

2014 PROGRAMME AND CALL FOR REGISTRATION

**WORLD
WATER
WEEK**
in Stockholm,
August 31-September 5, 2014

Early Bird
Registration
until **June 30**

Key collaborating partners



SUSTAINABLE
ENERGY FOR ALL

World Water Week is organised by



World Water Week
in Stockholm
ENERGY AND WATER

ENERGY AND WATER – A LINK FOR OUR FUTURE

Photo: Thomas Henriksson



On August 31, we open the doors to 2014 World Water Week in Stockholm, themed “Energy and Water”.

Water and energy are inextricably linked and interdependent. We need water for energy (cooling, storage, biofuels, hydro-power etc.), and energy for water (to pump, treat and desalinate).

We believe that this is just the beginning of a closer cooperation between our two communities: it is only by thinking and acting together that we can create lasting change.

We have invited energy and water professionals from the science and research communities, governments, international organisations, civil society and the private sector to present their perspectives. We look forward to inspiring seminars, productive workshops and enlightened debates on some of the most crucial issues facing the world’s population.

On the following pages you will find the World Water Week’s programme, outlining this year’s plenaries, workshops, seminars and side events. They will cover such diverse topics as the challenges to our ecosystems, human rights in relation to

energy and water, sanitation, and the emerging hot topics of fracking and water pricing.

After the success of last year, we have invested even more time and energy into the Young Professionals Day, adding a seminar on entrepreneurship featuring inspirational speakers who have built successful businesses and organisations.

Additionally, SIWI has invited the private sector to assume a more visible role during the week. As much as companies are facing the challenges with sustainable water management, they are and must continue to be, part of the solution.

As this year’s World Water Week falls between two major milestones in the process leading to a Post-2015 Development Framework, the release of the UN Open Working Group recommendations and the UN General Assembly, the Week will offer an excellent opportunity for the water community to discuss and push for a dedicated goal on water in the future Sustainable Development Goals.

We will also make the link to the theme of 2015 World Water Week, “Water and Development”, by having several events on the Post-2015 Development Agenda.

It is time to register for this year’s most important water and energy event.

Welcome to Stockholm!

Torgny Holmgren
Executive Director
Stockholm International Water Institute

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Cover photo: Istock.

Design: Elin Ingblom, SIWI.



This announcement is published by the Stockholm International Water Institute and printed by Ineko, Stockholm, Sweden. The printing process has been certified according to the Nordic Swan label for environmental quality.

WORLD WATER WEEK

in Stockholm,
August 31-September 5, 2014

FINDING INTEGRATED SOLUTIONS TOGETHER

Global demand for energy as well as water is booming. Demand for both is projected to increase by over 50 per cent during the coming decades. Water is vital for the production of energy, energy is indispensable for water provision, and our economies are entirely dependent on both!

Bringing together key decision-makers, experts and practitioners from the diverse sectors and around the globe, the World Water Week in Stockholm is influencing the decisions on investments and policy that will shape our future.

Join more than 260 convening organisations and 2,500 delegates from 130 countries as we explore how to best build the partnerships and collective strategies that will lead us to a water wise world.

Will you contribute to the solutions?

2014 ORGANISING TEAM

- Ms. Karin Lexén | Director
- Ms. Ania Andersch | Logistics and Exhibition
- Ms. Britt-Louise Andersson | Media Relations
- Ms. Katarina Andrzejewska | Social Events
- Mr. Jens Berggren | Stockholm Water Prize and Stockholm Industry Water Award
- Ms. Ellen Berntell | Invitations
- Ms. Cajsa Larsson | Stockholm Junior Water Prize
- Ms. Irina Makarchuk | Assistants and Closed Meetings
- Mr. Adrian Puigarnau | Content and Programme
- Ms. Ingrid Stangberg | Seminars and Young Professionals
- Ms. Annie Strand | Workshops and Field Visits
- Ms. Elin Weyler | Reporting
- Ms. Sofia Widforss | Plenary Sessions

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KEY COLLABORATING PARTNERS



World Water Week will address the twin challenges of increasing global demand for energy and water. IUCN sees solutions for both as vital for a sustainable future. As a key collaborating partner in World Water Week, we aim to help in building the partnerships for innovation that will bring solutions to life – for a better future for the planet.



SUSTAINABLE
ENERGY FOR ALL

As a key collaborating partner for the 2014 World Water Week, SE4All seeks to leverage the nexus perspective as a policy and management instrument for increased collaboration and partnerships to support ongoing consultations on the Post-2015 development agenda to reach an agreement on goals that are interwoven and jointly achievable and; catalyse actions for achieving SE4All's three inter-related goals.



This year's World Water Week is dedicated to water and energy and as the World Bank embarks in implementing its Thirsty Energy Initiative, World Water Week is the ideal event to seek new partnerships and exchange existing knowledge on the subject matter. As collaborating partners, we will work together to ensure that the major players from the energy and water communities gather to bring solutions and effective partnerships.

ORGANISER



During the focus year on Water and Energy, the Stockholm International Water Institute (SIWI) organises the 2014 World Water Week in Stockholm under the theme of "Energy and Water". In order to widen the reach, enrich the discussions and encourage convergence we have teamed up with a number of key collaborating partners: The World Bank, Sustainable Energy for All (SE4ALL) and International Union for Conservation of Nature (IUCN).



EVERY EFFORT MATTERS – A MORE SUSTAINABLE WORLD WATER WEEK

As the organiser, SIWI is keen to offer you an exciting programme, but also to involve all participants in our work towards reducing the environmental impact of the World Water Week. In collaboration with our partners and local suppliers we have implemented a number of actions in order to make the World Water Week more sustainable:

- Public transportation card included in the registration fee
- Eco-labeled hotels
- Refillable water bottle and water stations at the conference venue
- Fairtrade and organically produced food and drinks-certified by KRAV and Svanen (Swedish and Nordic eco-labels)
- No red meat served
- Recycling at the venue

In 2014 and beyond we strive to continue working towards becoming an even more sustainable World Water Week and we look forward to your engagement! For this year we have chosen to focus on three important environmental aspects:

- Selecting food with low environmental and water impact
- Taking the first step towards making World Water Week a paper-less conference
- Actively promoting carbon offsetting

We look forward to your participation and hope that you will use the water bottle provided in your conference bag and that you will appreciate the food and fair-trade coffee!

OFFSET YOUR CARBON EMISSIONS

As part of our ongoing effort to promote sustainable development and to facilitate inspired actions, World Water Week invites all participants to calculate and offset the emissions from their travel. To learn more and to offset your emissions online, please visit <http://zeromission.myclimate.org/en>

#WWWEEK: ENGAGE OVER SOCIAL MEDIA

Join the World Water Week in Social Media today!

By utilising the World Water Week's social media channels you not only help broaden discussions and the reach of the Week's messages but you can also elevate your personal profile with other likeminded digital participants.

In 2013 World Water Week saw huge numbers of participants connect and debate online.

- **97,000** people that messages and comments on topics and events at World Water Week reached in the Facebook newsfeeds.
- **15,000** #wwweek related tweets during the five days of the event.
- **300** tweets were written, posted and shared every hour of the conference.

These virtual interactions pushed forward questions, statements and ideas about water, development and cooperation.

Join this year's online community and add your voice to the debate.



@www_team
#wwweek
@SIWI_Media



www.facebook.com/WorldWaterWeekInStockholm
www.facebook.com/SIWImedia



www.flickr.com/photos/worldwaterweek



Stockholm International Water Institute



#wwweek

www.siw.org/video

THEMATIC SCOPE:

ENERGY AND WATER

Several years ago, in the Asia-Pacific Water Development Outlook 2007, the Prime Minister of India stated that “...if all members of society can have adequate access to energy and water, many of the societal problems can be solved”. That statement is as true today as it was then. Energy and water are inextricably linked – we need “water for energy” for cooling, storage, biofuels, hydropower, fracking etc., and we need “energy for water” to pump, treat and desalinate. Without energy and water we cannot satisfy basic human needs, produce food for a rapidly growing population and achieve economic growth. And yet, today, 1.3 billion people lack access to electricity and some 800 million people get their water from unimproved sources. Many more consume water that is unsafe to drink. These are mostly the same billion poor, hungry and underprivileged human beings. Over the coming 30 years food and energy demands are expected to increase dramatically, yet we will depend on the same finite and vulnerable water resource as today for sustaining life, economic growth and our environment.

When addressing the “energy and water” theme during 2014 World Water Week in Stockholm we shall take an overall “systems view” of how we develop and manage energy and water for the good of society and ecosystems – at local, national, regional and global levels – and avoid unintended consequences of narrow sectoral approaches. The “water, energy and food security nexus”, underpinning the green growth approach, will be central to the agenda.

The energy and water theme will be addressed from two overall perspectives: the societal opportunities and challenges, and the cross-cutting issues.

Societal opportunities and challenges

Demography and economy driving energy and water demands

Efficient production and use of energy and water is essential in the national context to ensure basic needs and development opportunities for people. However, both energy and water transcend national boundaries, physically through transboundary waters and power grids, and economically through regional economic cooperation. Cooperation between nations increasingly focuses on sharing benefits, rather than water per se, with both food and energy as the primary, water-dependent goods to share. At the global level recurrent crises – energy, food, financial – illustrate systemic inter-dependence. Developing countries have serious challenges in achieving the Millennium Development Goals (MDGs) by 2015, and the close water, energy, and food interconnections need to be considered in formulating Sustainable Development Goals (SDGs) to follow the MDGs from 2015.

