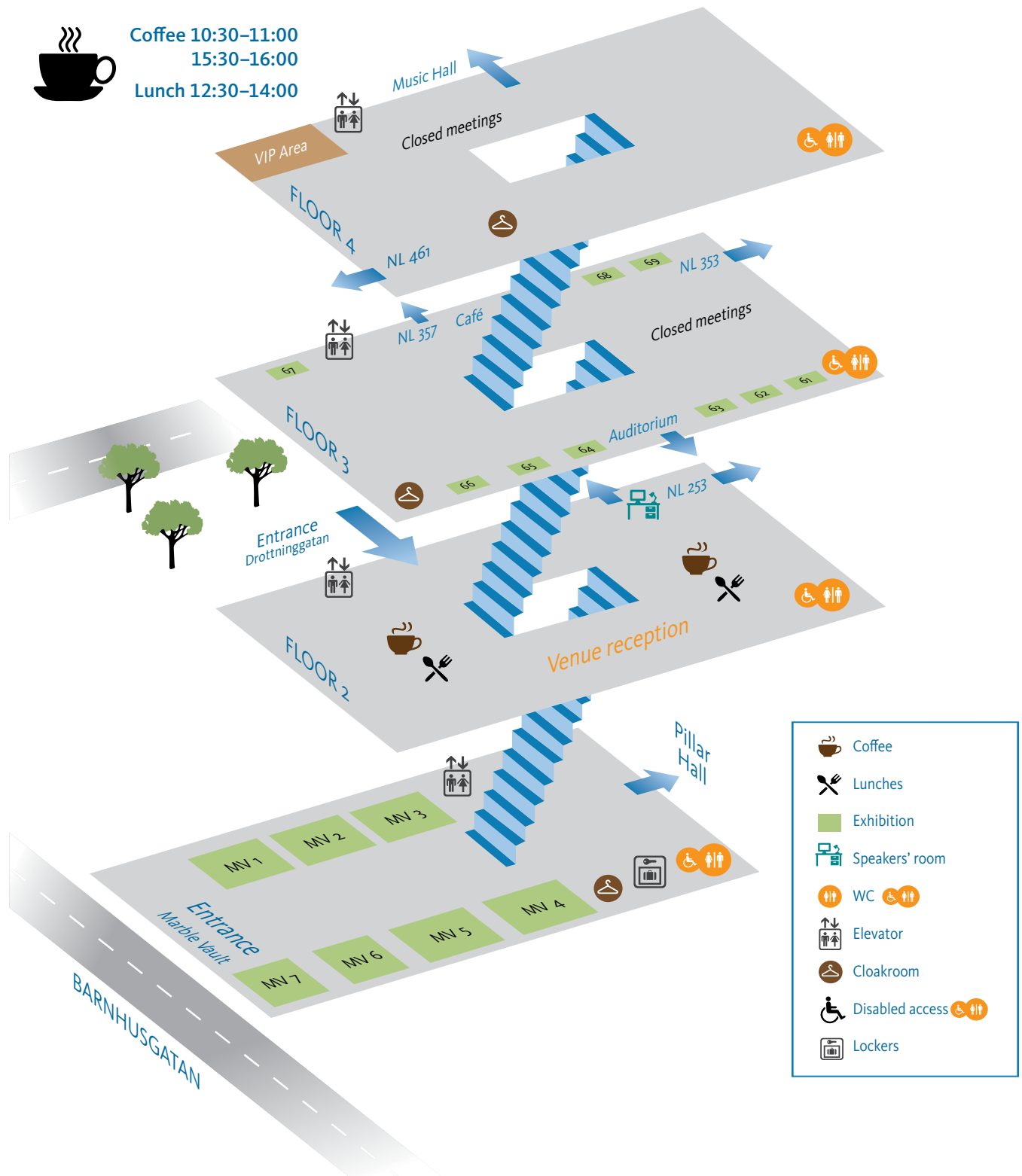
Exhibiting Organizations

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



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 AFRlpads 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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Tuesday | 28 August



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



AFRICA FOCUS | Groundwater governance and institutional management

Room: NL Auditorium

Convenors: AUC and AMCOW

Effective groundwater and institutional management systems are necessary for improving Africa's groundwater resources. The session will identify some of the challenges of effective groundwater management in Africa and showcase some best practices within the continent.

Event

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|--|---|
| <p>09:00 Opening remarks
H.E Isack Kamwelwe, President, AMCOW</p> <p>09:10 Status of groundwater governance in Africa
Shafick Adams, WRC</p> <p>09:35 Which governance mechanism does Africa need for effective development of its groundwater?
Dr Callist Tindimugaya, Commissioner, Directorate of Water Resources, Uganda</p> | <p>10:00 Discussions</p> <p>10:20 Closing remarks by AMCOW President</p> <p>10:30 End of session</p> |
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Beyond the finish line, from coverage to sustainable sanitation services



Room: NL Music Hall

Convenors: DFAT, DFID, Emory University, SNV, University of Nevada Reno, University of Technology Sydney and USAID

Increasing rural sanitation coverage is an imperative, but we must look beyond the "Finish Line". What are the human and environmental implications of rural sanitation coverage at scale? How do we sustain access and, ensure ecosystem health and water resources carrying capacity? What more must be done to drive sustainability?

Event

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|--|--|---|
| <p>09:00 Welcome</p> <p>09:05 Situating "sustainability" of rural sanitation and hygiene in the changing rural context
Dr Guy Howard, DFID</p> <p>09:20 Patterns of progress in rural sanitation and hygiene
Dr Josh Garn, University of Nevada Reno</p> <p>09:35 Country case tables</p> <ul style="list-style-type: none"> Cambodia: Market-based sanitation and a persistent last mile
Rishi Agarwal, FSG and Gabrielle Halcrow, SNV | <ul style="list-style-type: none"> Indonesia: Strategies towards safely managed sanitation
Gerard Cheong, DFAT and Freya Mills, Institute for Sustainable Futures UTS and Government representative (tbc) Kenya: Sanitation as a devolved function
Kenya district government official (tbc) and Fanuel Nyaboro, SNV Tanzania: Quality of services
Stephen Kiberiti, Ministry of Health, Community Development, Gender, Elderly and Children, Tanzania and Jackson Wandera, SNV | <p>10:05 The emerging rural sanitation agenda beyond the finish line (debate)
Stephen Kiberiti, Ministry of Health, Community Development, Gender, Elderly and Children, Tanzania
Dr Guy Howard, DFID
Gerard Cheong, DFAT
Rishi Agarwal, FSG
Anne Mutta, SNV</p> <p>10:25 Digital closing words</p> <p>10:30 End of session</p> |
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Changing minds on drought management: The economic case



Room: FH 202

Convenors: GWP, World Bank, WMO and WMO/GWP Integrated Drought Management Programme

Over 30 organizations attempt to answer the question why the shift from crisis to risk management is happening so slowly in drought management and how to change this through smart economic and policy strategies. A rich set of experiences to provide answers and seek new insights will be showcased.

Event

09:00 Setting the stage: Findings from the IDMP work stream on the benefits of actions and costs of inaction and main challenges for proactive drought risk management Frederik Pischke , GWP and World Bank representative	09:30 Interactive discussion <i>Message 1: Assessment of the benefits of action and the impacts to be avoided needs to be prepared proactively, so that it can be used to propose solutions when a window of opportunity opens</i>	10:05 A step wise approach and the economic case to drought planning in Central and Eastern Europe Sabina Bokal , GWP
09:10 Responding to the challenges: Introducing the integrated drought management help desk Robert Stefanski , WMO	09:45 Agricultural water management for drought risk management in Honduras Fabiola Táborá , GWP	10:10 Interactive discussion on message 3 <i>Message 3: Phased and integrated strategies and methodologies for drought risk management can be used to help organizing the necessary assessments of the costs and the benefits that each step entails</i>
09:20 Session objectives and structure	09:50 Interactive discussion on message 2 <i>Message 2: Strengthening the evidence base, showing examples and raising awareness on social and economic co-benefits of Drought Risk Management can be decisive to promote Drought Risk Management interventions</i>	10:20 Discussion feedback on next steps and on ways to expand the evidence base
09:25 Drought policy change: The Mexican case Mario López Pérez , Mexican Water Technology Institute		10:30 End of session

Creating peace through the water-energy-food and security nexus perspective



Room: NL Pillar Hall

Convenors: adelphi, GEF, German Federal Foreign Office and GIZ

This event discusses how the Water-Energy-Food and Security Nexus perspective can reduce competition over water, land, and energy resources. Specifically, it examines what generates conflict over resources on a local level and how the Nexus perspective helps to reconcile the interests of farmers, fishers, pastoralists, and dam operators.

Event

09:00 Welcome remarks: Water management as a challenge for diplomacy Rolf Welberts , Special Envoy for the Nile, Federal Foreign Office, Germany	09:20 Roundtable Discussions <ul style="list-style-type: none">Roundtable I: Water resources and food insecurity – what are typical pathways of fueling and mitigating or overcoming conflict? Julia Dreher, Federal Foreign Office, GermanyRoundtable II: Water resources and energy insecurity – what are typical pathways of fueling and mitigating or overcoming conflict? Astrid Hillers, GEFRoundtable III: Water resources and ecosystem services – what are typical pathways of fueling and mitigating or overcoming conflict? Eben Chonguica, OKACOM	• Roundtable IV: Water resources and water scarcity – what are typical pathways of fueling and mitigating or overcoming conflict?
09:05 Keynote I: Water resources challenges as a global security challenge – Perspectives from the security community Martina Klimes , SIWI		10:10 Reporting back and reflections: The way ahead – Overcoming security challenges through managing water, energy and food security in an integrated manner Benjamin Pohl , adelphi and Susanne Schmeier , IHE Delft
09:10 Keynote II: Water resources management as a response to global security challenges Charles Iceland , WRI		10:25 Closing remarks Astrid Hillers , GEF
		10:30 End of session

Health and well-being through effective blue-green space design and governance



Room: FH
Little Theatre

Convenors: Deltares, Dutch National Institute for Public Health and the Environment, EC, SNV and University of Exeter

An interactive and dynamic session on the latest findings of several Horizon 2020 related to human health and the blue-green and coastal environment. Approaches and lessons learned from these projects will be presented. Policymakers (panel) and session participants are invited to discuss potential synergies and applicability in their own experience.

