

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **WWWeek At Home Opening: Ministerial Panel**

Monday 24 August / 14:00-14:45

Stockholm International Water Institute

Welcome to the Opening Ministerial Panel of World Water Week at Home 2020!

Against the backdrop of the Covid-19 crisis and recovery, it is even more crucial to work together to build an inclusive and resilient future through water by charting transformative pathways to protect people, the planet, and prosperity. We must continue to address the nexus between water and climate change - especially as countries enter the implementation phase of the Paris Climate Agreement.

The purpose of this conversation among Ministers is to discuss effective strategies and insights into the urgent need for climate action in relation to the importance of re-valuing water.

Speakers:

- H.E. Isabella Lövin, Minister for the Environment and Climate and Deputy Prime Minister, Government of Sweden
- H.E. Lindiwe Sisulu, Minister of Human Settlements, Water, and Sanitation, Government of South Africa

Via video recording:

- President Macky Sall, Republic of Senegal
- H.E. Cora van Nieuwenhuizen, Minister of Infrastructure and Water Management, Government of the Netherlands

https://siwi.zoom.us/webinar/register/WN_gHR333xWQZiTB3AAipi21g

- **Freshwater for Food and Nutrition Security in SIDS**

Monday 24 August / 11:00-11:45

Food and Agriculture Organization of the United Nations | Vrije Universiteit Amsterdam

The remotely located Small Island Developing States (SIDS) face a raft of challenges to sustain their Food Security. SIDS fragilities come to the fore during the Covid-19 pandemic when transport lines are blocked, tourist revenues drop to nil and expected remittances are delayed. Islands' resilience is tested in the coming decades when extreme weather events might create great difficulties. Self-sufficiency in healthy foods is widely advocated by international organizations and SIDS governments. Yet, timely delivery of fresh water for crop cultivation cannot be taken for granted. In a multidisciplinary study FAO and the Vrije Universiteit Amsterdam, answer the question 'How can fresh water management serve Food and Nutrition Security on SIDS?' An empirical reconnaissance contextualized the study objective while a water governance component capitalized on lessons learned. A synthesis of findings constitutes the basis for a road map on water governance that ensures FNS for SIDS.

- Moderator: welcoming and opening the session (3 min)
- Keynote speaker – presenting FAO forthcoming report titled “Sustainable management and Use of Fresh Water Resources for Food Security and Nutrition in Small Island Developing States” (15 min Dr Ben Sonneveld and Dr Amani Alfarrar)
- 'SIDS and cities - two sides of the same circular economy coin' by Robert Brears research and the founder of 'Our Future Water' (5min)

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Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

(3 panelists from each SIDS region) each answer one of the main questions of the event in two rounds (10 min):

- Can the lessons learned on water management from individual islands be expanded to other SIDS countries?
- Does the proximity of actors in bounded SIDS landscapes benefit the involvement of relevant stakeholders in increasing water use efficiency?
- How can the international community support SIDS to cope with climate change?
- How can agricultural water management on the SIDS contribute to an improved FNS situation?
- What important elements should be involved in a Road Map for improved water use efficiency on SIDS?

Panelist consist of a representative of one Island from each region (AIMS, Caribbean and Pacific)
Presenters and Panelists exchange with the audience questions (max. 2-3 min's each) (7min)
Moderator closing with a key message (5 min)

• Potential of decentralized solutions to address climate change

Monday 24 August | 12:00-12:45

1001 Fontaines | Aqua for All | Danone | GSM Association | The Stone Family Foundation | Untapped | Water4

The session will showcase how decentralized Safe Water Enterprise (SWE) business models, through their inherent flexibility, modularity, sustainability, and resiliency, are important solutions to ensuring safe water for all in the face of climate change.

Just four percent of total multilateral climate funding goes to the water sector, despite the fact that water is the main vehicle through which communities adapt. The event seeks to shift this status quo and engage potential climate funders and stakeholders in supporting innovative water supply projects by highlighting the climate benefits and opportunities inherent to decentralized Safe Water Enterprises (SWEs).

The event will kick off with findings from a SWE climate study (sponsored by key stakeholders in the space, including Danone Communities and Aqua For All), with a focus on quantitative and qualitative data that highlights the dimensions by which SWE models showcase climate change mitigation, including the energy used to extract and treat water, the use of carbon credits, and the waste produced by SWEs (including plastics). The presentation of findings will be bolstered by 2-3 concrete business examples.

The session will culminate in a panel, featuring key funders and enablers – ranging from those already active in the space to those only starting to explore decentralized models. The panel will discuss the potential these stakeholders see in SWEs and what additional data and evidence they would need to commit further capital to scale this solution.

• Water diplomacy, a tool for climate action?

Monday 24 August | 13:00-13:45

adelphi | IHE Delft Institute for Water Education

In this event, experts from the diplomacy, development, security, climate change and water communities will discuss the conditions under which specific diplomatic tools can be used by riparian and non-riparian countries to shape regional cooperation to address climate, ad other security and development challenges, such as migration.

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

Many transboundary water basins around the world are facing climate-related challenges that will intensify in the decades to come, potentially contributing to insecurity and fragility. Adaptation will be important for ensuring sustainable development and political stability; in turn, these are preconditions for countries to be able to adapt to a changing climate while meeting their Paris and Agenda 2030 goals. Water diplomacy can help prevent and resolve current and potential conflicts over water resources. However, a comprehensive understanding of the conditions under which specific diplomatic tools have been successfully used to this end – and how they can address broader development and security challenges - is missing.

This session will discuss under what conditions water diplomacy can contribute to broader regional cooperation beyond water. After an introductory keynote, it will feature a panel discussion bringing together experts from the water, climate change and diplomacy and security communities to discuss how diplomatic tools can be used to advance climate and security goals, with examples from the Central Asian region and the Mekong basin. Other members of the audience will be encouraged to share their views and experiences.

Welcome remarks: Beatrice Mosello, adelphi

Introduction: “Emerging trends in water diplomacy” – Susanne Schmeier, IHE Delft

Panel discussion: “How has water diplomacy been used to advance climate and security goals?”