Balancing societal uses of energy and water

Energy and water are critical factors in urban development. Rapidly growing cities depend on reliable energy and water supply, but must try to reduce demands, manage trade-offs and optimise resource use by reuse, recycling and generation of energy from waste, all in an integrated urban management context. For industrial development improved efficiency in the use, and reuse, of energy and water is essential to save on increasingly scarce resources and costs, for both production and waste management. An added driver is to strengthen corporate social and environmental responsibility through sustainable production. Research, innovation and technology development for improved energy and water efficiency are essential for such efforts. The energy-water linkage is not only about quantity, but also about water quality and pollution, related to pollutant discharge, to significant quantities of heated cooling water affecting surface waters, or to potential groundwater pollution due to energy-related geo-engineering activities, including fracking.

Energy and water in a vulnerable and changing environment

Sharply accelerating demands for food and energy production place increasing pressure on the availability of water for vulnerable ecosystems and the biodiversity and human livelihoods they sustain. Energy production, be it hydropower development, biofuel production, shale gas exploitation or other forms of energy production, may have serious environmental and social consequences that need to be properly assessed and addressed. Climate change may affect the water system through increased variability, long term temperature and water balance changes and sea level rise, and is in many cases an added driver to be considered. Climate adaptation is primarily about water and land, but water resources are also critical for climate change mitigation, as many efforts to reduce carbon emissions rely on water availability. Because the water cycle is so sensitive to climate change, and because water is so vital to energy generation and carbon storage, we need to recognise the coherence between mitigation and adaptation measures. In ensuring this, and managing variability and environmental flow requirements, storage of both energy and water becomes a critical issue, including water as a medium for storing energy. Storage may be required at all levels, from the household and village levels to major infrastructure in transboundary settings, not least in developing countries. Such storage may be provided through investments in conventional infrastructure and/or in the restoration and management of natural systems.

“...if all members of society can have adequate access to energy and water, many of the societal problems can be solved”

Cross-cutting issues

Coordinating energy and water policies and governance

Unintended consequences of energy development for water, and vice versa, often have their roots in fragmented policies, e.g. energy subsidies in some parts of the world contributing to unsustainable groundwater overdraft through excessive pumping. The energy and water worlds seem to be divided between those who focus on technical solutions, and those who assume that the challenge is rather one of politics and governance. In taking a “systems view” energy and water policies need to be coordinated. In developing effective energy and water governance different characteristics and traditions prevail: while energy production most often is centrally managed, good water governance needs to include local, de-centralised planning and management in dialogue with affected stakeholders. For both, top-down needs to meet bottom-up governance. As evident when addressing the water, energy and food security linkages, real engagement of actors from other sectors is a pre-condition for success. For water the implementation of the Integrated Water Resources Management (IWRM) approach includes energy, but its role has not been sufficiently examined. In the energy sector policy choices, whether conventional or alternative, must depend on water resources availability and vulnerability. Both require stakeholder involvement in the entire chain from resource exploitation through regulation to consumption, including consideration of both energy and water in the food chain from “field to fork”. Poor and vulnerable stakeholders in developing countries require special attention, as does improved gender equality and youth participation.

Addressing the economic and financial aspects of water and energy

The economic value of energy varies in a changing market and may be difficult to assess for long term investments. For water, assessments of economic value must accommodate the fact that water is a public and social good, and access to safe drinking water has been declared a human right by the United Nations. At the same time, assessment of costs and benefits for different water uses needs to address gaps in knowledge of values linked to biodiversity and ecosystem services. However, when addressing benefit sharing, and likely energy and water markets, not least across boundaries, acceptable and reliable estimates are required. When it comes to financing and pricing the situation is equally complicated, due to the asymmetry, volatility and inter-linkages of energy and water prices, with energy mainly being priced on the market and water as a public good. Understanding of these

inter-linkages, and their economic and financial implications, are necessary for both public and private decision-makers.

Developing information and decision support systems for energy and water

Access to, and sharing of data and information, not least across jurisdictions and boundaries, is in itself a major challenge for water resources management. In transboundary settings it is often considered an issue of national security. The data and information challenge does not become easier when energy and water is combined. However, assessment of the inter-linkages and trade-offs for water from energy development, and vice versa, is strengthened greatly by an environment of dialogue, trust and full sharing of data and information between decision-makers and affected stakeholders, both public and private. It must also be flexible and adjustable to rapid change. Energy and water data and information may be made more accessible through mobile technologies. The complexity of decisions on energy and water development often calls for combined energy-water modeling as a basis for developing integrated decision support systems. In both sectors advanced models have been developed, and efforts to further combine and apply integrated energy and water modeling systems are underway. Such developments include hydro- and energy economics, ecological and hydrological effects, social criteria and economic tools to quantify trade-offs.

Bridging the science-policy-people interface for energy and water

In the final declaration “The Future We Want” from world leaders at the Rio+20 Summit in 2012 the chapter on energy contained no reference to water, and the water chapter did not mention energy. Clearly, whilst a lot of information about the water-energy linkages has been developed, awareness and knowledge have not transcended sectoral boundaries at the administrative and political levels. The science-policy-people dialogue on energy and water needs to be improved based on increased “energy and water literacy” and a genuine effort to communicate advances in science and good practice, as well as innovation in technology and management, to our political decision-makers. Meanwhile, political decision-makers need to set the agenda and framework for the science and technology to become policy relevant. In the developing countries in particular such efforts need to be associated with efforts to develop capacity at all levels to address these inter-linkages.

SCIENTIFIC PROGRAMME COMMITTEE

The Scientific Programme Committee (SPC) is comprised of a number of professors, scientists and experts from the water and development fields. The work of the SPC involves setting the overall theme, the thematic scope, for World Water Week in Stockholm, determining the workshop topics, selecting the submitted abstracts, developing the workshop programmes and reporting.

- Dr. Torkil Jønch Clausen, DHI (Chair)
- Dr. Robert Bos, IWA
- Dr. Phil Graham, Swedish Metrological and Hydrological Institute
- Dr. Dipak Gyawali, Nepal Academy of Science and Technology
- Mr. John Joyce, SIWI (co-opted member)
- Dr. Anders Jägerskog, Sida
- Ms. Angela Kallhauge, Swedish Energy Agency
- Dr. Jerson Kelman, Federal University of Rio de Janeiro
- Dr. Marianne Kjellen, SIWI
- Dr. Jakob Lundberg, We Effect
- Prof. Jan Lundqvist, SIWI
- Dr. Mark Smith, IUCN (co-opted member)
- Dr. Diego Rodriguez, World Bank (co-opted member)
- Mr. Will Sarni, Deloitte
- Ms. Danka Thalmeinerova, GWP
- Prof. Kalanithy Vairavamoorthy, University of South Florida
- Mr. Alain Vidal, WLE
- Dr. David Wiberg, IIASA (co-opted member)
- Prof. Pieter van der Zaag, UNESCO-IHE
- Mr. Torgny Holmgren, SIWI (Vice Chair)
- Ms. Karin Lexén, SIWI
- Mr. Adrian Puigarnau, SIWI (Secretary)

YOUNG SCIENTIFIC PROGRAMME COMMITTEE

The Young Scientific Programme Committee (YSPC) provides support to the Scientific Programme Committee in screening and reviewing the abstracts that have been submitted for each of the workshops and in setting the workshop programmes. During World Water Week, they support the workshop rapporteur teams and are part of the “Best Poster Award” jury.

- Mr. Nick Copeland, UK
- Mr. Ankur Gupta, India
- Ms. Johanna Köhler, Germany
- Ms. Olimar Maisonet-Guzmán, Puerto Rico
- Ms. Lara Nassar, Jordan
- Mr. Jacob Petersen-Perlman, USA
- Mr. Silvio Javier Pereira Cardenal, Nicaragua
- Mr. Randolph Webb, USA

WHAT'S NEW DURING THIS YEAR'S WORLD WATER WEEK?

The Mingle & Dance is now included in your registration fee!

Don't miss the annual gathering for World Water Week's participants: the Mingle & Dance! This year we invite ALL the participants to an informal and relaxed evening at World Water Week venue – Stockholmsmässan.