Event

Part I Presentation of work

09:00 **Opening by facilitator**
Lieke Friederichs, RIVM

09:05 Presentations

- Bluehealth/Inherit/SOPHIE synergies (BlueHealth)
Jo Garrett, University of Exeter
- Blue and Green Health through Virtual Reality (BlueHealth)
Mare Löhmus, Karolinska Institutet
- Innovative health solutions for coastal areas (S.O.P.H.I.E.)
Eline Boelee, Deltares

- Water quality check for innovative and sustainable water features
Lucie Vermeulen, RIVM
- Interventions and blue-green infrastructure (INHERIT)
Hanneke Kruize, RIVM
- Policy scenarios for a healthy environments (Bluehealth, Sustainable Development Goals 2030)
Lieke Friederichs, RIVM

Part II Policy panel and mentimeter propositions

09:50 **Policy panel**
Ann Uustalu, EC
Daniel Truneh, SNV

10:30 **End of session**

Integrating 'grey and green' for water security in South Africa



Room: FH
Cabaret

Convenors: Department of Science and Technology, South Africa, South African Department of Environmental Affairs, South African National Biodiversity Institute and WRC

Large scale ecosystem restoration & maintenance is vital for water security. In order to share lessons relevant for global practice, we will reflect on South Africa's learning relating to environmental public employment programmes, communities of practice, and resourcing mechanisms for water-linked ecosystem restoration.

Showcase

09:00 **Welcome and orientation**
Shanna Nienaber, WRC/
Department of Science and
Technology

Pitching session to introduce learning relating to long-term roll out of environmental public works employment programmes, resourcing mechanisms and positioning of 'grey and green' solutions as a holistic water security approach

Presenters will share views from the multi-organisational landscape that is part of addressing grey-green water management in South Africa, including:

- WRC and Department of Science and Technology
- South African National Biodiversity Institute and Department of Environmental Affairs
- Department of Water Affairs
- Science organisations

09:45 **World Café**

The purpose of this activity is to distill lessons relevant for global learning and practice. World Café conversations will be facilitated unpacking learning related to:

- Resourcing of water-related ecosystem activities
- Mechanisms for facilitating knowledge transfer and action in relation to water and ecosystem decision-making
- Understanding models of how to approach large scale ecosystem restoration activities

10:30 **End of session**

Is there such thing as innovative financing for ecosystems management?



Room: FH 300

Convenors: AfDB, IDB, SIWI and TNC

This session will focus on the enabling conditions for investments in ecosystems management, including regulatory, legal and voluntary mechanisms. After an initial discussion on the current financing landscape, examples from around the world will be presented and discussed through a moderated panel, including an open discussion with the participants.

Seminar

Session 1 of 3: Enabling conditions for implementing ecosystems management

09:00 **Welcome by moderator**
Andrea Erickson, TNC

09:05 **Setting the scene for ecosystems management**
Giulio Boccaletti, TNC

09:15 **Strengthening enabling conditions for innovative financing for water-related ecosystems**
Kathleen Dominique, OECD

09:25 **Introduction to case studies**
Andrea Erickson, TNC

09:30 **Case study #1: Establishing an Eco-Compensation Fund in the Chishui River watershed, PRC**
Au Shion Yee, ADB

09:40 **Case Study #2: Tariff reform for green infrastructure in Peru**
Ivan Lucich, Forest Trends

09:50 **Case Study #3**
Presenter (tbc)

10:00 **Moderator panel discussion with case study presenters**
Erickson, Andrea, TNC

10:20 **Wrap up**

10:30 **End of session**

IWRM and ecosystem based approaches: Complementary, duplicating or competing?



Room: NL 357

Convenors: S2S Platform, GEF-IW:LEARN, GWP, National and Kapodistrian University of Athens and SIWI

This seminar will discuss the ecosystem dimension of IWRM. What are the conflicts and complementarities between IWRM and ecosystem based approaches? What mechanisms and incentives exist to overcome sectorial and geographic confines? How can the Agenda 2030 help integrate action of interlinked goals? We invite cases illustrating applications of these.

Seminar

Session 1 of 3: Setting the scene: Are IWRM and ecosystem based approach complementary, duplicating or competing?

09:00 **Introduction**
Moderator: Dr **Danka Thalmeinerova, GWP**
Rapporteur: **Yuji Enriquez**

09:05 **Keynote Speech: IWRM, ICZM, EBA, adaptation to climate change: Integrating the integrated**
Michael Scoullos, University of Athens

09:20 **IWRM and ecosystem, the gap between theory and application**
Luay Froukh, Jordan Water and Reuse Organization

09:30 **What happens when a river becomes a person?**
Erin O'Donnell, University of Melbourne

09:40 **Effective stakeholder participation in IWRM and ecosystems approach**
Kate Harawa, Water For People

09:50 **Audience reflections: Make your choice!**
Facilitator: Dr **Danka Thalmeinerova, GWP**

10:00 **Panel Q&A**

10:25 **Conclusions of session 1**

10:30 **End of session**

Launch of JMP 2018 global baseline on WASH in schools

Room: NL 353

Convenors: GIZ, Save the Children, SuSanA, WaterAid, WHO and UNICEF

This launch event for the WHO/UNICEF JMP 2018 global baseline report on WASH in Schools will convene key stakeholders to discuss the implications for policy and programming. Case study examples will illustrate ongoing efforts to enhance monitoring of WASH in Schools and to ensure that no child is left behind.

Showcase

09:00 Welcome Silvia Gaya , UNICEF	09:30 Q&A	10:25 Summary and wrap up Bruce Gordon , WHO
09:05 Highlights of JMP 2018 global baseline report on WASH in Schools Tom Slaymaker , WHO/UNICEF Joint Monitoring Programme Rick Johnston , WHO/UNICEF Joint Monitoring Programme and Christie Chatterley , WHO/ UNICEF Joint Monitoring Programme	09:40 Panel discussion of country case studies of WASH in Schools monitoring Abram Abanil , MoE, Philippines Bella Monze , GIZ Diala Ktaiche , UNICEF Mohini Venkatesh , Save the Children Therese Mahon , WaterAid, South Asia Administrative Staff, College of India	10:30 End of session

MENA FOCUS | Benefits for ecosystems and wetlands through the nexus



Room: FH 307

Convenors: GWP-Med and Wetlands International

Wetlands in the Mediterranean region provide invaluable ecosystem services, including resilience to climate change impacts, but remain highly vulnerable. The event will take stock of the needs, challenges, regional initiatives and best practices in the Med/MENA region regarding the sustainable management of wetlands, and ecosystems at large, through the water-food-energy-ecosystems.

Event

09:00 Welcoming remarks, context and outline of the session Vangelis Constantianos , GWP-Med Luís Costa , MAVA Foundation Union for the Mediterranean Secretariat (tbc)	09:25 Panel discussion Job Kleijn , Ministry of Foreign Affairs, the Netherlands, Focal Point, Water Affairs, MENA region Angela Klauschen , MedWet Kholoud Al-Ajarma , Lajee Center, Palestine, Programs Manager, Winner of Water Heroes Contest Ger Bergkamp , CEO, ARCOWA SDC (tbc)	10:10 Q&A 10:30 End of session
09:05 Keynote presentations Coastal wetlands: what investments for what services? Chris Baker , Wetlands International Sustainable management of wetlands in the MENA region through the Nexus approach Sarra Touzi , GWP-Med	Facilitators: Anthi Brouma , GWP-Med and Tassos Krommydas , GWP-Med	

Safeguarding water-related ecosystems in the Mara River and Tonle Sap (09:00–09:30)

Convenors: IUCN, mWater, SEI, Tetra Tech, UNGC CEO Water Mandate, Winrock International and WRI

The Mara River Basin (Kenya and Tanzania) and Tonle Sap Basin (Cambodia) are globally important regions of biodiversity that provide critical ecosystem services for human development and well-being. However, growing demand for water, food and energy in these two Basins driven by socioeconomic development and population pressure gives new urgency to the need for innovative approaches that build stakeholder collaboration to responsively plan and implement actions in the face of competing demands and future uncertainty.

In the Mara River, SWP is working with Kenyan and Tanzanian stakeholders to improve water decision-making by providing science, tools and capacity building, including

developing one of the first transboundary water allocation plans. In the Tonle Sap Basin, SWP is working with stakeholders in the Stung Chinit catchment to identify and prioritize key water security risks and implement measures that build resilience. In this Sofa Event, SWP staff and representatives of our key institutional partners, the Lake Victoria Basin Commission and Tonle Sap Authority, will describe the challenges and opportunities in the Mara River and Tonle Sap Basin, provide an overview of the approaches employed under the SWP Activities, and discuss accomplishments related to improving water security and meeting human development and ecosystem needs.

Sofa

UN World Water Development Report 2018 “Nature-based solutions for water”

Room: FH
Congress Hall A

Convenors: FAO, UNDP, UNEP, UNESCO-IHP, WWAP, UNU-INWEH and UN-Water

The 2018 edition of the UN World Water Development Report focuses on Nature-based solutions for water. The session will introduce the main findings of this UN-Water flagship publication and discuss with relevant contributors its policy messages and concrete applications to improve water security.