Moderation: Beatrice Mosello, adelphi

Speakers:

- Aaron Salzberg, University of North Carolina
- Anoulak Kittikhoun, Mekong River Commission
- Dinara Ziganshina, Scientific Information Centre, Interstate Commission for Water Coordination in Central Asia
- Aaron Wolf, Oregon State University

Q&A

Concluding Remarks: Aaron Wolf, Oregon State University

• How to finance climate change adaptation in transboundary basins?

Monday 24 August | 15:00-15:45

African Development Bank | Government of the Netherlands | Inter-American Development Bank | International Network of Basin Organizations | Switzerland Government | United Nations Economic Commission for Europe

Many transboundary basins struggle in accessing funds for climate change adaptation. The showcase will illustrate through recommendations, approaches and good practices how to access such funds. It will also demonstrate how legal and institutional frameworks for cooperation, such as the Water Convention and River Basin Organizations, can facilitate climate investments.

Transboundary cooperation in climate change adaptation in shared basins is crucial for promoting resilience and sustainable development and preventing conflicts. However, countries and river basin organizations often face difficulties in accessing financial resources for transboundary adaptation.

The showcase will illustrate how some of the basins developed successfully climate change projects at the transboundary level in recent years and received financing from climate and other funds, such as the Niger and Volta basins. In some of them, innovative approaches such as blue peace bonds and pooled funding from several donors were applied or are currently being tested. Conditions and enabling factors will be analysed, such as partnerships between different transboundary, national, international and financial actors as well as strong legal and institutional frameworks at basin level. In this regard, the role of the Water Convention, basin agreements and river basin organizations will be analysed. Financial institutions such as multilateral development banks and climate funds will also contribute to the showcase by explaining their requirements for bankable projects proposals.

The audience will be encouraged to ask questions to the basins and international financial institutions.

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Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **Adapt our World: climate adaptation through water action**

Monday 24 August | 16:00-16:45

Global Center on Adaptation | Government of the Netherlands | World Bank Group | World Resources Institute

Water is the solutions broker and the entry point for all climate adaptation possibilities; from nature based solutions and resilient cities to agriculture and energy. Water is an enabler. How can we convey within the water sector and to other sectors that water and all themes are inextricably linked? The goal of the WAT is to accelerate and scale up climate adaptation using water and the water sector as an essential enabler and connector to safeguard a sustainable and resilient future for all everywhere. What should the role of the GCA's Water Action Track be? And what can partners in and outside the water sector offer?

The impacts of climate change are integrally connected to water systems and resources. Water is to adaptation what energy is to mitigation. Extreme weather events, including droughts and floods, are becoming more frequent and more severe and will negatively affect human development, as will increasing water scarcity and deteriorating water quality. Growing water risks threaten food security, economic growth, and urban development. Global security is also at risk, as increasing competition for water sparks conflict and migration. Vulnerable populations are impacted the hardest. The GCA reemphasizes that water is key to climate adaption in a holistic and all-encompassing manner.

Water is the solutions broker and the entry point for all climate adaptation possibilities; from nature based solutions and resilient cities to agriculture and energy. Water is an enabler. How can we convey within the water sector and to other sectors that water and all themes are inextricably linked? What should the role of the GCA's Water Action Track (WAT) be? And what can partners inside and outside the water sector offer?

The WAT team will explain the link between water and climate adaptation, will update you on its work, and actively engage participants on next steps.

Introduction WAT (10 min)

- What are we doing? What are the plans? (ia workplan and CoP)
- What is our added value? What validates our existence?
- Goal of this meeting: where do YOU think our added value is? And how can you contribute to that?

Questions and discussion round. (15 min)

- What can you contribute? What do we need to do to create/confirm our added value?

Pledges and commitments (15 min)

- Pledges of some parties to contribute to WAT and CoP in a certain way. What can YOU do?

Conclusion and thank you (5 min)

- Summary of commitments and pledges
- Arousing end message

Monday 24 August 2020

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **WW4D - Finance and Governance**

Tuesday 25 August / 10:15-15:30

Caritas | Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Directorate-General for International Cooperation, The Netherlands | End Water Poverty | FundiFix | IRC | Lusaka Water and Sewerage Company | Sanitation and Water for All | UDUMA | University of Oxford | Uptime | Water For Good | Water Integrity Network | Water Mission | Whave | World Bank Group

10:00 - 10:15 Recap Day 1 & Daily Agenda Overview

10:15 - 11:45 Understanding the political economy and costs of development finance for water infrastructure

GIZ, Dutch Directorate-General for International Cooperation (DGIS)

11:45 - 12:40 Whodunnit? Tracking down and learning from smooth financial & technical cooperation cases

GIZ, International Water and Sanitation Centre (IRC), Sanitation and Water for All (SWA)

12:45 - 13:55 Subsidies viewed through an equity lens – rethink & reform

GIZ, World Bank, Lusaka Water and Sanitation Company

14:00 - 14:55 WASH needs funding, funding needs innovation -Highlights from Uganda: Innovative financing mechanisms for urban sanitation

GIZ, Caritas-Hewasa Fort Portal

15:00 - 15:45 Governments, Pay Your Water Bills!

Water Integrity Network (WIN), End Water Poverty (EWP), Eastern and Southern African Water and Sanitation Regulators Association (ESAWAS)

15:45 - 16:30 Results-based Contracts for Rural Water Services

GIZ, Uptime Consortium (Fundifix, Water for Good, Water Mission, UDUMA, Whave, Oxford University)

- **Water Resources Protection with Knowledge and Monitoring: Niger River case**

Tuesday 25 August / 10:00-10:45

Antea Group

This showcase is about the four years technical assistance of ANTEA France to the Ministry of Energy and Water in Mali – National Department of Hydraulic in the framework of the KfW financed project “Protection of the Niger River: Support to knowledge and monitoring of water resources”.

With an area of 727 0033 km², the Malian part of the Niger River watershed covers all the regions in Mali, one part of the Kayes region and, stretching up to the border limits with Guinea, Ivory Coast in the south, Burkina Faso in the East and south, Niger in the East and Algeria in the North.