CONVENING ORGANISATIONS

2030 WRG	2030 Water Resources Group	CNSS	China Node for Sustainable Sanitation
3GF Secretariat	Global Green Growth Forum Secretariat	The Coca-Cola Company	
7th World Water Forum Secretariat		CONAGUA	National Water Commission, Mexico
A, B, C, D		Conrad N. Hilton Foundation	
A4A	Aqua for All	CRS	Catholic Relief Services
AA	Federal Foreign Office, Germany	CSD Engineers	
ABDIB	Brazilian Association of Infrastructure and Basic Industries	CWC	Columbia Water Center at Columbia University
ADB	Asian Development Bank	Delta Alliance	
adelphi		DFID	Department for International Development, UK
AFD	French Development Agency	DGIS	Directorate-General for International Cooperation, The Netherlands
AfDB	African Development Bank	DHI	
AFEID-ICID	Agence Francaise pour l'Eau, l'Irrigation et le Drainage	DIE	Deutsches Institut für Entwicklungspolitik
Africa AHEAD		DWA	German Association for Water, Wastewater and Waste
Agualimpia-Suizagua		DWFI	Daugherty Water for Food Institute
AGWA	Alliance for Global Water Adaptation	E, F, G, H	
Alstom		Earthwatch	
AMCOW	African Ministers' Council On Water	Eawag	
ANEAS	Asociación Nacional de Empresas de Agua y Saneamiento	EC	European Commission
ANU	Australia's National University	EDF	Electricité de France
ASI	Adam Smith International	eFlowNet	Global Environmental Flows Network
AUC	African Union Commission	EIB	European Investment Bank
AUSA	Association of the U.S. Army	ELI	Environmental Law Institute
AWF	African Water Facility	EPM	Empresas Públicas de Medellín
AWS	Alliance for Water Stewardship	ESA	European Space Agency
BCC	Benguela Current Commission	Eskom	Eskom Holdings SOC Limited
BEF	Bonneville Environmental Foundation	ETH Zürich	Swiss Federal Institute of Technology Zürich
BGR	Federal Institute for Geosciences and Natural Resources, Germany	EU CEWP	China Water Platform European Secretariat
BMUB	Federal Ministry for the Environment, Nature Conservation, Building and Nuclear, Germany	EUWI-AWG	EU Water Initiative – The Africa Working Group
BMZ	Federal Ministry for Economic Cooperation and Development, Germany	EWRI	Environmental and Water Resources Institute
BORDA	Bremen Overseas Research & Development Association	FAO	Food and Agriculture Organization of the United Nations
Botswana DWA	Department of Water Affairs, Botswana	FDFA	Federal Department of Foreign Affairs, Germany
BPD	Building Partnerships for Development in Water and Sanitation and Sanitation and Hygiene Applied Research for Equity	FEMSA Foundation	
BuZa	Ministry of Foreign Affairs, The Netherlands	First Climate Markets AG	
CAALCA	Water Center for Latin America and the Caribbean	Forest Trends	
CAF	Development Bank of Latin America	Fortum	
Cap-Net UNDP		FWF	Finnish Water Forum
CARE	CARE International	FWP	French Water Partnership
CAREC	Regional Environmental Center for Central Asia	GSMA	GSM Association
CEDARE	Center for Environment and Development for the Arab Region and Europe	Gates Foundation	Bill & Melinda Gates Foundation
CEDREN	Centre for Environmental Design of Renewable Energy	GDF SUEZ	
Ceres		GE	General Electric
cewas	International Centre for Water Management Services	German Society for Biogas and Bioenergy	
China CEWP	China Water Platform Chinese Secretariat	German WASH Network	
China Water Risk		GETF	Global Environment and Technology Foundation
CI	Conservation International	GIWEH	Global Institute for Water, Environment and Health
CIRAD	French Agricultural Research Centre for International Development	GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
Circle of Blue		GlashusEtt	
		Government of Hungary	
		Government of the Netherlands	
		GPOBA	Global Partnership on Output-Based Aid

Green Cross International

Group E

Growing Blue

GSF	The Gold Standard Foundation
GTO	German Toilet Organization
GU	Georgetown University
GWC	Global Water Challenge
GWOPA	Global Water Operators' Partnerships Alliance at UN-Habitat
GWP	Global Water Partnership
HKR	Kristianstad University
HSBC	

I, J, K, L

IADB	Inter-American Development Bank
IASS	Institute for Advanced Sustainability Studies
ICA	The Infrastructure Consortium for Africa
ICIMOD	International Centre for Integrated Mountain Development
ICMM	International Council on Mining and Metals
ICPDR	International Commission for the Protection of the Danube River
ICRAF	The World Agroforestry Centre
iDE	International Development Enterprises
IEC	International Energy Centre
IenM	Ministry of Infrastructure and the Environment, The Netherlands
IFAD	International Fund for Agricultural Development
IFRC	International Federation of Red Cross and Red Crescent Societies
IHA	International Hydropower Association
IIASA	International Institute for Applied Systems Analysis
IIED	International Institute for Environment and Development
IISD	International Institute for Sustainable Development
Imperial	Imperial College London
IPIECA	IPIECA – The Global Oil and Gas Industry Association for Environmental and Social Issues
IRC	IRC International Water and Sanitation Centre
IRD	Institut de Recherche pour le Développement
IRENA	International Renewable Energy Agency
ISSA	International Strategic Studies Association
ITAIPIU	Itaipu Binacional
ITC	
ITESM	Tecnológico de Monterrey
IUCN	International Union for Conservation of Nature
IWA	International Water Association
IWC	International Water Centre
IWMI	International Water Management Institute
Jain Irrigation	Jain Irrigation Systems Ltd
JMP	World Health Organization/United Nations Children's Fund Joint Monitoring Programme

JRC	European Commission – Joint Research Centre
Justicia Hidrica	
KAPSARC	King Abdullah Petroleum Studies and Research Center
KAU	University of Karlstad
KfW	KfW Development Bank
KLC	King's College London
KTH	Royal Institute of Technology
KVA	Royal Swedish Academy of Science
K-water	Korea Water Resources Corporation
LI	Lahmeyer International GmbH

M, N, O, P

MAE	French Ministry of Foreign Affairs
MDBA	Murray-Darling Basin Authority
Ministry for Foreign Affairs, Finland	
Ministry of Energy and Water Resources, Republic of Tajikistan	
Ministry of the Environment, Sweden	
Ministry of Environment, Water and Forests, Ivory Coast	
Ministry of Water Resources, China	
Ministry of Water Resources, Republic of Iraq	
MRC	Mekong River Commission for Sustainable Development
MUK	Makerere University
NamWater	Namibia Water Corporation
NDU	National Defense University
Nestlé	
NGS	National Geographic Society
NMBU	Norwegian University of Life Sciences
NRDC	Natural Resources Defense Council
NWP	Netherlands Water Partnership
OECD	Organisation for Economic Cooperation and Development

Oxfam

Pacific Institute

PepsiCo

PHG	The Palestinian Hydrology Group
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PISCES Foundation

Plan International

Q, R, S, T

Quantis	
Rebel	Rebel Group
RIHN	Research Institute for Humanity and Nature
Rockefeller Foundation	
RTI	RTI International
RWSN	Rural Water Supply Network
Sabesp	
SABMiller	
Safe Water Network	
Sandec	
Sanergy	
SDC	Swiss Agency for Development and Cooperation
SE4All	Sustainable Energy for All
SEI	Stockholm Environment Institute

SHARE	Sanitation and Hygiene Applied Research for Equity	UNSGAB	United Nations Secretary General's Advisory Board on Water and Sanitation
Sida	Swedish International Development Cooperation Agency	UNU	United Nations University
SIWI	Stockholm International Water Institute	UNU-EHS	United Nations University Institute for Environment and Human Security
Skat		UNU-FLORES	United Nations University – Institute for Integrated Management of Material Fluxes and of Resources
SLU	Swedish University of Agricultural Sciences	UNU-INWEH	United Nations University-Institute for Water, Environment and Health
Sopas		UN-Water	
SRC	Stockholm Resilience Center	UNW-DPAC	UN-Water Decade Programme on Advocacy and Communication
STWI	Sweden Textile Water Initiative	UNW-DPC	UN-Water Decade Programme on Capacity Development
SUEN	Turkish Water Institute	US Department of State	
SuSana	Sustainable Sanitation Alliance	USAID	United States Agency for International Development
SWA	Sanitation and Water for All	USIP	U.S. Institute of Peace
SwAM	Swedish Agency for Marine and Water Management	USSC	United States Studies Centre at the University of Sydney
Swedish Red Cross		USWP	US Water Partnership
SWH	Swedish Water House	WASTE	
Swiss TPH	Swiss Tropical and Public Health Institute	Water for People	
SWP	Swiss Water Partnership	WaterAid	
TAMU	Texas A&M University	WaterLex	
TED-Lesotho	Technologies for Economic Development	WB	World Bank
The Stimson Center		WBCSD	World Business Council for Sustainable Development
TNC	The Nature Conservancy	VEI	Vitens Evides International
U, V, W, X, Y, Z		Veolia	
UAE	The Abdel Malik Al Saadi University	Wetsus	
UfM	Union for the Mediterranean	WFN	Water Footprint Network
UKZN	University KwaZulu-Natal	WfW	Women for Water Partnership
UMU	University of Umeå	WGF	UNDP Water Governance Facility at SIWI
UN DESA	United Nations Department of Economic and Social Affairs	WHO	World Health Organization
UNC	The Water Institute at University of North Carolina	Wilson Center	Woodrow Wilson Center International Center for Scholars
UNDP	United Nations Development Programme	WIN	Water Integrity Network
UNDP GAIN	UNDP Global Anti-corruption Initiative	WLE	CGIAR Research Program on Water, Land and Ecosystems led by IWMI
UNECE	United Nations Economic Commission for Europe	WRC	Water Research Commission
UNEP	United Nations Environment Programme	WRI	World Resources Institute
UNEP-DHI	UNEP-DHI Centre for Water and Environment	WSP	Water and Sanitation Program
UNESCO	United Nations Educational, Scientific and Cultural Organization	WSSCC	Water Supply and Sanitation Collaborative Council
UNESCO-IHE	UNESCO – Institute for Water Education	WULCA	
UNESCO-IHP	UNESCO International Hydrological Programme	WUR	Wageningen University
UNFCCC	United Nations Framework Convention on Climate Change	WWAP	World Water Assessment Programme
UNGC CEO Water Mandate	United Nations Global Compact CEO Water Mandate	WWC	World Water Council
UN-Habitat	United Nations Human Settlements Programme	WWF	World Wide Fund for Nature
UNICEF	United Nations Children's Fund	WWFKNC	The National Committee for the 2015 World Water Forum Korea
UNIDO	United Nations Industrial Development Organization	WYN	Water Youth Network
UNIGE	Université de Genève	XMU	Xiamen University
UNIOESTE	Universidade Estadual do Oeste do Paraná	Xylem	
University of Dundee			
UNOSD	United Nations Office for Sustainable Development		