09:00 **Welcome and introductory remarks**
Stefan Uhlenbrook, WWAP

09:05 **Keynote speech**
Henk Ovink, Special Envoy for International Water Affairs at Kingdom of the Netherlands

09:15 **Panel: The potential of nature-based solution for water and sustainable development**
Moderator: **James Dalton**, IUCN
Olçay Ünver, FAO
Marianne Kjellen, UNDP
Elisabeth Bernhardt, UNEP
Sarantuyaa Zandaryaa, UNESCO IHP
Vladimir Smakhtin, UNU-INWEH

09:40 **A collection of case studies**
Engin Koncagül, WWAP

09:50 **Q&A**
Moderator: **James Dalton**, IUCN

10:20 **Closing remarks**

10:30 **End of session**

Showcase

Water management at Electrolux: What's the next step? (09:00–12:30)

Departure:
Entrance FH

Convenor: Electrolux

Electrolux is committed to control and reduce the use of water across all its factories globally, as well as to address the growing need to enhance the water efficiency of products. The visit will give you an overview of the current Electrolux water management approach and the challenges ahead. The field visit will be introduced and moderated by Johan L Kuylensstierna, Vice Chair, Swedish Climate Policy Council, and Adjunct Professor at Stockholm University.

Electrolux is a global leader in professional and household appliances, including washing machines and dishwashers. The Group's global water strategy will be presented during the visit, as well as methods and tools for water accounting and for assessing the water footprint of products.

In 2017, we responded to the CDP Water program for the first time achieving the A- rate.

Field visit

- Electrolux journey to set a context-based water strategy for its operations in 50 factories organized in two specific groups – Water Risk and Water Management factories – with targets on each group
- The Life Cycle Assessment (LCA) based approach to assess the water footprint of products and the environmental impacts of

freshwater consumption over the entire life cycle of a product (raw materials, the product assembly, the use and disposal phase)

- The importance of the geographical location
- The impacts of power production mix over water sources due to energy consumption during the use phase of a product's lifecycle

There will be time to ask questions and to engage in a dialogue. A light lunch will be served.

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

Water use, food security and disease: Achieving healthy outcomes (09:00–10:00)



Room:
NL 461

Convenors: CGIAR-A4NH, CGIAR-WLE, Deltares and The Bridge Collaborative

Environmental, agricultural, social and medical researchers will share insights into interactions between water use for food production and health outcomes, focussing on malaria control. Come join an interdisciplinary discussion on how integrated management of water resources can both improve food security and reduce disease burden in low income settings.

Event

09:00 **Welcome by moderator**

Deltares, **Eline Boelee**, Deltares and **Matthew McCartney**, IWMI

09:05 **Agriculture, water and disease overview and introduction to case study**
Jeff Waage, LSHTM and **Javier Mateo-Sagasta**, IWMI

09:30 **Part 2. Interactions between water, crops and malaria: What is the evidence?**

- Links between large dams and malaria in Africa – **Matthew McCartney**, IWMI, **Jonathan Lautze**, IWMI, **Solomon Kibret**, University of California at Irvine and **Eline Boelee**, Deltares
- Rice production, malaria and the "paddy paradox" – **Kallista Chan**, LSHTM and **Jo Lines**, LSHTM

- Modifying rice production to reduce mosquito production and malaria risk in West Africa
Rousseau Djouaka, International Institute of Tropical Agriculture
- Intermittent rice irrigation introduction in Peru – **Carmen Cruz Gamboa**, Ministry of Health, Peru

09:15 **Part 1. Setting the scene - trends in water use, crop development and disease management**

- Malaria and related vector-borne diseases – **Jo Lines**, LSHTM
- Rice production in low and middle income countries – **Kazuki Saito**, Africa Rice
- Agricultural water management in Africa – **Cees van de Guchte**,

09:45 **Part 3. Addressing the problem: interventions and their results so far**

10:00 **Part 4. Connecting the dots: Participatory mapping of multi-sector approaches to water, agriculture and disease**
Facilitator: **Kari Vigerstol**, TNC and **Claudia Ringler**, IFPRI and Bridge Collaborative

10:30 **End of session**

WASAG: Global framework on water scarcity in agriculture (10:00–10:30)

Convenor: FAO

The Coping with Water Scarcity in Agriculture: A Global Framework for Action in a changing Climate was officially launched during the COP22 of the United Nations Framework Convention on Climate Change (UNFCCC) in Marrakesh, Morocco, in November 2016. The Global Framework has been proposed to respond to the increasingly urgent issues of water scarcity. It seeks to catalyse international cooperation on water scarcity in agriculture in the context of climate change and growing competition for water resources.

It is a call for partners from different sectors and backgrounds to join a concerted effort to support countries in implementing their nationally determined contributions (NDCs) and other plans and programmes related to agriculture and water; and in achieving the food security and water-related targets of the 2030 Agenda for Sustainable Development.

AFRICA FOCUS | Water security, climate change: Peace and cooperation challenge (11:00-12:30)

Room: NL Auditorium

Convenors: AMCOW and AUC

Water security and climate change are key factors that affect the livelihoods of many Africans in many ways. The challenge of climate change on hydrological systems can drastically affect the economic and social ecosystem. The session will look at the ample opportunities and mechanisms that exist to ameliorate the situation.

Chair: Hon **Mansour Amadou Faye**, Minister of Hydraulics and Sanitation, Senegal

Moderator: Dr **Tahani Sileet**, Nile Water Sector, Egypt and TAC Vice-Chair Northern Africa

11:35 **Basin-wide planning and joint investment in water development as a means for regional peace and cooperation**
Hamed Diane Semega, High Commissioner OMVS

12:00 **Discussions**

11:00 **Welcome by the chair**

12:20 **Closing remarks by chair**

11:10 **Water Infrastructure, a condition for sustainable development in Africa**
Symerre Grey-Johnson, PIDA

12:30 **End of session**

Getting the Basics Right: WASH for reproductive, maternal, newborn health

Room: NL 461

Convenors: LSHTM and WaterAid

The session will highlight the importance of WASH in healthcare facilities in order to strengthen reproductive health, newborn survival, and maternal health. We will have a foundation laid for how WASH can contribute to health outcomes and hear good country examples of programming and discuss ways to enhance collaboration to achieve SDG 3 (health) and SDG 6 (WASH).

Event

11:00 Opening remarks

11:05 Presentations

- Presentation of a conceptual framework and systematic review on connection between WASH with maternal and neonatal health
- WaterAid Case study: Tanzania - improving WASH in health care facilities
- LSTHM Case study: Nigeria – changing WASH behaviors at health care facilities for neonatal and maternal survival

11:35 Panel discussion

Pavani Ram, University of Buffalo/USAID
Pia Engstrand, Sida
Maggie Montgomery, WHO

Q&A

12:30 End of session

Groundwater-based natural infrastructure solutions: The missing link to resilience?



Room: NL Pillar Hall

Convenors: IWMI, Center for Advanced Water Research, IGRAC, Institute for Global Environmental Strategi and Robert B. Daugherty Water for Food Global Institute at the University of Nebraska

Groundwater is vital for surface aquatic ecosystems and their services, and vice-versa for groundwater sustainability. This event will showcase significant and increasingly applied approaches to groundwater-based natural infrastructure (GBNI) solutions from around the world. Discussion will focus on ways to further their uptake and contributions to resilience and water security.

Event

11:00 Welcome by moderator Alvar Closas, IWMI

11:05 Introduction to Groundwater-Based Natural Infrastructure (GBNI) Karen Villholth, IWMI

Presentation of GBNI cases and initiatives from around the world

11:15 MAR in Nebraska Nick Brozovic, DWFI

11:20 Payment for ecosystem services for MAR, Japan Binaya Ray Shivakori, IGES

11:25 Underground taming of floods, India Paul Pavelic, IWMI

11:30 Unmanaged recharge with poor outcomes, India Jenny Grönwall, SIWI

11:35 Planning and assessment of MAR applications Catalin Stefan, CAWR

11:40 The global MAR portal Arnaud Sterckx, IGRAC

11:45 Q&A

12:30 End of session

Is there such thing as innovative financing for ecosystems management?



Room: FH 300

Convenors: AfDB, IDB, SIWI and TNC

Around the world: Innovative financial mechanisms for ecosystems management

This session aims to bring together practitioners from around the world to share experiences implementing innovative financing mechanisms. Each case study will be individually presented, followed by a World Café style discussion.

Seminar

Session 2 of 3: Around the world: Case studies of innovative financial mechanisms for ecosystems management

11:00 **Recap of previous sessions and welcome by moderator**
Suzanne Osmet, WRI

11:15 **How to upscale financing for ecosystems management in Africa?**
Mecuria Assefaw, AfDB

11:25 **Adaptive PES: Financing sustainable water management for ecosystem services**
Peter Vos, GGGI

11:35 **Financial sustainability of watershed conservation schemes: Lessons from LAC**
Monica Altamirano, Deltares

11:45 **Forest resilience bonds in California**
Todd Gartner, WRI

12:00 **Moderated World Café discussion with presenters**
Suzanne Osmet, WRI

12:15 **Wrap up and lessons learned**

12:30 **End of session**

IWRM and ecosystem based approaches: Complementary, duplicating or competing?



Room: NL 357

Convenors: S2S Platform, GEF-IW:LERN, GWP, National and Kapodistrian University of Athens and SIWI

This seminar will discuss the ecosystem dimension of IWRM. What are the conflicts and complementarities between IWRM and ecosystem based approaches? What mechanisms and incentives exist to overcome sectorial and geographic confines? How can the Agenda 2030 help integrate action of interlinked goals? We invite cases illustrating applications of these.