Considerable efforts have been invested in data acquisition of surface and groundwater during the last years, but without reaching efficient water resources management. The project was therefore designed for a period of 4 years to strengthen the water resources monitoring network and support the National Hydraulic Department upgrading tools and methods that will allow better consideration of water resources, protection, and efficient management. One key aspect of this intervention is building methodology adapted to cover a large area with a challenging context of security. This includes innovative investigation and diagnosis methodology to have the necessary information for upgrading the water resources knowledge and monitoring system.

The technical assistance is organized over 3 phases:

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Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- Phase 1: Diagnosis studies and preparation of tender documents.
- Phase 2: Installation of the water monitoring stations.
- Phase 3: Operation of observation stations and water management.

Programme

How to improve water monitoring systems.

Groundwater and surface water resources.

How to increase human resources capabilities and upgrade their knowledge.

Tools for efficient water resources management.

• **Building Resilient WASH systems in Fragile Contexts: This Decade's Challenge**

Tuesday 25 August | 11:00-11:45

Conrad N. Hilton Foundation | IRC | The Netherlands Red Cross | Water For Good

Both humanitarian and development actors strive to provide crucial water, sanitation, and hygiene (WASH) services to save lives and improve livelihoods. Historically, they have done so playing to their strengths, but often with limited collaboration. In the face of increased climate volatility, competing demands for depleting resources, and now a global health crisis—the complexity and interconnected nature of our challenges calls for a more integrated approach.

[Register here for the event!](#)

This free interactive SIWI WWWeek At Home session aims to identify opportunities for synergies and collaboration to bridge the divide between humanitarian and development worlds.

Challenges, opportunities and lessons learned will be shared on how WASH systems strengthening is already evolving in fragile contexts.

The case study of the Central African Republic shows how systems strengthening is happening in a place of chronic fragility, while the example of Burkina Faso illustrates how the resilience of existing systems are being put to the test in the wake of extreme violence and regional instability. Finally, the case from the Somali Region in Ethiopia illuminates the struggles and insights gained from a humanitarian perspective.

Presenters:

- Roel Blesgraaf, the Netherlands Red Cross
- Selam Seje, the Netherlands Red Cross
- David de Armeij, Water for Good
- Arnauld Adjagodo, IRC Burkina Faso

Moderator:

- Evita Rozenberg, IRC

It's time for the humanitarian and development sectors to work better together and build the resilient national and local systems that can provide services to all, in the face of any crisis. For now, and into the future.

• **The Internet of Water – Intelligent Water Management System**

Tuesday 25 August | 12:00-12:45

Antea Group | Enabel | Join For Water | VITO

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

The new generation of water management tools is building on the Internet of Things - innovations in sensor technology, big data and artificial intelligence. This session brings together frontrunners and young thinkers from the South to learn from existing initiatives across the globe and to explore possibilities for uptake in the South.

Programme

12:00 **Welcome and Short Introduction** (*Antea Group*)

12:05 **Testimonials from the South :**

12:05 **Digital Data – Digital Water Monitoring and decision support tool -**

Enabel (Belgium) and Directorate for Water Research and Planning (Morocco)

12:12 **Digitalisation of water management: Potential opportunities in India**

Mr Anshuman – Associate Director of the Water Resources Division at The Energy and Resources Institute (TERI)

12:19 **The future of community based drinking water management: exploring digital water tapping,**

George Bwambale (Join For Water)

12:26 **Presentation of Panellists** (*Antea Group, Enabel, Join for Water, VITO*)

12:35 **Panel discussion: “The Internet of Water”- Main Challenges and Ways to Tackle Them**

12:45 **End of session**

• **Water and politics for climate impact**

Tuesday 25 August | 12:00-12:45

Both ENDS | South Africa Department of Water and Sanitation | World Meteorological Organization | World Resources Institute

All life on earth relies on sufficient and clean water. Floods, droughts, and pollution aggravated by rapid urbanization, loss of aquatic ecosystems, growing demand for food and energy, migration, and climate change lead to ever more complex interactions and trade-offs. The novel pandemic has reinforced the importance of water security. Climate change and global pandemics are disastrously interlinked and both hit the most vulnerable people, reinforcing existing inequalities. Improving resilience to climate change and pandemics is key to achieving a sustainable recovery. Through its knowledge and ways of working, the water community can help drive the necessary changes to address these water challenges and enable to achieve all the SDGs, the Paris Agreement, and other internationally-agreed frameworks. Yet, water practitioners often merely view themselves as implementers. This seminar will focus on clear, actionable examples of the role the water community can play to help the world achieve the 2030 Agenda and Paris Agreement with COVID-19 response.

WHY IS WATER POLITICAL? Conveners and invited speakers will make pitches—highlighting practical examples, assessments, and reflections—answering the questions: Why politics—and political decision making—matters for water and climate change action/impact? What are the most effective triggers of change? How can politicians and the water community together make water the catalyst to sustain the climate and achieve the SDGs in the post-COVID recovery, while addressing other issues such as human rights and migration?

WHAT CAN YOU DO? The audience can participate in the discussion and interact with session speakers asking questions and sharing their input/feedback before and during the session.

WHAT WILL WE DO THE COMING YEAR? The session will present the overview of the fall/autumn sessions and WWWeek 2021.

WATER ELECTIONS, THE WATER PARLIAMENT, and the WATER CABINET in action at WWWeek 2021: We will introduce three dynamic political sessions drawing on parallels from democratic processes: 1) Water Elections; 2) Water Parliament in Session; and 3) The Climate Crisis Strikes the Water Cabinet!

This overview is supported by



Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

The OUTCOMES of the session will be lots of good ideas about how the water sector can work with political leaders to address climate change now.