SUNDAY

August 31

MORNING

SEMINARS	CONVENORS	CO-CONVENORS
Does Water Footprint Assessment Enhance Sustainable Management of River Basins?	WFN	WWF and Agualimpia-Suizagua
UN-Water Event: Water and Energy: Expounding on the 2014 World Water Development Report	WWAP	–
Water Quality, Energy, and Climate Change	Pacific Institute	UNEP
Securing Water, Energy, Sanitation and Livelihoods through Consensus: How Community Health Clubs Work	Africa AHEAD	SEI

LUNCH

SIDE EVENTS	CONVENORS	CO-CONVENORS
Global Monitoring of WaSH: A 2014 Update	UNICEF and WHO	–
Destination Daegu-Gyeongbuk: 7th World Water Forum	7th World Water Forum Secretariat	WWC
Action, Innovation and Learning for Managing Land, Rivers, Coasts and Seas	SIWI	UNDP, UNEP, UNEP-DHI, GWP, SEI, Delta Alliance, XMU and BCC
Water Security Partnerships for People Growth and the Environment	2030 WRG	–



EVENT DESCRIPTIONS AND RELATED RESOURCES

Use our online programme to browse the events and to plan your own schedule. Please visit **www.worldwaterweek.org**.

SEMINARS	CONVENORS	CO-CONVENORS
Tackling Tradeoffs between Water and Energy across Sectors and Scales	SWP	Sandec, SDC, CSD Engineers, iDE, Skat, GIWEH, Cewas, Nestlé, Sopas, IWMI, Ministry of Water Resources of the Republic of Iraq, UNIGE, Group E and ETH Zürich
Energy Investments and Infrastructure Providing Benefits across the Nexus	IUCN and IWA	GIZ, UNECE, WRI, EDF and US Department of State
EU Water Initiative Multi-stakeholder Forum	EC	SIWI
The Malin Falkenmark Seminar: Managing Centres of Booming Water Expectations in Basins and Regions of Change	SEI, SIWI and SRC	–
How the Two Global Water Conventions Support Transboundary Water Cooperation?	UNECE	University of Dundee, FWF, Government of Hungary, Government of the Netherlands, Green Cross International, IUCN, Ministry for Foreign Affairs, Finland, MAE, Ministry of Environment, Water and Forests, Ivory Coast, SIWI, UNEP-DHI, UNESCO and WWF
The Next Big Paradigm Shift: From Linear to Circular Economy, the Water-Energy-Resources Nexus	Veolia	Growing Blue and WBCSD

SIDE EVENTS	CONVENORS	CO-CONVENORS
Water-Energy Nexus Capacity Development: Assessing Needs and Exploring Innovative Approaches	Cap-Net UNDP	IIASA and SE4All
Post 2015-Target on “Universal access to Drinking Water” – What Water Quality?	GIZ, BMZ and UNSGAB	JMP
Energy and Resource-Efficient Water Treatment: What Future for Nanotechnologies?	UNESCO-IHP	UNIDO
Designing Integrated Urban Sanitation Projects: Guidance Document Launch	EIB	AFD, KfW and WSP

OPENING PLENARY

September 1

The Opening Plenary of 2014 World Water Week in Stockholm will welcome its guests and inspire delegates to discuss issues related to the theme of Energy and Water and their inextricable link. It will encourage the participants to reflect upon the importance of identifying and implementing

solutions to meet the challenge of supplying sustainable energy to all without overexposing our limited water resources.

Introductory and welcome addresses will set the scene followed by keynote speeches by global leaders.

SPEAKERS



Ms. Karin Lexén
Director
World Water Week,
International Processes and Prizes
Stockholm International Water Institute



Dr. Jim Yong Kim
President
World Bank
(TBC)



Mr. Torgny Holmgren
Executive Director
Stockholm International Water Institute



Dr. Kandeh Yumkella
Special Representative of the UN
Secretary-General & CEO
Sustainable Energy For All Initiative



Ms. Hillevi Engström
Minister for International
Development Cooperation
Ministry for Foreign Affairs



Ms. Amina J Mohammed
UN Secretary-General's Special Adviser on
Post-2015 Development Planning



Mr. Sten Nordin
Mayor of Stockholm



Ms. Julia Marton-Lefèvre
Director General
International Union for Conservation
of Nature

Photo: Laurent Villeret



Dr. John Briscoe
2014 Stockholm Water Prize Laureate

WORLD
in Stockholm,
August 31-September 5, 2014
WATER
WEEK

MONDAY

September 1

SIDE EVENTS	CONVENORS	CO-CONVENORS	LUNCH
A New Model of Public and Corporate Engagement in Flow Restoration	NGS and BEF	TNC	
A Participatory Approach to Water Management: A Case from the Arab Region	IUCN	PHG, CEDARE and UAE	
The Swedish Water Law Reform: Reassessing Hydro-power, Securing Energy and Environmental Concerns	SWH	SIWI, SwAM, WWF and Ministry of the Environment, Sweden	
Water & Energy Nexus: Managing Human Right to Water-Related Risks	WaterLex	–	
Innovation at the Water/Food Nexus – Securing Water for Food Awardees	USAID, Sida and BuZa	–	

SEMINARS	CONVENORS	CO-CONVENORS	AFTERNOON
Managing Water Variability and Competing Demands in Complex River Basins	ASI, MDBA and SIWI	MRC	
Irrigation Subsidies: How to Turn from the Overuse of Water and Energy to Sustainability?	BGR and IISD	KfW	
Producing Electricity with Less Water – New Perspectives for Renewables in a Water-Constrained World	IASS	IWMI, BMUB, IRENA, WB and SUEN	
Public Private Cooperation: The Key for Water and Energy Management	2030 WRG, 3GF Secretariat, SIWI and DHI	Jain Irrigation and Eskom	
MENA Nexus Seminar – Regional Cooperation for Sharing Solutions	GWOPA, SEI and SIWI	adelphi, GIZ, FAO, KAPSARC, TAMU and UfM	
Water and Energy: Getting the Priorities Right for Smallholder Farmers	CARE and IUCN	CRS and IIED	
Partnerships for Achieving Energy-Water-Food-Nature Balance at the Basin Scale	TNC	NGS, WWF and SABMiller	
New Approaches to Wastewater and Water Resource Management Monitoring in the Post-2015 Era	UN-Water, UNEP, UN-Habitat and WHO	SDC	EVENING
Framing the Water-Energy Nexus Within the Post-2015 Development Agenda – Scenarios, Targets, Indicators and Data Needs	SE4All, IIASA and SIWI	–	

SIDE EVENTS	CONVENORS	CO-CONVENORS	EVENING
Innovations in Sustainability for Water and Sanitation Services	SWA	DFID, IRC, RWSN, UNICEF, USAID, WSP, WSSCC, DGIS, UNC and WaterAid	
Transformation through Collaboration – How Can Partnerships Maximise Impact?	HSBC	Earthwatch, WaterAid and WWF	
Gender Disaggregated Indicators for Water Monitoring Assessment and Reporting	WWAP	AMCOW, SIWI, WfW and WRC	
Nature-Based Solutions for Water and Energy	Forest Trends	GSF	
The Global Dialogue on Water Security and Sustainable Growth	GWP	–	

TUESDAY

September 2

MORNING

SEMINARS	CONVENORS	CO-CONVENORS
Water and Shale Energy Development: Risks and Future Implications for Society	WRI	SIWI, BUZa, GE and Ceres
Gender and Water: An Untapped Connection?	WRC	UNESCO-IHP, GWP and AMCOW
The Water-Energy Nexus in Latin America: Understanding the Upstream and Downstream Systems	FEMSA Foundation, TNC, CAF and CONAGUA	ITESM, The Coca-Cola Company, WB, WWF, EPM, ITAIPU and Sabesp
Water and Energy in Global Climate Policy: How to Increase Coherence and Ensure Effectiveness?	SIWI	AFD, AGWA, CI, EDF, FWP, GDF SUEZ, GWP, MAE, IenM, OECD and UNECE
Beyond Asset Management – Sector Analysis and Partnerships for Sustainable Service Delivery in WASH	WGF and UNICEF	WSP, DFID and DGIS
Sanitation Business Models for Safe Resource Recovery and Reuse (RRR)	GIZ, IWMI, SDC and WHO	BORDA, BPD, cewas, Eawag, ETH Zürich, GTO, Sanergy, SEI, SuSanA, Swiss TPH, Water for People and WBCSD
Improving the Impacts and Effectiveness of Corporate Water Stewardship Partnerships	UNGC CEO Water Mandate, AWS, GIZ, WIN and WBCSD	–
Africa Focus: Growing the Link between Water and Energy for Development	AMCOW and AUC	AfDB, AWF, EUWI-AWG and GWP