Seminar

Session 2 of 3: Navigating the interlinkages of IWRM and ecosystem based management for climate change adaptation

11:00 **Introduction**
Moderator: **Birgitta Liss Lymer**, S2S Platform, SIWI
Rapporteur: **Yuji Enriquez**

11:05 **Keynote speech: Assessing the interconnectedness of ecosystems, water and food**
Nicola Fohrer, Global Water Partnership/the German Hydrological Society

11:20 **SDG targets and implementation of IWRM in Sri Lanka**
Dammika Sirisena, MCB Bank Limited

11:30 **Reducing uncertainty in ecosystem based approaches towards more holistic IWRM**
Mary Matthews, UNDP GEF Kura II Project

11:40 **Coastal flood adaptation for indigenous communities in Canada**
Andrew Robinson, Laxgalts'ap Village Government

11:50 **Demonstrating operational linkages with a wetland buyback scheme**
Caroline Sullivan, Southern Cross University

12:00 **Q&A**

12:25 **Conclusions of session 2**

12:30 **End of session**

Marketing strategies for sustainability: Building consumer demand for safe water (11:00–11:30)

Convenors: Danone.Communities and Safe Water Network

The financial and operational sustainability of decentralized water supply (referred to as small or safe water enterprises) depends on consistent revenues to cover ongoing operation and maintenance. However, water consumers often choose free sources and, with inadequate revenues, systems often fail forcing consumers to resort to unsafe sources. A Dalberg study on Safe Water Enterprises notes that improving understanding and engagement of consumers is critical to realize sustainable safe water supply.

A growing number of organizations are focusing on marketing efforts to build consumer demand for safe water. Affordability, convenience, and reliability are three key factors consumers value; therefore, organizations need to balance financial viability and affordability, while maximizing convenience and ensuring reliability.

Safe Water Network will share insights based on findings from consumer tracking studies in India and Ghana, and its marketing programs and innovations to respond to consumer demand for affordable, convenient, and reliable safe water.

Danone Communities will discuss global trends and successes as well as the role of marketing in achieving sustainability, based on its experience supporting social businesses providing safe drinking water to the bottom of the pyramid.

This sofa session will promote sector-wide visibility to the consumer proposition for safe water enterprises, and the need for sector-wide collaboration.

Sofa

MENA FOCUS | Building resilience to shocks and protracted crises



Room: FH 307

Convenors: FAO and World Bank

This event focuses on how water and fragility are linked and the need to understand and address these issues conjunctively for addressing the wider peacebuilding efforts in MENA. The session is expected to provide opportunities for audience engagement and reach concrete policy recommendations for countries, regional organizations and development banks.

Chair: **Pasquale Steduto**, FAO
Rapporteur: **Noosha Tayebi**, World Bank

11:00 **Welcome by the chair**

11:05 **Introduction by representative from FAO**
Abdessalam Ould Ahmed, FAO (tbc)

11:15 **Introduction by representative from the World Bank**
Abdallah Dardari, MNA

11:25 **Presentation of the key aspects of the FAO-World Bank discussion paper: "Water management in fragile systems: Building resilience to shocks and protracted crises"**
Anders Jagerskog, World Bank

11:40 **Questions from the audience**

11:50 **Panel discussion with representatives from the region**
Roula Majdalani, UNESCWA (tbc)
Nada Agizy, League of Arab States (tbc)

Natasha Westheimer, Office of the Quartet (tbc)
Yana Abu Taleb, EcoPeace Middle East
Humanitarian NGO – ICRC or similar
Representative from the Arab Fund for Social Development
Government representative

12:25 **Summary reporting by the rapporteur**

12:30 **Closing of the event by the chair**

12:30 **End of session**

Event

Nature-based solutions for water: A smart approach to disaster risk



Room: NL
Music Hall

Convenors: Caritas Switzerland, CSD Engineers, Direction Générale de L'Eau Genève, HELVETAS, Swiss NGO DRR Platform, SWP and WaterLex

From mitigating disaster impacts to investing in Nature-based Solutions for Water to reduce disaster risks on the long term: How political, organizational and technical levels all matter to end up on effective actions in the field. Based on concrete case studies in Switzerland, Myanmar, Honduras and Tajikistan the event will explore different components for successful implementation of Nature-based Solutions for Water.

Event

**No programme was submitted before publication.
For more recent updates please visit:
<http://programme.worldwaterweek.org>**

Reducing emissions from antibiotics production: Demands, tools and experiences (11:00–11:45)



Room: FH
Cabaret

Convenor: SWH

Tackling Antimicrobial Resistance (AMR) requires promotion and implementation of best practices throughout the lifecycle of antibiotics. Focusing on AMR and the Environment SIWI is engaging with global antibiotics suppliers to collect best practices from the industry and to test new approaches based on resource efficiency for reducing emissions.

Showcase

- | | |
|---|---|
| <p>11:00 Welcome</p> <p>11:05 Project presentation: Reducing emissions from antibiotics production
Lizzie Sagrelus, SIWI and
Iris Panorel, SIWI</p> <p>11:10 Reflections from stakeholders and project partners
Rosemary Kumwenda, SPHS
Frans Vlaar, DSM-Sinochem
Damiano de Felice, Access to Medicine Foundation
Parameswaran Iyer, Ministry of Drinking Water and Sanitation, Government of India</p> | <p>11:30 Panel discussion and audience engagement
Nicolai Schaaf, SIWI</p> <p>11:45 End of session</p> |
|---|---|

Research initiatives on the High Andes ecosystems and water interactions

Room: NL 353

Convenors: Agua de Quito, CAF, Cap-Net UNDP, IDB and Quito Water Protection Fund

To optimize water sources ecosystems management, interventions must be supported by research with the academy.

In an open and participatory panel is expected the dissemination of the Scientific Station Project, exchange of experiences, identification of common interests, creation or integration in related networks, and the identification of financing sources.

Showcase

11:00 Context setting Homero Castanier , EPMAPS	11:25 Panel discussion on the applicability of expected results Paul Muños , IADB Bert De Bievre , FONAG Damian Indis , Cap-Net UNDP Victor Arroyo , CAF Pablo Loreto , EPMAPS	12:20 Closing remarks on how this initiative supports the sustainability of water sources Representative, EPMAPS
11:05 Opening remarks Pablo Lloret , EPMAPS		12:25 Wrap up and recommendations Homero Castanier , EPMAPS
11:10 Justification, objectives and institutional structure of the Water and Páramo Scientific Station Bert De Bievre , FONAG	11:45 Round table workshop on similar experiences or innovation	12:30 Close of session
11:20 Advances and the scientific and research program of the Water and Páramo Scientific Station Homero Castanier , EPMAPS	12:05 Panel discussion on the opportunities and challenges for achieving the expected results	

Sanitation in small towns: Challenges for the environment and development



Room: FH Little Theatre

Convenors: GIZ, GRET, i-San Associates, Programme Solidarité Eau, Sandec at Eawag, SuSanA, World Bank and WaterAid

Small towns often face difficulties in developing viable sanitation services, impacting ecosystems and human development. Due to their rapid population growth, this represents a major challenge for reaching the related SDG targets. This event will share the insights from recent studies and question the lessons learned by current field experiences.

Event

11:00 Introduction Colette Genèveaux , pS-Eau	• Table 2: Capacity building for small towns Facilitator: Christoph Lüthi , Eawag-Sandec	12:05 Wrap-up of the World Café and conclusion Martin Gambrill , World Bank
11:10 Flash presentations of the discussion groups	• Table 3: Incentives for small towns Facilitators: Joseph Banzi , WaterAid and Rebecca Gilsdorf , World Bank	12:30 End of session
11:15 World Café <i>Participants will be invited to join one of the 5 discussion tables, for 2 rounds of debates</i> Moderators: Anna Kristina Kanathigoda , GIZ and Rémi Kaupp , WaterAid	• Table 4: Sustainability of service: monitoring and evaluation Facilitator: Christophe Le Jallé , pS-Eau	
• Table 1: Financial viability of sanitation services Facilitators: Martin Gambrill , World Bank and Rémi Kaupp , WaterAid	• Table 5: Equity aspects in small towns Facilitators: Anna Kristina Kanathigoda , GIZ and Colette Genèveaux , pS-Eau	

Sediment Color Tool: Empowering local drillers for safe water provision (11:00–11:45)



Room: NL 253

Convenors: International Society of Groundwater for Sustainable Development, KTH Royal Institute of Technology, Ramboll Water and UNICEF

A Sediment Color Tool has been developed based on the visual color attributes of the shallow sediments as perceived by the local drillers to install community tube wells at targeted safe depths to scale-up safe water access in rural Bangladesh.

Showcase

11:00 **Welcome and introduction**
Dr **Boluwaji Onabolu**, UNICEF

11:05 **Address by KTH President and Vice President**
Sigbritt Karlsson, KTH Royal Institute of Technology (tbc) and
Göran Finnveden, KTH Royal Institute of Technology (tbc)

11:10 **Showcasing the Sediment Color Tool – An example of transformation of science-based knowledge to local capacity development of private sector for safe water provisions**
Mattias von Brömssen, Ramböll Sweden AB and
Prosun Bhattacharya, KTH Royal Institute of Technology

11:20 **Embedding the private sector (local driller) capacity for service delivery provisions and strengthening the drinking water safety**
Nargis Akhter, UNICEF

11:30 **The way forward – embedding the tool in capacity development of the sector professionals and further innovations**
Moderator: Dr **Boluwaji Onabolu**, UNICEF

11:40 **Concluding remarks**
Dr **Boluwaji Onabolu**, UNICEF
Prosun Bhattacharya, KTH Royal Institute of Technology

11:45 **End of session**

Water for fish: Sustainable inland fisheries



Room: FH 202

Convenors: CI, FAO, TNC, United States Geological Survey, University of Hull International Fisheries Institut, Wetlands International and WWF

Inland fisheries (IF) support food security and livelihoods for millions of vulnerable people worldwide, and IF sustainability depends in large part on ecosystem-based management of water resources. In this session, experts from different sectors will outline key science, policy, governance, and management questions to underpin a sustainable IF roadmap.

Event

11:00 **Introduction**
Ian Harrison, CI

11:05 **Speed presentations**
Moderator: **Abigail Lynch**, USGS

- State of the World's Fisheries
Simon Funge-Smith, FAO
- Lake Tanganyika's fisheries and fish diversity: Addressing threats from village to basin-scale
Colin Apse, TNC
- Replacement water cost of global inland fisheries
Rachel Ainsworth, University of Hull International Fisheries Institute.