1. Setting the Scene (12:00-12:15)

- Introduction: Mr. Henk Ovink, the Special Envoy for International Water Affairs to the Kingdom of the Netherlands (anchor) and Mr. Jon Lane
- Questions to the audience
- Pitches:
 1. TBD, Youth Activist
 2. TBD, Scientist/Academic
 3. TBD, Political leader
- Audience participation

2. Sneak Peek of WWWeek 2021 (12:15-12:35)

- Overview of the Seminar: Mr. Henk Ovink, the Special Envoy for International Water Affairs to the Kingdom of the Netherlands
- Introduction to the 3 Sessions:
 - Session 1: Water election, Mr. Giacomo Galli, Both Ends
 - Session 2: Water Parliament, Mr. Roberto Silva Vara, World Meteorological Organization (WMO) and Ms. Betsy Otto, World Resources Institute (WRI)
 - Session 3: Water Cabinet, Ms. Nchedi Moripe, The Ministry of Human Settlements, Water and Sanitation, South Africa
- Audience participation: Q&A

3. Outreach & Communications (12:35-12:45)

- Overview of outreach and communication plans
- Audience participation: Q&A
- Conclusion and Wrap & up

• **Convergence of sanitation and climate crises: Disruptive actions and solutions**

Tuesday 25 August | 12:00-12:45

SNV Netherlands Development Organisation | UK Department of International Development | United Nations Children's Fund | University of Bristol | University of Leeds | University of Technology Sydney | Water Supply and Sanitation Collaborative Council | WaterAid | World Health Organization

Sanitation and climate change represent critical crises of our time. Poor progress on sanitation requires a step-change, made harder with climate change. This virtual event shares evidence and practical solutions to disrupt the status quo, unlock climate finance and achieve climate resilient inclusive sanitation services that reduce emissions and increase adaptation. [Register here!](#)

Sanitation and climate change are critical crises of our time. Both rural and urban sanitation lag, with 112 countries off-track to meet the Sustainable Development Goals. Evidence on sanitation's influence on adaptation and emissions is starting to emerge, with results that need our attention. Meanwhile, National Determined Contributions (NDCs) to the Paris Agreement and National Adaptation Plans commonly overlook climate-resilient sanitation.

This event draws on latest evidence, policy and practice, from leading scientists, development agencies and implementers. Based on cases across Bangladesh, Ethiopia, Indonesia, Nepal, Uganda and Zambia the event will showcase why and how countries can integrate mitigation and adaptation interventions and use climate finance.

Through a framing presentation, facilitated break-out sessions and panel commentary, the event will support evidence-to-policy links in the following areas:

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Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- Using emissions data for mitigation
 - Accessing climate financing
 - Using climate science
 - Adaptations to build resilience
 - Protecting health
-

- **Action for Change: Practical Lessons in Valuing Water**

Tuesday 25 August / 13:00-13:45

Government of the Netherlands

The Valuing Water Initiative promotes better decisions impacting water through the UN Valuing Water Principles. In this session, leading companies who actively value water in their activities will share their insights into what this can mean in practice. An expert panel will help identify key learnings from the showcases.

VWI is a follow-up to the UN High-Level Panel on Water which defined five Valuing Water Principles for understanding, managing and valuing water better. A key part of VWI's mission is to bring together forward-thinking organisations who commit to applying the Valuing Water Principles in practice and sharing their learnings with others.

These frontrunners are united by the common goal of making better decisions impacting water. In this session, three companies will share their insights and experiences of applying the Valuing Water Principles in their decision-making processes and activities.

Each company will pitch their own perspective on valuing water and how they integrate it into their operations. Follow-up questions from an expert panel will then help identify key learnings that are applicable across sectors and industries. Participants will be encouraged to learn from the insights of the showcase presenters and to commit to joining the growing valuing water community by applying the Principles in their own operations.

13:00-13:05 Introduction and short initial poll to participants about valuing water by corporates

13:10-13:45

- Short pitch presentations by three corporates in different sectors on how they value water
- Short questions by the valuing water experts panel after each presentation to ascertain if water was truly valued in the example provided
- New poll to participants about valuing water, after presentations made and results analysis in comparison with initial poll results

Panelists:

- Henk Ovink, Special Envoy for International Water Affairs, Kingdom of The Netherlands; Sherpa to the UN/WB High Level Panel on Water (tbc)
 - Representative from the Global Water Partnership (tbc)
-

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **Stockholm Junior Water Prize 2020**

Tuesday 25 August / 14:00-14:45

Stockholm International Water Institute

The winners of the Stockholm Junior Water Prize 2020 will be announced during this royal award ceremony. The Prize's Patron, H.R.H. Crown Princess Victoria of Sweden, will present the Prize to the winning team.

Each year, the [Stockholm Junior Water Prize](#) celebrates young scientists from all around the world who have designed new innovative solutions to the Earth's increasing water challenges.

This year, in spite of the corona pandemic, 29 countries succeeded in organizing national competitions. Each of the national finalists vie for the title Stockholm Junior Water Prize champion 2020, are the champions of their national competitions and have been selected as winners from thousands of entries for their outstanding work.

This year we are proud to host the 24th annual competition and celebrate the winners of national competitions from the following countries:

Australia, Bangladesh, Belarus, Bolivia, Brazil, Chile, China, Ecuador, Hungary, Israel, Italy, Japan, Laos, Malaysia, Mexico, The Netherlands, Nigeria, Republic of Korea, Russian Federation, Singapore, Spain, Sri Lanka, Sweden, Switzerland, Thailand, Turkey, Ukraine, United Kingdom and United States of America.

You can check out their project descriptions and videos on the participants' own web page [WaterTank](#).

View the ceremony here: <https://www.facebook.com/SIWIwater/>

See the Dutch SJWP contribution here <https://vimeo.com/433945481>

Tuesday 25 August 2020

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **Sinking, shrinking, saltier deltas; How to deal with these issues?**

Wednesday 26 August | 10:00-10:45

Delta Alliance | Deltares | Global Center on Adaptation | World Wide Fund for Nature

Many populous delta's world-wide experience increased anthropogenic-induced pressures: accelerating land subsidence sinking deltas up to an order of magnitude faster than climate change-driven sea-level rise, salinization of surface water and groundwater, channel deepening and erosion. Solutions lie in sustainable management of groundwater and sediment within deltas and at basin scale.