LUNCH

SIDE EVENTS	CONVENORS	CO-CONVENORS
A Triple Win: Creating Financial Value for Water Through Nexus Application in the Textile Industry	STWI	–
Are You Still Pouring Your Post-2015 Water Investments Down the Drain?	USAID and WaterAid	Plan International
A Look at How Businesses in Latin America are Addressing the Energy-Water Nexus through Innovation and Spreading of Best Practices	FEMSA Foundation and WWF	–
Solar Water Systems in Rural Africa: Understanding the Economics	Safe Water Network and Conrad N. Hilton Foundation	–
What Do We Know about WASH and Nutrition Linkages to Reduce Child Mortality?	UNICEF and USAID	WHO
Africa Focus: Growing the Link between Water and Energy for Development	AMCOW and AUC	AfDB, AWF, EUWI-AWG and GWP



EVENT DESCRIPTIONS AND RELATED RESOURCES

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SEMINARS	CONVENORS	CO-CONVENORS
FAILfaire – Learning from #Fails in Water and Energy	SIWI	–
The Water-Energy Nexus in the Context of Green Growth	K-water, WWFKNK and WWC	ADB, IUCN, OECD and WB
Energy and Water Efficiency from the National to the Community Level in the Americas	FEMSA Foundation, IADB, TNC and CONAGUA	WWF
Lessons and Resources: the Energy-Water Nexus in the U.S	US Department of State, GWC, NRDC and USWP	PISCES Foundation and GETF
Addressing Equity in the Water, Sanitation and Hygiene Sector	SHARE	WaterAid, IIED and UNICEF
The Power of Flows: Negotiating Sustainable Hydropower through Environmental Flows	KAU, KTH, SEI, SwAM, SLU, RTI, UMU, Itaipu Binacional, UNIOESTE, IUCN, eFlowNet, SIWI, AGWA, UNESCO-IHE, TNC and WWF	–
Sanitation – A Liquid Asset Stream?	SIWI	WBCSD
Africa Focus: Building Climate Resilience for Water and Energy Infrastructure	AMCOW	AfDB, AWF, GWP and ICA

SIDE EVENTS	CONVENORS	CO-CONVENORS
Achieving Good Practice in Water Management over the Life of Oil and Gas Operations	IPIECA	–
Science and Technology Perspectives for the Energy-Water Nexus in Latin America	FEMSA Foundation, ITESM, CAALCA and CONAGUA	JRC and Imperial
Managing Climate Risk in Corporate Value Chains: Columbia Water Center and PepsiCo	PepsiCo	CWC
How did Asian Tigers Improve their Sanitation Coverage so Quickly?	WaterAid	–
Africa Focus: High Level Ministerial Panel	AMCOW and AUC	–

TUESDAY WORKSHOPS

September 2

Entwined Predicaments: Limits Facing Water and Energy

Water and energy are inextricably linked, facing mutual and sometimes compounding limitations due to environmental, technological, and socio-economic changes. However, these resources are often addressed in silos – water only as a resource for energy production or energy production's adverse effects on water resources. Missing is an adequate appreciation of their synergistic impacts, of how policies and practices in both areas can deny or facilitate their sustainable management. Energy and water technologies already facing such problems of inter-limitations need to share both their challenges and successes on a common platform. A reciprocal encounter of shared learning dialogue between energy and water managers and researchers should highlight policy lessons and technological advances to generate insights on how coherence can be achieved in practice. This dialogue would be of immense value to the North and South, to governments and communities in varied socio-ecological settings striving towards a sustainable future.

This workshop will focus on innovative thinking, successful cases, and avoided pitfalls across the water-energy nexus. Areas to be addressed include: water and energy footprints; iconic water and energy technologies with entwined conflicts (hydropower, shale gas, desalination); policy and management bridges between the two sectors; and sustainable ways forward.

Convenor: SIWI

Co-convenors: WB, SE4All and IRENA

Water, Energy, Food and Ecosystems Security

Water is needed for power generation, oil and gas production, food production and ecosystem functions. Increasing demands for energy, water and food represent risks to the public and private sectors and ecosystems but also drive innovation in new technologies and partnerships. Solutions for water, energy and food security, and for ecosystem functions, need to work in concert, for green growth.

The demand for energy and water varies in the food value chain with most of the total water use in production. Conversely, only about 20 per cent of total energy use is for agricultural production. Historically, ecosystem conservation has been viewed as a constraint on food production, yet ecosystem services are vital for food production and contribute to regulating flows and improve water quality. Hence, green growth solutions can play a role in resource stewardship, increased productivity and ecosystem resilience.

The workshop presentations will demonstrate that increased production, value and resilience can be realised by the right mix of land, water and energy inputs in the food value chain, power generation, oil and gas production and ecosystem management. Implications for policies, investments in technologies and ecosystem services will be discussed.

Convenor: SIWI

Co-convenors: DWFI, BMUB and IUCN

Sustainable Hydropower – The Search for Common Ground

This workshop, primarily about competing discourses on hydropower, will examine how its sustainable development can be assured through a constructive engagement among contending views. Hydropower is promoted as a 'clean' energy thanks to its renewable nature and to its ability to regulate not only the river flow, but also the seasonal or intermittent energy produced by biomass, wind and solar. Additionally, storage reservoirs often serve multiple and conflicting uses – flood control, low flow enhancement and irrigation, fisheries, inland navigation and tourism. Despite these benefits, hydropower also carries another socio-environmental history that local communities are increasingly alert to. These contradictory views are championed by varied interests where conflicts are articulated in the dichotomies of "North" vs "South", "large" vs "small", "urban" vs "rural", "development" vs "environment", "centralised" vs "decentralised", "technical" vs "social", "local" vs "global", "low" vs "high" risks etc. Transboundary aspects often add the spice of nationalism to the brew.

The workshop will explore appropriateness of prevalent tools and forums for new ways of engagement between water and power managers with both innovators in the market and critics from the socio-environmental arena. Issues include: multi-purpose storage; benefit sharing between/within countries; power versus non-power and socio-environmental concerns; global and local initiatives.

Convenor: SIWI

Co-convenors: WWF, IHA and EDF

WEDNESDAY WORKSHOPS

September 3

Water, Energy and Urban Development: The Potential for Integrated Approaches

Urban areas are the growth engines of society; hugely impacting on and critically dependent upon energy and water resources. Residents, industry and service sectors all depend upon reliable energy and water supplies, where urban areas around the world still face great challenges in equitably distributing services and efficiently optimising infrastructure and ways to reuse, recycle and minimise waste of resources. Imagination, creativity, and leadership are needed to develop repurposed or new integrated water and energy systems. The development of sustainable urban systems also requires community engagement, education, and participatory design, as the urban environment is produced jointly by the leadership and the inhabitants of the city.

This workshop reflects upon integrated planning, sustainable water and energy use and innovative solutions for urban infrastructure. It takes a multi-disciplinary approach to urban systems and water and energy interactions, and asks questions about how to work in order to achieve greater urban sustainability.

This workshop includes a field visit; where the eco-friendly neighbourhood of Hammarby Sjöstad in Stockholm demonstrates integrated planning and jointly developed solutions to water, energy and waste. The morning sessions of the workshop will be held at World Water Week venue and the afternoon sessions at Hammarby Sjöstad.

Convenor: SIWI

Co-convenors: Un-Habitat, GlashusEtt and UNOSD

Mitigation and Adaptation Measures for Climate Change: How to Converge over Energy and Water

How do we effectively co-manage energy and water resources under a changing climate? Energy production and use accounts for almost 70 percent of greenhouse gas emissions. Water is embedded in most forms of energy generation, while energy is essential for water extraction, distribution and treatment. As many climate adaptation approaches focus on water management strategies, climate mitigation and adaptation measures have the potential to conflict over water. Can they also cooperate and synergise?

Climate change mitigation and adaptation involves actors that so far have found little reason to interact – yet water is the medium that connects them. There is a need for better coherence in policies and practices to address both mitigation of climate change and adaptation to its impacts. Understanding the interactions between energy and water and the drivers for policy choices within these sectors will lead toward integrated strategies for decision-making and action to address climate change.

This workshop will investigate how to coherently balance climate change mitigation and adaptation strategies through the interface of energy and water. Key issues will be highlighted over science, policy and business opportunities. The workshop will culminate with a roundtable discussion among different actors to chart the way forward.

Convenor: SIWI

Co-convenors: AGWA, WBCSD and UNFCCC

Integrated Water and Energy Policy and Governance

Coordinating energy and water policy is crucial for promoting sustainable development and effectively addressing trade-offs between the two sectors. Successful governance mechanisms seek to align water and energy policies and provide priorities for planning and investment in each sector. Furthermore, they frame the participation of citizens and regulate public sector, businesses, and markets. Despite the connections between the two sectors, energy and water planners routinely make decisions that impact one another without adequately understanding the asymmetry and complexities of the two sectors. Misaligned policies often lead to sub-optimal planning and regulation. Integrated Water Resources Management has promoted coordination of allocation of water across users, but energy and water management remains fragmented. New planning realities need to be considered; including resource boundaries, global warming, competitive markets but also innovative technologies in both sectors. These new realities cannot be properly addressed when energy and water planning is carried out in isolation.

We will explore tools and institutions that incentivise coordinated water and energy management including: multiregional output approaches, targeted investment, and long-term planning. Regional examples including fracking, desalination, and hydropower will show successfully deployed approaches that account for trade-offs. We will explore how to enable policy implementation and to encourage stakeholder participation.