- Fishery sustainable development in the Inner Niger Delta: challenges and opportunities
Karounga Keita, Wetlands International
- A study of the Kafue Flats Fishery
Chanda Mwale, WWF
- Mekong inland fisheries under threat
Vittoria Elliott, CI
- InFish: a cross-sectoral inland fisheries community of practice
Abigail Lynch, USGS

11:55 **Plenary discussion**
Moderator: **Robin Abell**, CI
Panelists:
Simon Funge-Smith, FAO
Ian Cowx, University of Hull
International Fisheries Institute
Kathleen Dominique, OECD
Fred Boltz, Resolute Development Solutions

12:25 **Wrap-up**

12:30 **End of session**

Arsenic primer: Guidance on investigation and mitigation of arsenic (12:00–12:45)

Room: NL 253

Convenors: UNICEF and WHO

Arsenic has gained renewed attention after being included as a priority chemical under SDG 6.1. In response UNICEF and WHO developed an updated version of “Arsenic Primer – Guidance on the investigation and mitigation of arsenic contamination”. During this session, participants will learn about arsenic exposure and share experiences.

Showcase

**No programme was submitted before publication.
For more recent updates please visit:
<http://programme.worldwaterweek.org>**

Exhibition Hall

Blue Deal: 20 million people clean, sufficient and enough water (12:00–12:30)

Convenor: Government of the Netherlands

The Blue Deal was launched on World Water Day. It is a new international program of the Dutch Water Supply (regional government) and the Dutch Ministries of Foreign Affairs and Infrastructure and Water Management (national government). The aim of the program is to provide 20 million people in forty river basins worldwide with clean, sufficient and safe water. The program runs until 2030 and contributes to SDG 6.3–6.6. This is the first time that the national and regional government in the Netherlands has joined forces in such a large program.

The Blue Deal consists of long-term partnerships with local governments. The Netherlands will carry out projects with these partners to gradually improve water management until 2030. The focus is on providing assistance, creating opportunities for companies and learning from other countries to continue to improve their own work in the Netherlands. The program pays extra attention to gender, innovation, sustainability, poverty reduction and climate

At this moment the partners are selected, the implementation of the program starts in 2019.

Sofa

Monitoring water quality using EO: UNESCO World Water Quality Portal

Room: FH
Cabaret

Convenors: ESA, Group on Earth Observations and UNESCO-IHP

The Session demonstrates the use of Earth Observation (EO) for inland water quality monitoring, science-based policy-making and the SDGs implementation. The UNESCO World Water Quality Portal—a pioneering tool to monitor freshwater quality using satellite data—will be presented, along with activities of other organizations such as GEOSS and ESA.

Showcase

Moderator: **Sarantuyaa Zandaryaa**,
UNESCO

12:00 **Opening remarks**

Dr **Blanca Jimenez-Cisneros**, UNESCO-IHP

12:05 **Monitoring water quality using Earth Observations data: Demonstrations of innovative tools and technologies**

- The newly-launched UNESCO World Water Quality Portal: A pioneering tool to monitor water quality using satellite data
Dr **Sarantuyaa Zandaryaa**, UNESCO-IHP

- Earth Observations in support of the SDG water monitoring
Dr **Douglas Cripe**, The GEOSS Secretariat

12:40 **Summary and the way forward**

12:45 **End of session**

- Modelling water quality in lakes using satellite data
Prof **Yosuke Yamashiki**, Kyoto University

- Using Earth Observations to monitor water resources
Dr **Benjamin Koetz**, ESA (tbc)

12:25 **Panel discussion and interaction with the audience: The role and use of EO in water management and the SDGs implementation and monitoring**

ASIA FOCUS | Natural alternatives to water storage



Room: FH 202

Convenors: ADB, APWF, IWC and IWMI

This session will demonstrate the importance of sensitive approaches to the preservation and careful use of natural water storage options for the common good. Case studies will demonstrate practical innovative approaches that enhance water security in a variety of geographies and countries across Asia.

Event

14:00	Overview: Importance and objectives of the session Matthew McCartney , IWMI	14:35	Case Study#3: Groundwater management in Kumamoto City (Japan) Yumiko Asayama , APWF/Japan Water Forum	14:55	Moderated discussion and audience participation Moderator: Thomas Penella Panelists: Paul Pavelic , IWMI Alvin Lopez , ADB Yumiko Asayama , APWF/Japan Water Forum Mark Pasco
14:05	Keynote: Resilience thinking the need for new perspectives Nathanial Matthews , Global Resilience	14:45	Case Study #4: Aquifer storage and recovery (ASR) in Australia Brian S. McIntosh , International WaterCentre	15:20	Closing remarks, key take away messages Ravi Narayanan , APWF
14:15	Case Study#1: Underground taming of floods for irrigation: Managed aquifer recharge (India/Vietnam) Paul Pavelic , IWMI	14:45	Audience reaction (clarifying questions to all presenters) Moderator: Matthew McCartney , IWMI	15:30	End of session
14:25	Case Study#2: Peatland management in Mongolia for water security and livelihoods (Mongolia) Alvin Lopez , ADB				

Container based sanitation and the sanitation economy



Room: FH Little Theatre

Convenors: Gates Foundation, Clean Team Ghana, Container Based Sanitation Alliance, Greenbaum Found, Loowatt, Sanergy, Sanivation, SOIL, Stone Family Foundation, Toilet Board Coalition, University of Leeds, University of Oregon, WHO and x-runner

This interactive workshop will bring together multiple stakeholders to align behind a unified call to action to scale alternative sanitation solutions that systematically integrate the full sanitation value chain – from safely-managed toilets to nutrient recycling – and generate business opportunities at a lower cost than traditional sewer systems.

Event

14:00	Chair's welcome and session objectives Jon Lane	14:25	Perspectives on sanitation partnerships: Interventions from a CBS service provider, city authority/utility or government representative, health expert, sanitation financing academic and corporate service provider	15:10	Discussion results and highlights: Facilitated feedback
14:05	Introduction to the sanitation economy Cheryl Hicks , The Toilet Board Coalition			15:25	Closing words Jon Lane
14:15	Container based sanitation solution and brief introduction to the Container Based Sanitation Alliance Kory Russel , CBSA	14:40	Interactive audience discussion with table-level facilitators and sector experts: What are the barriers for regenerative sanitation solutions (like CBS) reaching scale in today's economies?	15:30	End of session

Eye on LAC | Mainstreaming natural infrastructure in water projects



Room: FH
Congress Hall A

Convenors: FEMSA, IDB and TNC

Water and sanitation projects do not consider natural or green components in their design, even when the economic case is clear. This session will discuss how to optimize water and sanitation projects by incorporating nature-based solutions and, therefore, provide greater economic, social and environmental benefits to society.

Event

14:00 **Welcoming remarks to Eye on LAC**

Sergio Campos, IDB

14:15 **Introduction by moderator**

Hugo Contreras, TNC

14:25 **Enabling adaptive management: Integrating ecosystems into the master planning process**

Monica Altamirano, Deltares

14:40 **Designing co-optimized green-grey infrastructure solutions: Integration methodology and considerations**

Mark Fletcher, ARUP

14:55 **Panel discussion and Q&A: Mainstreaming green and grey from the utility and regulatory perspective**

Marco Antonio Cevallos,

EPMAPS, Ecuador

Ivan Lucich, SUNASS, Peru

Mark Fletcher, ARUP

Monica Altamirano, Deltares

15:25 **Summary and Wrap-up**

15:30 **End of session**

Food hygiene for child health: An overlooked opportunity



Room: NL 461

Convenors: Great Lakes University of Kisumu, Government of Gambia, International Centre for Diarrhoeal Disease Research, Bangladesh, LSHTM, University of Birmingham, University of Malawi - The Polytechnic and WHO

WASH has a key role to play in reducing faecal contamination of food and therefore reducing disease transmission through faecal-oral pathways. This event will give an overview of current evidence on the impact of food hygiene interventions on health outcomes. It will also share good practice and implementation experience.

Event

14:00 **Overview of existing evidence**

- **Making the case for the importance of food as a transmission pathway**
Disease burden associated with unhygienic food preparation/storage; presentation of two evaluations of behaviour change interventions in Bangladesh and Nepal, offering proof of concept and high intensity application respectively

- **Towards a scalable approach**
Presentation of the effect of a low-intensity behaviour change intervention to reduce food contamination and child diarrhoea in The Gambia

- **Promoting a contextualised approach**
Presentation of formative findings from two studies in the pipeline that highlight the need for context-specific approaches

- **Acting on what we know**
Introducing a practitioner's manual for development of a contextualised

15:00 **Closing remarks**

WHO WASH team representative

15:05 **Q&A**

15:30 **End of session**

Is there such thing as innovative financing for ecosystems management?



Room: FH 300

Convenors: AfDB, IDB, SIWI and TNC

The final session of the day will have practitioners pitch their innovative financing mechanisms in front of a panel of experts, with the aim of stimulating a discussion about bringing these ideas to scale. The panel of experts will be composed of representatives from private sector, investors, MDBs, public utilities.

Seminar

Session 3 of 3: Ignite presentations of financial innovations for scaling ecosystems management

Pitch by fire presentations of financial innovations (with questions from panel)

14:45 **Additional pitch presentations** (tbc)

14:00 **Recap of previous sessions and welcome by moderator**
World Bank (tbc)

14:15 **miParamo, environmental financing mechanism to strengthen water funds in Colombia**

15:00 **Moderated discussion with panel and presenters**
World Bank (tbc)

14:10 **Introduction to the panel**
Rachel Cardone, Redthread Advisors

Diego Arevalo, Good Stuff International

15:20 **Closing remarks from panelists**

14:25 **Cloud forest blue energy mechanism**
Justus Raepple, TNC

15:30 **End of session**

14:35 **Green bonds water infrastructure criteria**
John Matthews, AGWA

IWRM and ecosystem based approaches: Complementary, duplicating or competing?