REGISTER FOR THE SESSION USING THIS LINK: <https://attendee.gotowebinar.com/register/1672800697461360656>

Worldwide over 500 million people live in low-lying deltas, which are important regions for food production and biodiversity. Climate change creates ongoing environmental change, however in many urbanized deltas this effect is currently dwarfed by anthropogenic pressures, predominantly the overexploitation of groundwater and sand. As a result, many major deltas rapidly sink and shrink because of accelerated land subsidence and erosion rates. This increases vulnerability to floods and storms, increases salinization and reduces freshwater availability, leading to loss in biodiversity, habitat degradation, reduced agricultural and economic productivity. Ultimately this may lead to permanent inundation, land loss and massive out-migration. A key to the solutions lies in proper groundwater and sediment management within deltas and at basin scale.

This session aims to facilitate a state-of-the-art knowledge exchange on sinking, shrinking and salinizing deltas and highlight recent advances in approaches and numerical tools to develop effective sustainable groundwater and sediment management strategies. The upscaling and collaborate action potential will be explored to support integrated decision-making in deltas worldwide.

PRE-REGISTER USING THIS LINK: <https://attendee.gotowebinar.com/register/1672800697461360656>

09:55 - Start online event – Welcome

Otto de Keizer (Head of Groundwater Management department, Deltares)

10:00 - Introduction

Kim van Nieuwaal (Director, Delta Alliance)

10:05 - Surface water challenges – Sediment starvation and Salinization

Upstream reservoir dams and unsustainable sand mining drastically decrease sediment delivery to deltas. This causes wide-spread erosion and channel deepening leading to increased salt water intrusion

Marc Goichot, (Freshwater Lead Asian Pacific/Technical Lead Resilient Asian Deltas, WWF)

10:15 - Groundwater challenges – Subsidence and Salinization

Unsustainable overexploitation of groundwater reserves drives unprecedented rates of land subsidence, dwarfing climate change-induced sea-level rise, and leads to widespread salinization

Gualbert Oude Essink (Senior Expert, Deltares) & Philip Minderhoud (Researcher, Padova University/Deltares)

10:30 - Panel reflection

Reflection 1: Henk Ovink (Dutch Special Envoy for International Water Affairs)

Reflection 2: Le Thu Thi Nguyen (Environmental Economist, World Bank)

10:45 - End of online event

For more information or questions: please contact eva.schoonderwoerd@deltares.nl

Wednesday 26 August 2020

* This document will be updated regularly. For the latest information check www.worldwaterweek.org

This overview is supported by



Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **WW4D - Nexus, IWRM and Biodiversity**

Wednesday 26 August / 10:15-16:30

Alliance for Water Stewardship | Deltares | Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Global Water Partnership | IHE Delft Institute for Water Education | United Nations Economic Commission for Europe | World Resources Institute

Join us for a virtual five-day conference hosted by the German development cooperation, which takes place in collaborative partnership with SIWI, featured by WWWeek@Home. Five thematic days will tackle a multitude of water issues from COVID-19 to climate change. In more than 25 diverse sessions, GIZ collaborates with more than 60 convenors to present and discuss recent findings, publications as well as best practices from the field.

Visit www.everydrop-counts.org for information. Registration opens in early August - stay tuned!

10:15 -10:30 Recap Day 2 & Daily Agenda Overview

10:30 - 11:30 Cities and their Watersheds - Towards integrated urban water resilience

GIZ, World Resources Institute (WRI), Global Water Partnership (GWP)

11:30 - 12:15 Integrating IWRM and EbA for climate-resilient water management (Thailand & Nile Basin)

GIZ, Thai Ministry of Natural Resources and Environment, Nile Basin Initiative

12:15 - 13:00 From Aquatic species to Zoonotic diseases – Significance of Fresh Water Biodiversity

GIZ, One Health (tbc), IGB (tbc), UN Decade Ambassador for Biodiversity

13:00 - 14:00 How water stewardship enables sustainable growth Evidences and case-studies

GIZ, Alliance for Water Stewardship (AWS)

14:00 - 15:30 Water-Energy Strategic Planning: Opportunities for climate action?

GIZ, Deltares, UN Economic Commission for Europe (UNECE)

15:30 - 17:00 Water, food and energy Nexus as resources for peace

GIZ, IHE Delft

The urban population is growing steadily. Increasing water demand for consumption competes with industries, food production and energy generation, while people in marginalized urban and rural areas lack basic access. This poses enormous challenges to good water governance in the global south. The third day of the Week on Water for Development discusses IWRM and Water Stewardship, Water-Food-Energy Nexus and Ecosystem-based approaches as strategies to take care of water sustainably and in a climate-resilient manner. Six diverse sessions address not only challenges, but also opportunities for risk reduction using (fresh)water as a resource for adaptation, mitigation, biodiversity, human well-being as well as for peace in conflict-settings. Numerous examples from the field will inform about strategies and opportunities in water management.

- **NEWAVE: Innovative Training Network for water governance paradigm shifts**

Wednesday 26 August / 11:00-11:45

NEWAVE Next Water Governance | Vrije Universiteit Amsterdam

This session presents NEWAVE's research ambitions, its training programme and network, and it is primarily targeted to researchers in the field of water governance, water practitioners and policy makers. The central focus of this session on the training and educational frontiers of water governance as a science-policy field.

Participants are invited to join a conversation on what should be the main water governance training and educational priorities in our field and how these combine with NEWAVE's objectives. An interactive discussion led by NEWAVE researchers will stimulate critical, innovative, and trans-disciplinary thinking over water governance approaches and training, and pave the way for future collaborations.

A digital poll will be used to collect answers to crucial questions (e.g. what are the skills that future water leaders should have; which innovative training methods can provide these skills; etc). The received answers will be discussed by the session organisers and the participants.