Convenor: SIWI

Co-convenors: IUCN, GWP and Ministry of Energy and Water Resources, Republic of Tajikistan

WEDNESDAY

September 3

MORNING

SEMINARS	CONVENORS	CO-CONVENORS
Corporate Water Stewardship: Leveraging Collective Action in the Agricultural Supply Chain	UNGC CEO Water Mandate	–
Energy and Water – A Producers Perspective	Fortum, SIWI and SWH	–
Eye on Asia: Vitality High & Energy Low – Critical Challenges for East Asia	ADB	DGIS, FAO, ICIMOD, SIWI, SDC, ICRAF, UNESCO-IHP, WRI and WWF
Streamlining Strategies for Humanitarian Aid in the WASH Sector	German WASH Network and AA	FDFA, SWA, SuSanA and UNICEF
Young Professionals Shaping the Post 2015-Agenda	SIWI	WYN
Output-Based Aid in Water and Energy Projects	GPOBA and WB	–
Global Choke Point: On the Front Lines of the Water-Food-Energy Crisis	Circle of Blue	Wilson Center
World Water Day 2015 – Water and Sustainable Development	UN-Water	UNDP, UN DESA, UN-Habitat, UNEP and UNESCO

LUNCH

SIDE EVENTS	CONVENORS	CO-CONVENORS
Water Benefit Certificates – Mobilising Capital for Sustainable Water Projects	SDC, GSF and First Climate Markets AG	–
Eye on Asia: India's Power for Irrigation Challenge	ADB	DGIS, FAO, ICIMOD, SIWI, SDC, ICRAF, UNESCO-IHP, WRI and WWF
Water Stewardship and Mining	ICMM	–
Water Diplomacy: Harnessing Foreign Policy for Conflict Prevention and Regional Integration	adelphi and SIWI	The Stimson Center and AA



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SEMINARS	CONVENORS	CO-CONVENORS
From Idea to Success: The Way of the Entrepreneurs	SIWI	–
Eye on Asia: Water For Everyone – Critical Upstream-Downstream and Intersectoral Challenges in Water Resource Management	ADB and UNESCO-IHP	DGIS, FAO, ICIMOD, SIWI, SDC, ICRAF, WRI and WWF
Water Linkages to Coal Fired Energy Production: Shaping the Water and Energy Future	BGR and WRI	China Water Risk, HSBC and ADB
Exploring the Added-Value of the Water-Energy-Food Nexus	FAO	SIWI
From Faecal Sludge to Fuel: Safe Sanitation with Business Opportunities	Eawag and Sandec	Gates Foundation, DWA, German Society for Biogas and Bioenergy, GTO, HKR, NMBU, UKZN, BORDA, CNSS, GIZ, DWA, NWP, SEI, SuSanA, TED-Lesotho, WB, MUK and WSP
Bridging Water and Energy Service Delivery with Mobiles and Information Technology	GSMA and IRC	–
Integrating Water Priorities and Perspectives in the Americas	ANEAS and CONAGUA	WWC, GWP, CAF, EWRI and ABDIB
UN-Water Stakeholder Dialogue: The Water-Energy-Food-Nexus and the Post-2015 Development Agenda	UN-Water	BMZ, BMUB, GIZ, UNW-DPC, WWAP, UNW-DPAC, UNU and UNIDO
Transboundary Water Cooperation: Implementing Benefit Sharing and Nexus-based Arrangements	IUCN	ELI, KCL, SIWI, UNECE and WB

SIDE EVENTS	CONVENORS	CO-CONVENORS
Energy and Water Use Efficiency: Key to Cope with Climate Change	CAREC	GIZ
Combining Water Footprint and Water Risk for Improved Water Stewardship	GDF SUEZ	WRI, WULCA and Quantis
Competing Water Claims: Indigenous People, Mining and Hydraulic Infrastructure Development	SIWI	Justicia Hidrica
Water-Energy Strategies in Critical, But Threatened, River Basins	USWP, USIP and AUSA	UN-INWEH, NDU, GU, ISSA and The Stimson Center
The Water-Food-Energy Nexus: Insights into Resilient Development	WWF	SABMiller

YOUNG PROFESSIONALS' DAY

September 3

The 2014 World Water Week in Stockholm features an entire day of activities aimed at those at the start of their careers. During the Young Professional's Day, which will take place on September 3, we will open the doors to young professionals between 16 and 35 years old who will get free access to the Young Professionals activities:

- Young Professionals Shaping the Post 2015-Agenda
- From Idea to Success: The Way of the Entrepreneurs
- Guided Tours of the Exhibition
- Ideas Marketplace in the exhibition
- Stockholm Junior Water Prize Award Ceremony (limited tickets, pre-registration required)

We will be working towards arranging more activities throughout the spring.

For more information about the Young Professional's Day please contact Ingrid Stangberg at ingrid.stangberg@siwi.org or visit www.worldwaterweek.org



Photo: Mikael Ullén

Ideas' Marketplace: Call for Ideas and Projects

The Ideas' Marketplace will be a space dedicated to ideas and projects seeking funding and/or partnerships and it will provide you with an opportunity to discuss your ideas, projects and future ventures with the wide range of delegates attending World Water Week in Stockholm.

If you are interested in exhibiting at the Ideas' Marketplace, you need to send your proposal by May 31, 2014. The Ideas' Marketplace will be placed at the Exhibition area from 31 August until 4 September.

Exhibiting at the Ideas' Marketplace cost 1,000 SEK (approx. 110 EUR).

Included in the fee is:

- One Exhibitor badge to attended World Water Week (incl. lunches and coffee)
- A table on which to display project information
- Possibility of displaying a roll-up banner

We welcome applications for the **Ideas' Marketplace** now!
The deadline is **May 31**. For more information please contact Cajsa Larsson at cajsa.larsson@siwi.org

IDEAS' 
MARKETPLACE

THURSDAY WORKSHOPS

September 4



More information on the WORKSHOPS is available on www.worldwater-week.org. There you will find the programme including speakers and posters.



POSTERS

The discussions and presentations of the workshops are complemented by a poster exhibition. Each of the posters will be displayed electronically on interactive screens in the exhibition area on the day previous to the workshop. Take the chance to talk to the presenters during the poster sessions Monday-Wednesday.

Valuation, Economics and Finance

The workshop responds to the strong financial case to integrate the planning of water and energy and design and implement joint investments, as energy utilities face shut downs for periods due to scarcity of water, low flows and/or increasing water temperatures. The current challenges require the energy sector to address the complex hydrological aspects. The workshop also responds to the solid economic case for integrating water and energy generating an array of benefits to society by increasing welfare, reducing poverty and sharing prosperity. Integrated investment planning poses challenges but generates demonstrated financial and economic returns. The business community is paying increasing attention to valuation of energy and water resources which goes beyond pricing as it promotes good stewardship and leads to improved efficiency and productivity. Internalising valuation can improve the business operations, limit wasteful practices and inform management decisions.

The workshop will cover the following:

1) proper incorporation of water pricing and valuation in energy planning and its implication on the electricity mix, 2) the business case for valuation, 3) the case for economic analysis to inform decision makers on the benefits of integrated water and energy planning, 4) financial analysis to determine potential impact on revenues of water scarcity, 5) how trade-offs are communicated; and 6) the benefits of production and relationship to externalities generated.

Convenor: SIWI

Co-convenors: WB, Alstom and Rockefeller Foundation

Access, Poverty and the Post-2015 Development Agenda

Managing the interconnected pressures on water resources for energy and food will be one of the biggest challenges in an increasingly dynamic and uncertain future.

The Sustainable Development Goals (SDGs) should address water and provide a holistic vision for balancing different pressures. A dedicated SDG on water will need to approach issues from systems wide perspective and focus on the societal demands and inter-linkages between food production, energy, drinking water and sanitation. It will also have to address issues related to water variability and resilience.

The purpose of this session is to explore and debate the feasibility of novel approaches being proposed to use and allocate energy, water and food equitably and efficiently, within existing ecological constraints, in the Post-2015 development agenda. This session will further highlight and discuss the need for integrated thinking within water, energy and food across all relevant SDGs as a prerequisite to meeting future challenges.

Using an interactive approach, this workshop will explore the role of energy and water for poverty reduction through green and inclusive growth; it will propose new ways to raise the profile of integrated approaches in the Post-2015 development agenda and finally it will suggest relevant energy, water and food indicators to monitor progress on SDGs.