Room: NL 357

Convenors: S2S Platform, GEF:IW-LEARN, GWP, National and Kapodistrian University of Athens and SIWI

This seminar will discuss the ecosystem dimension of IWRM. What are the conflicts and complementarities between IWRM and ecosystem based approaches? What mechanisms and incentives exist to overcome sectorial and geographic confines? How can the Agenda 2030 help integrate action of interlinked goals? We invite cases illustrating applications of these.

Seminar

Session 3 of 3: Towards integrated water and ecosystem management

14:20 **Environmental paradigm and water management at Lujan River Basin, Argentina**

14:50 **Evaluation of audience responses and reflections from the seminar**

14:00 **Introduction**
Moderator: **Marianne Kjellen**, UNDP
Rapporteur: **Yuji Enriquez**

Mariano Ferro, University of Buenos Aires

15:20 **Conclusions from the entire seminar**

14:05 **Keynote Speech: Linking water and ecosystem-based management for sustainable development from source to sea**
Birgitta Liss Lymer, S2S platform, SIWI

14:30 **Participatory ecosystem management as decentralised IWRM: Lessons from India**
Nandita Singh, Water Development Centre (UCV)

15:30 **End of session**

14:40 **A 'Water Governance Observatory' for Brazil: Assessing the effectiveness of water policy and governance in Brazil**
Ricardo Novaes, WWF-Brazil

Looking beyond conventional water resources to address global water scarcity



Room: NL
Pillar Hall

Convenors: FAO, UNU – INWEH, UNOSD, UNESCO

Achieving water-related SDGs is a grand challenge for the world at large due to increasing global water scarcity. As river runoff and rainfall in water scarce areas are becoming insufficient to meet the water needs, this event addresses knowledge, insight, and trade-offs of using a range of unconventional water resources.

Event

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| <p>14:00 Welcome and introductory remarks
Vladimir Smakhtin, UNU-INWEH</p> <p>14:05 Introductory Talk: Looking beyond conventional water resources to address global water scarcity
Manzoor Qadir, UNU-INWEH</p> | <p>16:20 Panel discussion
Blanca Jiménez, UNESCO
Marlos DeSouza, FAO
Jong-Soo Yoon, UNOSD
Karen Villholth, IWMI
Abdulla Alshehi, National Advisor Bureau, UAE</p> <p>14:55 Open discussion</p> <p>15:20 Summary and concluding remarks
Vladimir Smakhtin, UNU-INWEH</p> | <p>15:30 End of session</p> |
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Role of water utilities in SDGs and new urban agenda



Room: FH 307

Convenors: GWOPA at UN-Habitat

The session will focus specifically on the role of water utilities in the implementation of the SDGs and the New Urban Agenda by linking questions on cities and water with the needs of the urban poor and vulnerable groups.

Event

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| <p>14:00 Opening and welcome remarks
Moderator : Jose Luis Martin Bordes, GWOPA at UN-Habitat</p> <p>14:05 UN-Habitat's perspective on the role of water utilities in SDGs and New Urban Agenda
Andre Dzikus, UN-Habitat</p> <p>14:20 Country perspective: The case of Mongolia
Orsoo Lkhagvatseden, Ministry of Construction and Urban Development, Mongolia (tbc)</p> | <p>14:35 Panel discussion with representatives of water and sanitation utilities
Paula Kehoe, San Francisco Public Utilities Commission, USA
Diana Makwaba, Nkana Water and Sewerage Company, Kitwe, Zambia
Maria Silvina Perriello, Agua y Saneamientos Argentinos (AySA)
Anna Romelyn Almario, ADB</p> | <p>15:20 Q&A</p> <p>15:30 End of session</p> |
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Scalability and collaboration in water intensive industries to achieve SDGs



Room: FH Cabaret

Convenors: SIWI and ZDHC

Water is a foundational ecosystem. Yet, water is taken for granted and industrial processes extract copious amounts of water or pollute ecosystems with effluents. SIWI, ZDHC and SAC collaborate to limit negative impacts and to scale efforts. Actively contributing industry representatives, limiting negative impacts on ecosystems, will be showcased.

Showcase

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| <p>14:00 Setting the context: Introduction to STWI and ZDHC – collective action for a more sustainable textile and leather industry
SIWI and ZDHC</p> | <p>15:20 Concluding remarks and outlook
SIWI and ZDHC</p> |
| <p>14:20 Interactive panel discussion I: Practical experiences from the supply chains</p> | <p>15:30 End of session</p> |
| <p>14:50 Interactive panel discussion II: The role of policy, regulation and financing</p> | |

Tapping shared lessons: Recent global experience of implementing environmental flows



Room: NL Music Hall

Convenors: IHE Delft, Nile Basin Initiative Secretariat, University of Melbourne and WWF

Environmental flows are now widely accepted as an essential element of water resources management, enhancing water security, protecting vital ecosystems and delivering sustainable human development. Implementation has been challenging, but new tools and experiences reveal how eflows can be more effectively embedded in the policy and practice of countries worldwide.

Event

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| <p>14:00 Welcome and objectives of the event</p> | <p>15:00 Audience inputs on strategies and requirements</p> |
| <p>14:05 Ignite talk: Advances in eflows implementation over the last decade</p> | <p>15:15 Summing up and looking to the 2018 “Global Action Agenda on Environmental Flows”</p> |
| <p>14:10 Audience voting and discussion of the relevance and realism of advances to their context</p> | <p>15:30 End of session</p> |
| <p>14:30 International expert panel “strategies and requirements for successful eflows implementation”</p> | |

The ripple effect: Empowering women through water



Room: NL 353

Convenors: The Coca-Cola Company, Global Water Challenge, USAID and Water and Development Alliance

This session will showcase findings from a ripple effect study conducted by Ipsos, in partnership with the Water and Development Alliance, that examines the unique linkages between improved WASH access and the empowerment of women and girls. In addition, water sector and research experts alike will be highlighting their work at the intersection of WASH and women's empowerment.

Showcase

14:00	Welcome remarks	15:15	Q&A
14:05	Overview of key findings from the ripple effect study	15:25	Brief summary and closing
14:15	Panel discussion	15:30	End of session
14:35	Spotlight: Women's empowerment through water in action		
14:55	Panel discussion		

Exhibition Hall

Use of big-data for water allocation and water productivity (14:00–14:30)

Convenors: FAO, Government of the Netherlands, IHE Delft, IWMI, Ministry for Water and Irrigation in Jordan and Ministry of Water resources and Irrigation of Egypt

Water scarcity is threatening lives and wellbeing of an increasing number of people. It can cause conflicts and spur humanitarian catastrophes, displacement and migration.

Agriculture is using 70% of water of the world's available fresh water resources. If we want to increase water efficiency, we need to address water use in agriculture.

FAO and The Netherlands have taken the initiative to develop a Water Productivity database, an open access tool which helps to monitor agricultural water use and make evidence based decisions. NL has set a target of 25% improvement in water productivity for all its development programs.

Allocation is another important factor; we need to know and decide how much water goes to different water users. Making the right allocations is a matter of political will.

Efficient water use and making the right water allocations can help to mitigate the pending water crisis and prevent conflict. It needs politicians, experts, local communities and courage to make the right decisions. Joint efforts are key.

The Sofa discussion will involve Mr. Alu Subah, Secretary-General at the Ministry of Water in Jordan, and Henk Ovink, Water Envoy for The Netherlands, and will focus on examples from Africa and the MENA region.

Sofa

Utility business cases for investing in watersheds

Room: NL 253

Convenors: TNC and Veolia

How can utilities provide services while supporting ecosystem sustainability? This workshop will examine the analytical frameworks and methodologies being applied to develop robust studies evaluating investment in watershed catchments (green infrastructure) as part of utilities' effort to reduce the cost of water supply treatment and deliver clean water supplies.

Showcase

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| <p>14:00 Introduction
Andrea Erickson-Quiroz, TNC</p> <p>14:10 Panel presentations
Jean-Paul Colin, Lyon Metropole
Philip Gichuki, Upper Tana
-Nairobi Water Fund Trust
Mauricio Romero Lara,
Aguascalientes
Bart Schoonbaert, OFWAT</p> <p>15:00 Open panel
Moderator: Laurent Auguste,
Veolia</p> | <p>15:25 Wrap-up</p> <p>15:30 End of session</p> |
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Exhibition Hall

The geography of future water challenges: The drylands (15:00–15:30)

Convenors: Global Centre of Excellence on Climate Adaptation, Ministry of Foreign Affairs, The Netherlands, Ministry of Infrastructure and Water Management, the Netherlands and PBL Netherlands Environmental Assessment Agency

Sofa

During this Sofa, water management and reducing water/ climate related risk in developing drylands will be central. Water management will be highlighted as one of five major transformation challenges for sustainable development (beside energy transition, sustainable intensification of agriculture, sustainable urbanisation and building a circular economy). Water cuts across these transformation challenges and may be a source for collaboration and building coherent strategies for hotspot regions from a water/climate perspective.

Integrating water- and climate-related challenges and global commitments in development strategies requires a transformation of how strategies are built and implemented. Scale- and place-based approaches and building coalitions

will be key for working effectively in the right direction. Developing scale- and place-based strategies that are anchored in the cultural and social environment offers chances for region-specific solutions.

Henk Ovink, The Dutch Special Envoy for International Water Affairs and Maimbo Mabanga Malesu, programme coordinator water management of ICRAF will from a global and local perspective discuss efforts in drylands in the global South, focusing on solutions taking climate change and socioeconomic developments into account. Cases will inform the discussion that will focus on the possible contribution of nature based solutions in drylands and what is needed to successfully upscale them.

Agriculture, freshwater quality, and public health: Tying it all together



Room: FH
Little Theatre

Convenors: Pennsylvania State University, Robert B. Daugherty Water for Food Global Institute at the University of Nebraska, SRM University, Texas A&M University and US Department of Agriculture

While food security for humans is a grand challenge of the 21st century, the unintended impacts of agriculture on fresh water resources and the health impacts of pollutants on humans and ecosystems need careful attention. Platform presentations and a panel will discuss this in the context of USA and India.