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

Session organisers:

- Ms Caterina Marinetti, NEWAVE Scientific Project Manager
- Prof. Jampel Dell'Angelo, NEWAVE Coordinator and Co-Principal Investigator
- Mr. Erick Velazquez, NEWAVE Junior Researcher, PhD Candidate VU Amsterdam
- Ms Barbara Kyling Sanchez, BKS Sustainability Consultant

Target audiences:

- Water Governance Early Stage Researchers
- Other interested researchers (water governance; policy; related topics)
- Young professionals and aspiring leaders in the water sector
- Educators; trainers; capacity developers in the water sector
- Policy makers and practitioners
- Anyone interested in Innovative Training methods and the focus of the project

Tentative Programme

11:00 - 11:05 Welcome and Introduction

Caterina Marinetti; Jampel Dell'Angelo

11:05 - 11:15 NEWAVE Theoretical Framework

Jampel Dell'Angelo

11:15 - 11:20 Training Programme overview

Erick Velazquez

11:20 - 11:35 Interactive Discussion with participants

Moderators: Caterina Marinetti; Jampel Dell'Angelo

11:35 - 11:40 Wrap up and closing

*Caterina Marinetti; Jampel Dell'Angelo*To participate:

[Click here to register to the session on Zoom on 26 Aug at 11:00 CEST](#)

The session will be recorded: by participating, you consent to be recorded.

- **The invisible link: dignity, safety and health for sanitation workers**

Wednesday 26 August | 12:00-12:45

Bremen Overseas Research and Development Association | Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Faecal Sludge Management Alliance | International Labour Organization | SNV Netherlands Development Organisation | Sustainable Sanitation Alliance | Water & Sanitation for the Urban Poor | WaterAid | World Bank Group | World Health Organization

The session focusses on the workforce operating the sanitation chain - those who empty septic tanks and latrines or maintain sewers. Sanitation workers are critical to achieve safely managed sanitation, but oftentimes face terrible working conditions and stigma. We will discuss global practical experiences to protect workers dignity, health and safety.

This event will throw light on the millions of sanitation workers around the globe, who provide an essential public service - but often at the cost of their dignity, safety, health, and living conditions. Sanitation workers are often poorly paid, lack safety training, and do not wear protective gear. At World Water Week 2019, the World Bank, ILO, WaterAid and WHO presented a recent assessment of the health, safety, and dignity of

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24-28 August 2020

sanitation workers, which identified four areas for action. This session builds on that, highlighting positive developments through good policies and practices, (social) movements, and latest research by:

Showing examples for policy, regulations and legislation that protect workers from various countries.

Presenting good practices of the development and adoption of standard operating procedures (SOPs), e.g. from the Indian government, Pakistan, Bangladesh and Tanzania.

Showcasing advocacy for sanitation workers, like social movements (India), the creation of associations (Burkina Faso), using photography for advocacy (Zambia, India), and international pit emptiers skills challenges

Pointing out progress and shortcomings in building the evidence base through e.g. studies on exclusion and research on the disease burden of sanitation workers.

Gender dimensions are relevant and will be discussed, especially in relation to manual scavenging.

- **Solving the Water-Climate-Puzzle by connecting youth stories and decision-makers**

Wednesday 26 August | 13:00-13:45

Central Asia Youth 4 Water | Global Water Partnership | International Secretariat for Water | Netherlands Water Partnership | Rural Water Supply Network | Swiss Water Partnership | Water Youth Network | World Youth Parliament for Water | Young Water Solutions | Youth Water Community in Central and Eastern Europe

This session will explore ways to solve and make connections that build into the Water-Climate-Puzzle by using youth stories as a dynamic narrative and to connect them with decision-makers to bridge the gap between science, policy and generations.

The impacts of climate change manifests itself most visibly through water. The occurrence of droughts, floods, and storms increase and become more devastating each year. The Global Risks Report has identified the top five global risks, all of which are water-related and the number one impact is climate action failure.

But who are the most at risk? Future generations! This is why we not only have to solidify the correlation between water security and climate change, but need to build a strong bridge between decision-makers of today and generations of the future: the youth, the majority of the population, that will have to live with these decisions.

This session will explore ways to solve part of the Water-Climate-Puzzle by using youth stories as a dynamic narrative and to connect them with decision-makers. Showcasing real stories from across the globe, we wish to open a dialogue with decision-makers on how policies affect the life of young people and how young leaders provide concrete, tangible answers to climate and water challenges and aim to influence decision-making.

The format of the session will have two parts: the first will be run as a talk-show; the second as an interactive Jenga inspired puzzle game.

- **Metropolitan & Household Water Insecurity: Novel Tools for Achieving SDG6**

Wednesday 26 August | 13:00-13:45

Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Household Water Insecurity Experiences Research Collaborative Network | International Water Security Network | International Water Stewardship Program | KWR

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Watercycle Research Institute | Northwestern University | Oxfam | UK Department For International Development | UNESCO Intergovernmental Hydrological Programme

The objective of the session is to acquaint delegates with cutting-edge and field-friendly tools for measuring and monitoring metropolitan and household water insecurity, and to explore the potential of new tools for supporting implementation of the 2030 Development Agenda for evaluating the impact of programmatic and policy changes. After attending this session, delegates will be familiar with the purpose and uses which include assessing prevalence, tracking changes, predicting health and economic consequences of water insecurity. They will also understand how metropolitan and household water insecurity relate to food insecurity, governance, stress, and hydrological indicators. Lastly, they will be empowered to implement measurements to accelerate action towards improving water security.

- **Communicating for Impact – How to Engage with Non-Water Audiences**

Wednesday 26 August / 14:00-14:45

Government of the Netherlands | Water Youth Network | World Wide Fund for Nature

Water has been in the World Economic Forum's top five global risks for years; yet many decision-makers outside the water community still do not realize that water stress is real, urgent and material. We must communicate better to reach those beyond our sector whose decisions have an impact on water.

According to the Global Commission on Adaptation, the effects of climate change will most immediately and acutely be expressed through water. Yet the sector remains generally unsuccessful in convincing the world of the value of water. Is it because communications that advocate the importance of water are uncoordinated; limited in perspective; lacking in mass and power; and/or reach limited audiences? We know there is a clear need for collaboration between actors who can stimulate change, but what does this look like?