Convenor: SIWI

Co-convenors: GWP, WLE and SEI

MORNING AND AFTERNOON

THURSDAY

September 4

MORNING

SEMINARS	CONVENORS	CO-CONVENORS
Assessing the Advantages of Sectoral Anti-Corruption Approaches in Harmony with IWRM	WGF and WIN	Cap-Net UNDP and UNDP GAIN
Debate: Building Capacities of Water Sectors in Transition – Lessons from Southern Africa	SIWI	NamWater and Botswana DWA
EU-China Water Platform: Driving Innovation, Partnerships and Dialogue	EU CEWP	China CEWP, Ministry of Water Resources, China and SIWI
Human-Environmental Security in the Asia-Pacific Ring of Fire: Water-Energy-Food NEXUS	RIHN	UNU-EHS
Strengthening Resilience through Water and Energy Efficiency in Irrigation	GIZ	UNESCO-IHE
Building Effective Regulatory Frameworks for Hydropower: Lessons from Water Governance	IIED and IUCN	IHA
Climate-Informed Decision Support Tools for Sustainable Water Management	AGWA and WB	CI, SIWI, RTI and IADB
Stockholm Water Prize Seminar: The Power of Water	SIWI	KVA

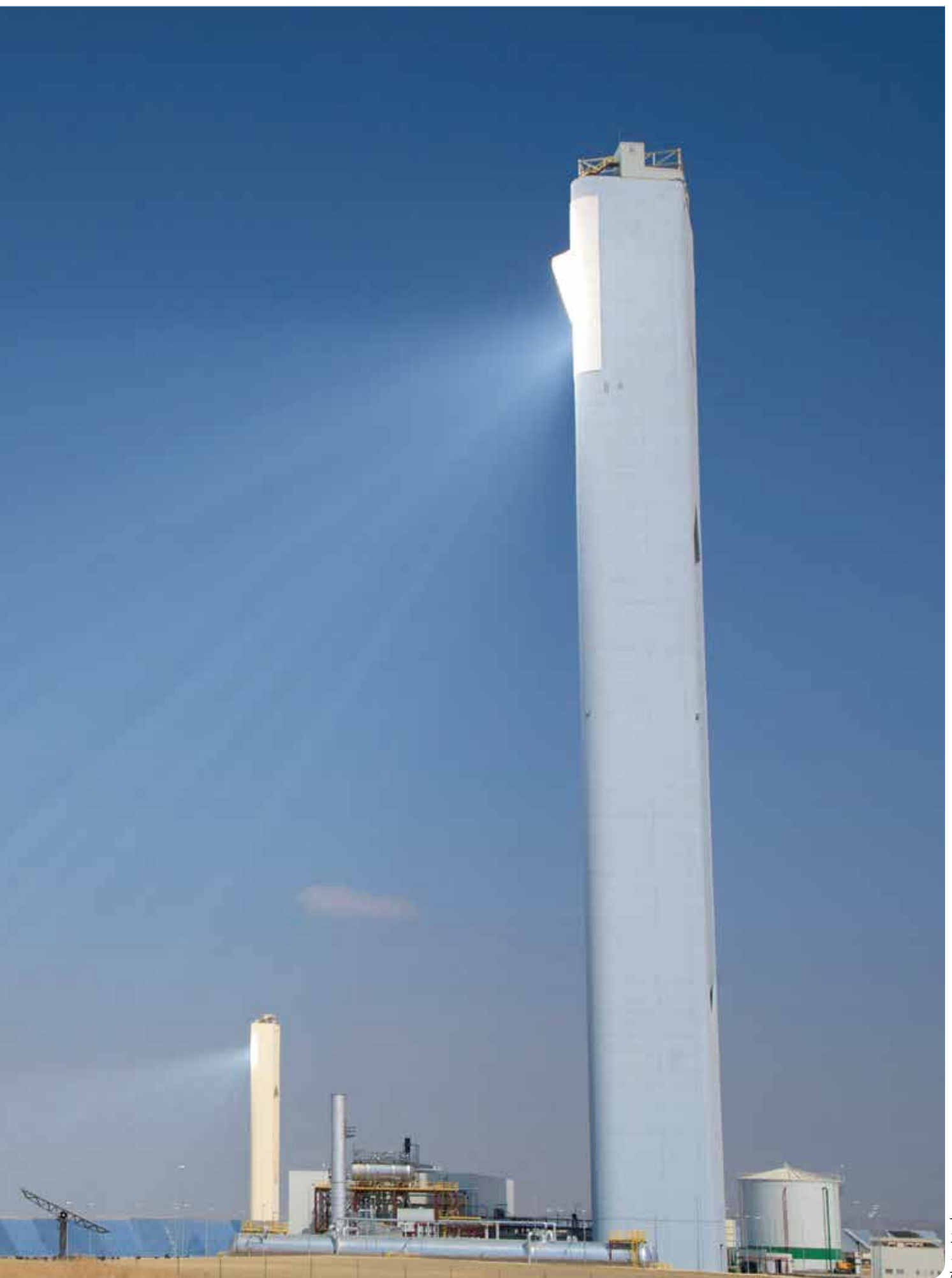
LUNCH

SIDE EVENTS	CONVENORS	CO-CONVENORS
The Nexus: Water, Energy, Food and Climate Change	UNC	–
Six Years On: A Success Story of Corporate and NGO Collaboration	Water For People and Xylem	–
Climate, Energy, Food and Water: Managing the Linkages	ANU and USSC	–

AFTERNOON

SEMINARS	CONVENORS	CO-CONVENORS
Earth Observations (EO) in Support of Sustainable Water Management	ESA and Cap-Net UNDP	ITC
Designing our Water-Energy Future – Challenges, Opportunities and Capacities Needed	IWC	IEC, VEI, A4A, Wetsus, NWP and Rebel
Hydropower in Transboundary River Basins: Private Investments and Regional Cross-Sector Cooperation	GIZ, DIE, ICPDR, MRC and UNECE	–
Putting Drip Irrigation in Perspective: Reality Check on the Promises of a Technology	WUR, IRD and CIRAD	FAO, IFAD, AFEID-ICID and iDE
Innovations for More Food with Less Water and Less Energy	LI	ADB, FAO, WB and IWMI
Water as Energy Storage for Better Integration of Renewables	CEDREN	IHA and UNU-FLORES
New Concepts and Technologies for Sanitation in Emergency Settings	IFRC	Oxfam, WASTE, SuSanA and Swedish Red Cross





CLOSING PLENARY

September 5

The aim of the Closing Session is to report on and summarise a week of constructive dialogues, and joint achievements. The closing plenary will also present keynote speakers who will offer insights into the challenges of supplying sustainable energy to all without overexposing out limited water resources. The session will also introduce and bridge over to the theme of 2015 World Water Week; Water and Development. This theme obviously overlap with the 2014 World Water Week theme as water resources and energy are two main cornerstones of sustainable growth, inclusive development and poverty reduction.

In the Closing Session, the conference delegates will in engaging, interactive discussions get the first hand essence

captured by the World Water Week Rapporteur teams that have followed the week at close range. The rapporteurs will present the latest developments, best cross-sectorial solutions and identify efficient and sustainable energy and water action. An additional scientific synthesis will be presented through a summary of the abstracts submitted to the workshops.

The Scientific Programme Committee, organising the workshops of World Water Week, will present the award for Best Workshop Poster in the Closing Session, and the WASH Media Awards Ceremony will honour journalists who have contributed to raising awareness on water and sanitation, with awards presented in six categories.

SPEAKERS



Ms. Maria van der Hoeven

Executive Director
International Energy Agency



Ms. Christiana Figueres

Executive Director
United Nations Framework Convention
on Climate Change
(TBC)



Mr. Jean-Michel Severino

General Inspector of Finances
French Ministry of Finances

PRESENTERS



Mr. Torgny Holmgren

Executive Director
Stockholm International Water Institute



Dr. Robert Bos

Representative
Scientific Programme Committee
of the World Water Week

MODERATORS



Ms. Karin Lexén

Director
World Water Week,
International Processes and Prizes
Stockholm International Water Institute



Dr. Torkil Jønych Clausen

Chair
Scientific Programme Committee
of the World Water Week

WORLD
in Stockholm,
August 31-September 5, 2014
WATER
WEEK

FIELD VISITS

Water, Energy and Urban Development: The Potential for Integrated Approaches – The Real Case of Hammarby Sjöstad

WEDNESDAY AFTERNOON

This visit will build on the morning session of the workshop with the same title. It will present a real case study of an integrated approach in water, energy and urban development. By visiting Stockholm's icon for sustainable urban development, Hammarby Sjöstad, you will be able to listen to and see past successes and failures within environment, water, energy and waste management.

Hosted by: GlashusEtt

Please note that there are a limited number of tickets. Priority will be given to participants of the morning sessions of the Workshop.

Transportation and refreshments included

Visit the Most Spectacular Outdoor Wastewater System in Sweden – The Wetland Alhagen in Nynäshamn

FRIDAY AFTERNOON

Join us and experience the spectacular wetland in Alhagen, Nynäshamn. The wetland is part of the municipal wastewater treatment plant and a recreation site for about 20,000 residents. Learn more about how this low cost, natural treatment system, contributes to beautiful sceneries, biodiversity and an excellent water quality to the Baltic Sea.

Hosted by: Swedish International Agricultural Network Initiative, SEI, Water Revival System and Nynäshamn Municipality

Price: 450 SEK

Transportation, lunch box and refreshments included

Closing the Loop – Creating Energy from Waste

FRIDAY AFTERNOON

Visit Henriksdal wastewater treatment plant, one of the largest underground treatment plants in Europe. Come witness the clear link between water and energy as wastewater from the greater Stockholm area is turned into refined biogas. The biogas is used as fuel for the busses throughout Stockholm.

Hosted by: Stockholm Vatten AB (Stockholm Water Company)

Price: 400 SEK

Transportation and refreshments included

PRIZES AND AWARDS

STOCKHOLM WATER PRIZE

Stockholm Water Prize is the world's most prestigious annual prize to honour outstanding achievements in water-related activities. The prize is awarded to visionary individuals and organisations whose accomplishments contribute to conserving and protecting the world's water resources, and improving the health of inhabitants and ecosystems.

The 2014 Stockholm Water Prize will be awarded to Professor John Briscoe on Thursday September 4 in the Stockholm City Hall during a Royal Award Ceremony. H.M. King Carl XVI Gustaf of Sweden will present the prize.