Expert researchers from the University of Nebraska, SRM University, Pennsylvania State University and the U.S. Department of Agriculture will provide presentations on the causes, detection and mitigation of soil and water contaminants in agricultural regions and their effect on the environment and human health. Presentations will be followed by a 30-minute panel discussion and Q and A.

Event

16:00	Welcome and speaker/panelist introductions Moderator: Chittaranjan Ray , Nebraska Water Center			16:45	Panel discussion Speakers and Lara Fowler , Penn State Institutes of Energy and the Environment, Pennsylvania State University Prof Shad Nelson , Texas A&M University-Kingsville
16:05	Presentation: Uranium in ground water and linkages to nitrate Prof Karrie Weber , University of Nebraska				
16:15	Presentation: Pesticidal persistent organic pollutants	16:30	Presentation: Environmental factors that impact accumulation of pharmaceuticals in food Clinton Williams , ARS-USDA	17:20	Q&A
				17:30	End of session

ASIA FOCUS | Water sensitive and livable green cities in Asia



Room: FH 202

Convenors: ADB, APWF, GWP, IWC and IWMI

The rapid growth of cities in Asia represents a threat for the equilibrium of the urban ecosystem, habitat and human well-being as a whole. There is a growing interest to explore pathways that can lead to water-sensitive and livable green cities, learning from existing cases of various sub-regions in Asia.

Event

16:00	Overview of this session Yumiko Asayama , Japan Water Forum/APWF	16:19	Implementing water sector reforms in Tashkent province in Uzbekistan: Improving the eco-system and the livability of cities and towns ADB (tbc)	16:39	Social and community dimensions of water sensitive urban design Dr Brian S. McIntosh , IWC
16:05	A wetland management strategy for livable cities and urban resilience: Wetland city of Colombo Dr Matthew McCartney , IWMI	16:26	Sponge cities in China François Brikké , Global Water Partnership	16:47	Panel discussion with speakers, interacting with audience: Pathways that lead to design water-sensitive and livable green cities in Asia Moderator: Ravi Narayanan , APWF
16:12	International Centre for Hazard and Risk Management ICHARM (tbc)	16:32	Cities' collaboration for sound water cycle management in Yahagi River Basin Yumiko Asayama , Japan Water Forum/APWF	17:27	Summary and wrap up Ravi Narayanan , APWF
				17:30	End of session

City water resilience framework and resilient water governance (16:00–16:30)

Convenors: 100 Resilient Cities, Arup, the Resilience Shift, SIWI and World Bank

Water Stakeholders and governors often work in silos, for example, there may be individual organisations overseeing agriculture, water supply, sewerage, drainage, fluvial defences, coastal defences, industrial water demand, and hydroelectric power, etc. Some of these actors may undertake actions without awareness of the impacts on the water cycle and it can be difficult to drive change in one area of the water cycle for benefit in another area. For example, catchment management by agriculture or forestry to benefit the water industry is still at pilot-project scale in many areas due to limited agreement on the appropriate incentives that should be provided by water companies.

Understanding the governance of water systems at a catchment-scale and improving collaboration between the actors in the water cycle can be used to improve resilience of the urban water system.

Sofa

Contribution of sanitation to Paris Agreement: What is stopping us?



Room: NL Music Hall

Convenors: BORDA, GIZ, SEI, SuSanA and UNDP-SIWI WGF

Integrated, and well-designed water and sanitation systems with improved sustainable waste management make important contributions to both, climate mitigation and adaptation. At the same time, sanitation service provision needs to be designed in a climate resilient way. This event explores these linkages further through a combination of concepts and interesting cases.

Event	<i>Setting the scene</i>	16:25 Q&A	16:50 Climate resilient water, sanitation and hygiene (WASH) development in rural Africa
	16:00 Welcome and introduction Dr Sarah Dickin , SEI	<i>Providing the cases</i>	WaterAid (tbc)
	16:05 Sanitation and the climate change agenda H.E Henk WJ Ovink , Special Envoy for International Water Affairs, Kingdom of The Netherlands, and Sherpa to the High-Level Panel on Water (tbc)	16:30 Key challenges in implementing sanitation-climate projects in the MENA region Lara B. Nassar , BORDA-WesCA	<i>Raising the questions</i>
	16:15 The perspective of the Climate Funding: the barriers for Sanitation funding? Alastair Morrison , Green Climate Fund	16:40 Sanitation and wastewater management in Paris: From an adaptation and mitigation perspective JD Berthault , Vice President, SIAAP	17:00 Audience-led panel discussion
		17:25 Concluding remarks Dr Alejandro Jimenez , SIWI WGF	17:30 End of session

Eye on LAC | Green-Gray Infrastructure: The Case for Investment



Room: FH
Congress Hall A

Convenors: IDB, RTI and WRI

Integrating natural infrastructure with traditional water infrastructure can reduce costs and improve water system performance, while enhancing human well-being. This represents an enticing investment opportunity. Drawing on new natural infrastructure case studies and the perspectives of multinational financial institutions, this session will explore pathways to investment in green-gray infrastructure systems.

Event

16:00 **Introduction by moderator**
Todd Gartner, WRI

Part 1. The business case for green-gray investments: Case studies

16:10 **Evaluating the case to invest in natural infrastructure for water in Southeast Brazil**
Suzanne Ozment, WRI

16:20 **Capturing the specifics of hydrological benefits of green infrastructure: Return on Investment in Quito's Water Fund FONAG**
Bert de Bievre, FONAG

Part 2. Financing mechanisms for green-gray infrastructure: Case studies

16:30 **Lessons from market-based approaches for watershed protection: The case of water quality trading in the Chesapeake Bay region**
George Van Houtven, RTI International

16:40 **How to finance natural infrastructure: A green bonds example**
John Matthews, AGWA

16:50 **Part 3. Panel discussion on how to trigger investment in natural infrastructure and Q&A**

17:25 **Summary and wrap-up by moderator**

17:30 **End of session**

Faecal waste and its mysterious movement through urban ecosystems



Room: NL 461

Convenors: Gates Foundation, GIZ, Emory University, LSHTM, Sanergy, SNV, World Bank, University of Technology Sydney and WSUP

In cities throughout the developing world, human faecal waste has massive impacts on human and ecosystem health. But urban sanitation investments are rarely based on ecosystem-level understanding of the flow pathways of faecal contaminants, faecal pathogens and faecal nutrients, or of the complex relationships between ecosystem health and human health.

Event

16:00 **Welcome and session overview**
...in which we will present, for your sensory delight and intellectual stimulation, the extraordinary and mysterious Pathogen People!

16:05 **Introductory mini-presentations**
Why do we need to understand the ways in which faecal waste moves through urban ecosystems? What approaches are currently being used to improve understanding?

16:20 **Analysis**
What are the implications of our current understanding for the design of urban sanitation systems and related environmental improvements? What are key gaps in our current understanding?

16:30 **Table discussions**
To what extent are implementing agencies currently taking health impact and environmental impact into account in investment decision-making? If to limited extent: why? What (if anything) needs to change?

17:00 **Plenary discussion**

17:20 **Closing reflections from selected participants**

17:30 **End of session**

Free-flowing rivers: Global status and solutions for securing their benefits

Room: NL 357

Convenors: IFC, McGill University, TNC, World Fish Migration Foundation and WWF

This session will introduce a global study to define free-flowing rivers and quantify and map their status. It will also review various solutions to one of the great challenges for global water management - the identification and replication of development options that maintain or restore the benefits of free-flowing rivers.

Event

16:00	Value of free flowing rivers & the cost of not knowing how to define them Michele Thieme , WWF	16:25	Case studies for maintaining or restoring free-flowing rivers Moderator: Jeff Opperman , WWF	17:05	Q&A and discussion
16:10	Global Assessment of free flowing rivers Bernhard Lehner , McGill University		<ul style="list-style-type: none"> • System-scale planning Kate Lazarus, IFC • Upstream planning facilities Justus Raepple, TNC • Legal mechanisms for protection IDB (tbc) • Downscaling and advocacy Chanda Mwale, WWF • Dam removal Arjan Berkhuisen, World Fish Migration Foundation 	17:30	End of session
16:20	From science to policy protection for free flowing rivers Michele Thieme , WWF-US				

Making waves: Implementing digital finance for sustainable water supply



Room: NL Pillar Hall

Convenors: Consultative Group to Assist the Poor, GSM Association and Safe Water Network

Water service providers struggle to cover costs. Digital finance is an emerging solution that can provide the critical efficiency boost necessary for financial sustainability. Participants will discuss how mobile payments and pay-as-you-go systems can revolutionize revenue collection and water provision, as well what the water service ecosystem must do to be ready for the challenge.

Event

16:00	CGAP to introduce event and key digital finance concepts, as well as present findings from a landscaping of digital finance applications in the water sector	16:45	Panel discussion featuring: Moderator: GSMA Safe Water Network Wonderkid Multimedia MTN Ghana Vodafone
16:15	GSMA to present a case study of a mobile money operator working closely with a Water ATM provider in East Africa	17:15	Q&A
16:30	Safe Water Network to share results from digital finance pilots (including smart meters and water ATMs) at water stations in Ghana	17:30	End of session

Nation to nation: Integrating indigenous perspectives into water resource management (16:00–16:45)

Room: NL 253

Convenors: Bureau of Reclamation, United States Department of State and USWP

Reclamation will showcase its work with tribal nations, highlighting consultation and collaborative management practices in the Columbia River Basin. This will include a discussion of the federal-tribal relationship and the challenges of managing a transboundary watershed while balancing competing economic, cultural, and ecosystem interests.

Showcase

16:00 **Welcome by moderator**

16:05 **Nation to nation: Integrating indigenous perspectives into water resource management**
Duane Mecham, United States Department of the Interior, Office of the Solicitor and
John Roache, United States Bureau of Reclamation, River and Reservoir Operations

16:40 **Q&A**

16:45 **End of session**

Participated sustainable development: The role of citizen observatories



Room: FH 300

Convenors: Akvo Foundation, Earthwatch, Gavagai, IHE Delft, Stockholm University and Upande Ltd.