The Valuing Water Initiative (VWI) promotes better decisions impacting water by driving systemic change in how water is valued across business, policy and behaviour. To this end, VWI seeks to better understand the key ingredients of effective communication strategies which resonate with decision-makers beyond the traditional water community, as well as the general public.

For this session VWI will convene a panel of top communicators with experience in driving meaningful change. They will share relevant experiences and insights into how communications can deliver real-world impact, with a focus on reaching decision-makers and audiences outside the water sector.

14:00-14:15 - Part 1: Setting the scene

- Is there a mismatch between the message and its effects? Why?
- Short poll to audience on their perception about the problem drivers
- Short challenge to participants

14:15-14:45 - Part 2: How can we get the message through?

In this second part room will be given to panellists to share their experiences and lessons learned, and we will ask the audience to provide their inputs and views through dynamic online tools.

- Examples of water-related campaigns
- Key lessons learned from those
- Key changes needed

Panelists and moderator:

- Richard Lee, WWF Communications Manager, Freshwater Practice
- Water Youth Network (representative tbc)
- Mina Guli, Thirst
- Stuart Reigeluth, Founder, REVOLVE (moderator)

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24-28 August 2020

- **Innovative finance for scaling effective SDG 6 solutions**

Wednesday 26 August / 15:00-15:45

Aqua for All | Danone | Grand Challenges Canada | Roots of Impact | Take-a-Stake Fund | WASTE | Water.org

This session provides insights from financial innovations that have the potential for scaling market-based solutions addressing SDG 6. It includes examples from new financing models for households and for growing water and sanitation businesses. It focuses on financial innovations and blended finance solutions that ensure inclusion, sustainability & climate resilience.

The session will bring together key actors working with innovative finance solutions to accelerate access to finance for water and sanitation. It will present and discuss a wide range of financial innovations addressing the increasing financing needs of households and of small and growing enterprises.

The session will provide concrete examples of solutions such as Carbon Credit Financing, Social Impact Incentives (SIINC), Sanitation Impact Bond and others. New financing and investing opportunities for small and growing businesses will be particularly highlighted with examples such as the Facility to Accelerate Access to Safe and Affordable Drinking Water and the Take a Stake Fund. The session will also include discussion on the catalytic role of grant funding to mobilize public and private capital for the water and sanitation sector.

10 min: Introduction & setting the scene by Aqua for All

20 min: Short pitches on financial innovations

- Transition to Scale by Grand Challenges Canada
- Social Impact Incentives by Roots of Impact
- Patient capital for Small & Growing Businesses by Take a Stake Fund
- Water Access Acceleration Facility by Incofin Investment Management & Danone Communities
- Sanitation Impact Bond by WASTE/FINISH Mondial
- Global Credit Enhancement Facility by Water.org

15 min: Interactive session with the audience and closing

- **Tools to support climate-smart sanitation decision-making for the urban poor**

Wednesday 26 August / 15:00-15:45

Agroknow | Emory University | Kampala Capital City Authority | Michigan State University | Ministry of Water and Environment of Uganda | National Water and Sewerage Cooperation | San Diego State University | Temple University | University of Leeds | Wageningen University & Research

The team will introduce and demonstrate three tools that provide support for urban sanitation decision-making through an interactive marketplace session. Afterwards, a case study on Kampala, Uganda will be presented showing the complementary utility of the tools for climate-smart sanitation decisions. There will be ample opportunity for discussion and interaction. Proposed program:

Introduction by Profs. Joan Rose (Knowledge to Practice (K2P) decision tools), Christine Moe (Sani-Path) and Barbara Evans (HyCRISTAL) – 5 minutes.

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Rotating marketplace tool demonstration stations lead by young professionals – 15 minutes per station:

- Station 1: K2P (Temple, San Diego State and Wageningen Universities). K2P follows pathogens through the sanitation-chain and maps the potential health implications of sanitation technology choice.

- Station 2: SaniPath (Emory University). SaniPath identifies high-risk pathways of exposure to fecal contamination in the urban environment based on behavioral and environmental microbiology data collection.

- Station 3: HyCRISTAL (University of Leeds). HyCRISTAL maps health risk across a city, highlighting infrastructure challenges (e.g. roads, drainage) and impact of interventions under a series of future climate scenarios.

Case study presentation led by Kampala-based sanitation planners (Kampala Capital City Authority, National Water and Sewerage Corporation, Ministry of Water and Environment) – 15 minutes.

Final discussion with participants - 10 minutes.

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24-28 August 2020

- **Co-Benefits of Implementing NBS for Climate-Related Water and Flood Management**

Thursday 27 August / 10:00-10:45

Danish Water Forum | Finnish Water Forum | French Water Partnership | Global Water Partnership | Japan Water Forum | Korea Water Forum | Netherlands Water Partnership | Northern Water Network | Portuguese Water Partnership | Stockholm International Water Institute | Swiss Water Partnership | World Water Council

This session will share practices and lessons learned from 9 countries of Europe and Asia in the Northern Water Network on how to maximize the synergies and trade-offs for no-regret decisions regarding water resources and flood risk management in the context of climate change, using nature-based solutions.

Nature provides several solutions for climate-related water management and flood risk management challenges our society is facing. Apart from being solutions to these challenges, Nature Based Solutions (NBS) provide additional services like carbon storage. While there is growing recognition of the advantages of promoting NBS for water resources management and flood risk reduction in the context of climate change, we are facing a challenge in connecting the knowledge within the water sector toward informed decision-making, due to limited transdisciplinary approaches to tackle the trade-offs of the economic benefits of our current generation's activities versus the ecological risks to the next generation.