Participants will also have the chance to learn more about Professor Briscoe's work in the Laureate Lecture during the Opening Plenary and during the Stockholm Water Prize seminar.



"Prof. John Briscoe has combined world-class research with policy implementation and practice to improve the development and management of water resources as well as access to safe drinking water and sanitation."

The Stockholm Water Prize Committee

AWARD CEREMONY AND ROYAL BANQUET

THURSDAY, SEPTEMBER 4

Time • 16:30

Price • 3,000 SEK

Contact • katarina.andrzejewska@siwi.org

Venue • City Hall

Dress code: Black Tie

STOCKHOLM INDUSTRY WATER AWARD

Stockholm Industry Water Award honours the business sector contributions to sustainable water management. The award recognises companies and business organisations that demonstrate devoted water stewardship and exceptional achievements.

The award seeks to encourage activities that advances the world's water situation and lay the ground for increased sustainability. These activities can include rationalising water usage in production processes, developing new products and management strategies, as well as implementing innovative approaches in water and wastewater management.

AWARD CEREMONY

TUESDAY, SEPTEMBER 2

Time • 14:30

Price • Included in the registration fee

Venue • Stockholmsmässan



NOMINATE FOR THE 2015 STOCKHOLM WATER PRIZE

Deadline is September 25, 2014.

Nominate on www.siwi.org/prizes/stockholmwaterprize



NOMINATE FOR THE 2015 STOCKHOLM INDUSTRY WATER AWARD

Deadline is November 15, 2014.

Nominate on www.siwi.org/prizes/stockholmindustry-wateraward

STOCKHOLM JUNIOR WATER PRIZE

For the 18th year since its inception, Stockholm Junior Water Prize will bring together some of the world's brightest young minds in the Swedish capital. 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. The competition aims to encourage young people's interest in water and the environment, and is open to students who have conducted water-related projects and are aged between 15 and 20. The winner is announced and awarded during the World Water Week in Stockholm. H.R.H. Crown Princess Victoria of Sweden is the Patron of the Stockholm Junior Water Prize.

AWARD CEREMONY

WEDNESDAY, SEPTEMBER 3

Time • 18:30

Price • Included in the registration fee (limited tickets, pre-registration required)

Venue • Grand Hôtel

BEST POSTER AWARD

An important part of the World Water Week workshops is the digital poster exhibition, where abstracts are presented in poster format. The most informative, innovative and well-designed poster is honoured with the "Best Poster Award". A jury selects the best poster based on news value, efficiency on conveying the message, scientific content and design.

AWARD CEREMONY

FRIDAY, SEPTEMBER 5

Time • Closing Plenary

Price • Included in the registration fee

Venue • Stockholmsmässan

WASH MEDIA AWARD

WASH Media Awards recognise and support the crucial role of media in raising awareness of the importance of water, sanitation, and hygiene services. It aims to promote coverage of WASH issues in the local, national and international media to have a positive influence on decision-makers, the private sector, the civil society as well as individuals and households. The WASH Media Awards Ceremony will present awards in six categories during the Closing Plenary. Launched in 2002 by Water Supply and Sanitation Collaborative Council (WSSCC), WASH Media Award is presented in collaboration with the Stockholm International Water Institute (SIWI).

AWARD CEREMONY

FRIDAY, SEPTEMBER 5

Time • Closing Plenary

Price • Included in the registration fee

Venue • Stockholmsmässan



**GET INVOLVED IN THE
2015 STOCKHOLM
JUNIOR WATER PRIZE**

More information on
[www.siwi.org/prizes/
stockholmjuniorwaterprize](http://www.siwi.org/prizes/stockholmjuniorwaterprize)

REGISTRATION INFORMATION

ONLINE REGISTRATION

Registration to World Water Week is required for all participants, including speakers and invited participants. To register please visit www.worldwaterweek.org. The registration for the various field visits and social events will be confirmed upon payment on a "first come – first served" basis. Please note that World Water Week registration is open to adults only. Children are not allowed to enter the venue, even if accompanied by an adult.

INCLUDED IN THE FEE

The full week fee entitles you to:

- Admittance to the World Water Week
- Welcome Reception at the City Hall (pre-registration is required)
- Mingle & Dance at the Conference Venue (pre-registration is required)
- Stockholm Industry Water Award Ceremony
- Daily lunch (organic)
- Daily coffee/tea breaks (Fairtrade)
- Public transportation card (within city limits)
- Conference bag and conference materials
- Water bottle

Payment should be submitted together with the online registration form. Please see registration fees below or visit our website for further details and registration form.

ORGANISERS

The 2014 World Water Week in Stockholm is hosted and organised by SIWI. The Professional Conference Organizer (PCO) is MCI AB.

VENUE

World Water Week will be held at Stockholmsmässan in Älvsjö, which is located approximately 10 minutes by car and public transport from the centre of Stockholm.

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.

The venue address is:

Stockholmsmässan
Mässvägen 1, SE-125 80, Älvsjö, Sweden

Phone: +46 8 749 41 00 | www.stockholmsmassan.se

VISA INFORMATION

Participants requiring a visa for entry to Sweden are advised to make their application in their home country at least two months before the intended date of travel. Please contact your nearest Swedish/Schengen Embassy, or Consulate or your travel agency for more information. Those who do not fly directly to Sweden should note that you may need a transit visa for some countries in order to continue your travel to Sweden. If a letter of invitation and proof of insurance is needed for the visa application, MCI can send this upon request after you have registered for the World Water Week and the payment for the registration fee, insurance (through ERV) and hotel costs has been received. The letter of invitation does not represent a commitment on the part of the Organisers to provide financial support. The deadline to request an invitation letter for use in seeking a visa is July 25, 2014.

For a list of Swedish Embassies and Consulates, please visit: www.sweden.gov.se/sb/d/5358/a/97684



REGISTRATION FEES

*SEK 100 = approx. 11 EUR/15 USD as of April 22, 2014.
SEK fee same for 2011, 2012 and 2013.*

Early bird (April 15-June 30, 2014)

- ▶ Full week fee 6,000 SEK (approx. 660 EUR)
- ▶ One day fee 1,500 SEK (approx. 164 EUR)

Online fee (July 1-August 30, 2014)

- ▶ Full week fee 7,000 (approx. 767 EUR)
- ▶ One day fee 1,800 (approx. 197 EUR)

On site (August 31-September 5, 2014)

- ▶ Full week fee 8,000 SEK (approx. 877 EUR)
- ▶ One day fee 2,100 SEK (approx. 230 EUR)

Student

- ▶ Full week fee 1,800 SEK (approx. 197 EUR)
- ▶ One day fee 600 SEK (approx. 66 EUR)

SOCIAL EVENTS

SUNDAY EVENING

Under the Bridges of Stockholm

See Stockholm from the water. This sightseeing boat tour will take you under fifteen bridges and passes through two of the locks connecting the Baltic Sea with the lake Mälaren. Passing the Old Town, the island of Södermalm, Lilla and Stora Essingen, the new Hammarby Sjöstad and the green areas of Djurgården – you will get a feel for the islands making Stockholm such a beauty on water. A truly memorable tour!

Time: 19:00

Price: 300 SEK

Dress code: Comfortable clothing

Transportation to Strömkajen included. The boat trip ends at Strömkajen.

MONDAY EVENING

The City of Stockholm Welcome Reception

The President of the Stockholm City Council, Mrs. Margareta Björk, is pleased to host an opening reception for all World Water Week participants. Meet your colleagues in Stockholm's beautiful City Hall, with its imposing facades and interior in National Romantic style. The event is hosted by the City of Stockholm.

Time: 19:30-21:30

Price: Included in the registration fee

Venue: Stockholm City Hall

Dress code: Business casual

TUESDAY EVENING

Mingle & Dance at Stockholmsmässan

You are cordially welcome to attend the informal, relaxed but very important gathering for World Water Week's participants: the Mingle & Dance! This year the Mingle & Dance will be available for all registered participants at no extra cost and arranged at the World Water Week's venue – Stockholmsmässan. Light dinner, entertainment, dance floor, bar and a great atmosphere will be provided.

Time: 19:00-00:00

Price: Included in the registration fee

Venue: Stockholmsmässan

Dress code: Smart casual

THURSDAY EVENING

Stockholm Water Prize Ceremony & Royal Banquet

The Stockholm Water Prize Award Ceremony will be held in the beautiful Stockholm City Hall. The Swedish King Carl XVI Gustaf is the patron of the prize and will personally present it during the Ceremony. The following Royal Banquet will bring together about 700 highly esteemed guests. The Royal Couple's presence, the exclusive entertainment and the beautiful interiors of the Stockholm City Hall contribute to make this event glamorous and unforgettable.

Time: 16:30-00:00

Price: 3,000 SEK

Venue: Stockholm City Hall

Dress code: Black tie

THURSDAY EVENING

An evening at Aquaria Water Museum

We welcome you to a fantastic evening at Aquaria Water Museum. This event will take you on a unique and fascinating journey through humid rainforests, tropical oceans, rivers and the Baltic Sea where you will follow the water from source to sea. After the tour you have the opportunity to mingle in the museum's restaurant, enjoying both delicious Swedish specialties and a stunning view of Stockholm.

Time: 18:30-21:00

Price: 420 SEK

Venue: Aquaria Water Museum

Dress code: Casual

World Water Week Supporters



World Water Week Sponsors

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With thanks to

 **retap**

H&M



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