Citizen observatories are community-based monitoring and engagement systems that can bring local communities, traditional authorities and scientific actors together to share information and co-create knowledge about the environment. Practitioners from private and public sectors, academia and NGOs will share hands-on experiences with implementing COs in Africa and Europe.

Event

16:00 **Welcome**

Plenary introduction

Plenary discussion with feedback from the participants on their 'station visits'

Carousel session, participants need to 'vote with their feet', choosing from six stations:

- Three stations will provide insights into the outcomes of COs in two African and one European Demonstration Case.
- The other three stations will address cross-cutting issues such as co-designing COs, citizen engagement, and ICTs for COs and social media analytics.

17:30 **End of session**

Recipharm International Environmental Award

Room: FH
Cabaret

Convenor: Recipharm AB

The 10th Recipharm International Environmental Award is awarded to Professor Karen Kidd, McMaster University, Ontario, Canada. The showcase will host the prize ceremony as well as a workshop on the topic of Pharmaceuticals' impact on the environment, also giving the perspectives of previous winners of the Award.

Showcase

- | | |
|---|----------------------------------|
| 16:00 Intro Recipharm International Environmental Award | 17:20 Panel discussion |
| 16:15 The external view: Regulations, governmental expectations, political development
Hannah Leckie, OECD | 17:40 Next steps, Q&A |
| 16:35 Panel discussion with previous winners | 18:00 End of session |
| 16:50 Award ceremony | |
| 17:00 Keynote speech
Karen Kidd | |

SDG6.5 on IWRM: From global status reports to accelerated implementation (16:00–17:30)

Room: NL 353

Convenors: Cap-Net UNDP, GWP, UNECE, UNEP-DHI Partnership and UNESCO IHP

This is the launch of the official reports on Sustainable Development Goal (SDG) target 6.5 indicator concerning IWRM (6.5.1) and transboundary water cooperation (6.5.2). During the showcase, ideas on how to accelerate IWRM implementation at multiple levels will be discussed.

Showcase

- | | | |
|--|---|--|
| 16:00 Welcome and outline of session | 17:00 Breakout groups split over 3 stations | 17:15 Reporting back to plenary and reactions from the room |
| 16:05 Opening remarks to set the scene | <ul style="list-style-type: none"> • Station 1: Globally, the key barriers to IWRM implementation are [from report findings]. What are your best ideas on how they can be addressed? • Station 2: Globally, the key weaknesses to transboundary cooperation are [from report findings]. How is it possible to reach operational arrangements? • Station 3: IWRM is a silo within the water silo. How can IWRM break out to better support other targets and goals? | 17:25 Closing remarks |
| 16:10 Presentations on SDG6.5 indicator baseline monitoring results and recommendations | | 17:30 End of session |
| 16:50 Country rep perspectives panel | | |

WASH affordability: Monitoring and response options



Room: FH 307

Convenors: World Bank, UNICEF, University of Oxford and WHO

This event explores the issue of affordability of drinking water, sanitation and hygiene (WASH). It covers how to define and measure what is an affordable (or unaffordable) WASH service, how a preferred definition might be monitored globally, and how governments and service providers can respond to unaffordable WASH services.

Event

16:00 **Welcome and introduction to global initiative on the monitoring of WASH affordability**

17:00 **Emerging findings from case studies**

17:20 **Ways forward**

16:15 **Debate: contrasting perspectives on affordability**

17:30 **End of session**

- Law/rights
- Economic
- Service delivery
- Regulatory
- Demand and user behaviour

Exhibition Hall

How changed attitudes towards menstruation hygiene impact girls' rights (17:00–17:30)

Convenor: Plan International Sweden

On any given day, 800 million girls and women in the world are menstruating. Yet, attitudes towards menstruation, and inadequate hygiene facilities, are having a detrimental impact on women's and girls' lives. In many countries where we work, women and girls do not have access to the clean water, supplies, resources and knowledge they need to manage their menstruation, and due to harsh social taboos and harmful practices, women and girls are often excluded from participating in society.

For girls, the inability to deal with menstruation in school premises means they miss school each month, or drop out altogether. It also severely affects their ability to make

important decisions about their sexual and reproductive health and well-being at large.

Plan International is committed to improving MHM for girls and addressing the social beliefs and stigmas surrounding menstruation. Together with local governments and schools we are training district health workers, teachers and volunteers. We also distribute menstrual hygiene materials in schools and teach girls how to manage their periods so they feel confident and stay in school. Together with the non-profit H&M Foundation, we work in the remote province of Ratanak Kiri in northern Cambodia.

Sofa

Tuesday | 28 August | 17:00–21:30

Supporting transboundary cooperation: Opportunities within the next GEF funding cycle (17:00–17:45)

Room: NL 253

Convenors: GEF and GEF:IW-LEARN

Cooperation on water is essential to support the need for water, food, energy, and ecosystems security leading to increased resilience locally, nationally and regionally. Session participants will gain insights on the 7th replenishment of the GEF, in particular the strategy and priorities of its International Waters focal area.

Showcase

17:00 **Welcome by moderator**
Mish Hamid, GEF IW:LEARN

17:25 **GEF7 Replenishment**
Christian Severin, GEF and
Astrid Hillers, GEF

17:05 **Keynote: Source to sea linkages**
(tbc)

17:35 **Q&A**

17:15 **Amazon - Caribbean source to sea case**
Amb Jacqueline Mendoza,
Amazon Cooperation Treaty
Organization (tbc) and
Patrick Debels, United Nations
Office for Project Services
(Caribbean Sea Large Marine
Ecosystem Project) (tbc)

17:45 **End of session**

Stockholm Junior Water Prize

Over the past 22 years the Stockholm Junior Water Prize has brought together some of the world's brightest young minds. Each year, thousands of students from all over the globe enter national competitions in the hope of making it to the international final in Stockholm. Tonight, the winning team will be announced.

Award Ceremony and dinner

Berns salonger

18:00–21:30



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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**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
ERP	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

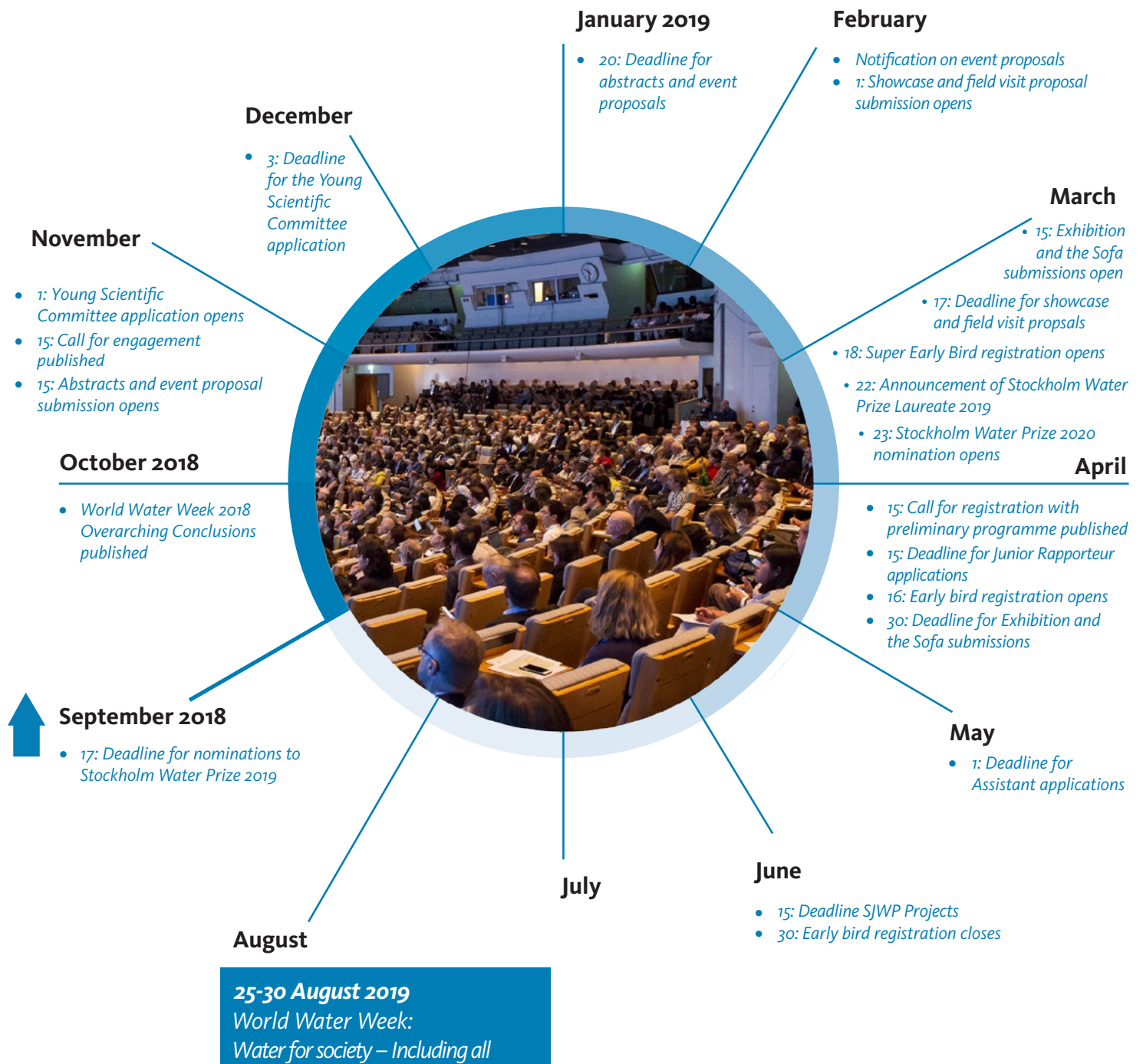
Convening organizations (continued)

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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