This session will share practices and lessons learned from Denmark, Finland, France, The Netherlands, Portugal, Sweden, Switzerland as well as Japan and Korea - the Northern Water Network countries - regarding NBS to address water management, flood risk management, and nature conservation in the context of climate change. This includes ways to:

- Integrate green infrastructure aspects into existing water and river basin management
- Identify and manage interactions between water, energy, land use, and ecosystems
- Ensure multi-stakeholders' approaches and their support
- Evaluate co-benefits and trade-off methods to assist decision-making
- Overcome barriers related to the institutional frameworks

10:00 - 10:02 Introduction of NoWNET and this session

Ms. Yumiko Asayama, NoWNET Secretariat/ Manger, Japan Water Forum

10:02 - 10:27 Cases from NoWNET member countries

Denmark:

- Mr. Jesper Goodley Dannisøe, Director, Danish Water Forum

Netherlands:

- Dr. Elisabeth Ruijgrok, Economist, Witteveen+Bos

Sweden:

- Dr. Anna Tengberg, Programme Manager, Swedish Water House, adjunct professor at Lund University Centre for Sustainability Studies

Japan:

- Prof. Takashi Asaeda, Emeritus Professor, Saitama University, Japan, Research Supervisor (Disaster Prevention and Mitigation), Science and Technology Research Partnership for Sustainable Development, Japan Science and Technology Agency

Republic of Korea :

- Nominee from Korea Water Forum

10:27 - 10:42 Panel Discussion & Interaction with the audience

- Panelist: Above presenters

Thursday 27 August 2020

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24-28 August 2020

- Moderator of panel discussion: Mr. Ravi Narayanan, Councilor, Japan Water Forum/ APWF Governing Council Chair

10:42- 10:45 Summary and Wrap up

- **WW4D - WASH and Utilities**

Thursday 27 August | 10:15-17:00

African Water Association | Bremen Overseas Research and Development Association | Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Directorate-General for International Cooperation, The Netherlands | German Leprosy and Tuberculosis Relief Association | German Network against Neglected Tropical Diseases | German Toilet Organization | German Water Partnership | Global Water Operators' Partnerships Alliance at UN-Habitat | Inter-American Development Bank | Rural Water Supply Network | Sustainable Sanitation Alliance | The German WASH Network | WaterWorX

10:15 - 10:30 Recap Day 3 & Daily Agenda Overview

10:30 - 11:30 WASH responses to COVID-19: Adapting interventions to mitigate infections

GIZ, Hygiene Hub

11:30 - 12:30 Secure WASH, Promote (One) Health – The Importance of WASH for Neglected Tropical Diseases

German WASH Network, German Network against Neglected Tropical Diseases, SuSanA, German Leprosy and TB Relief Association, Christoffel Blindenmission, Vets without Borders, German Toilet Organisation (GTO), Verband forschender Arzneimittelhersteller

13:00 - 13:45 The importance of (online) communities of practices – before, during, and after a crisis

GIZ, SuSanA, Bremen Overseas Research and Development Association (BORDA), German WASH Network, German Toilet Organization (GTO), Rural Water Supply Network (RWSN)

13:45 - 14:45 Water Operators' Partnerships – A Gamechanger for Technical Assistance?

GIZ, Dutch Directorate-General for International Cooperation (DGIS), WaterWorX, Global Water Operators' Partnerships Alliance (GWOPA), Interamerican Development Bank (IDB), African Water Association (AfWA), German Water Partnership (GWP e.V.), Water Operators' Partnership Latin America & Caribbean (WOP-LAC)

15:00 - 16:00 Transitioning from a Humanitarian to a Development Approach in Water Supply and Sanitation - the Utility Model

16:15 - 17:00 Toilets of the Caribbean – meet the CReW+

GIZ, Interamerican Development Bank (IDB), UN Environment Programme (UNEP)

- **Financing a paradigm shift in development models**

Thursday 27 August | 12:00-12:45

Asian Development Bank | Deltares | Global Alliance for Banking on Values | Government of the Netherlands | Inter-American Development Bank

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24-28 August 2020

Climate impacts challenge our status quo. Covid19 is a stark reminder that a shift in our economic development paradigm is urgent. Three revolutions are urgent: a revolution in understanding, a revolution in planning and a revolution in finance. Which partnerships could trigger the required systemic change and finance the transition?

Water as connecting stream between sectors water holds a great risk and a great opportunity. Water can be used as leverage for impactful and catalytic change and if adequately managed become a powerful motor to achieve development and resilience. We will identify the required partnerships to accelerate this shift and enable a revolution in investment planning across sectors that makes each drop count.

Starting with a presentation from the Netherlands, IADB and ADB of their strategies and role in making the transition possible; we then engage in a moderated dialogue reflecting on the view from the frontlines.

Country and local bank representatives will share through this conversation the challenges and practical dilemmas they face. The conversation between all key actors in the development and adaptation space – MDB's, donors, local banks, climate funds and public officials – continue to identify how local and global actors could best cooperate to achieve a transformation in project origination and enable the development of strategic investment pathways that maximize impact and private sector participation in the long term? Which niche each of them is best positioned to play and which coordination mechanisms are required to enable the development of a transformational pipeline of projects?

12:00 Opening words by moderator

Including instructions for participants to engage with visual collaboration tool

12:05 Opening Keynote

Henk Ovink, Special Envoy for International Water Affairs at Kingdom of the Netherlands.

12:10 Achieving climate change resilience in Asia and the Pacific. The ADB Strategy

Tom Panella, Chief of Water Sector Group, Asian Development Bank (ADB)

12:15 Water Security and Global Change in LAC. The IDB Strategy

Raul Muñoz, Inter-American Development Bank (IADB)

12:20 Moderated dialogue reflecting on the view from the frontlines

Country and local bank representatives will share through this conversation the challenges and practical dilemmas they face. The conversation between all key actors in the development and adaptation space – MDB's, donors, local banks, climate funds and public officials – continue to identify how local and global actors could best cooperate to achieve a transformation in project origination and enable the development of strategic investment pathways that maximize impact and private sector participation in the long term? Which points of leverage each of them is best positioned to influence?

Moderator: Tom Cummings, Board Member Global Alliance for Banking on Values

Panel speakers are:

- BRAC, Local bank, Bangladesh representative (tbc)
- Amit Singh, Director Policy, Research and Planning, Ministry of Waterways and Environment, Fiji
- Tom Panella, Chief of Water Sector Group, Asian Development Bank (ADB)
- Raul Munoz, Senior Water Specialist, Inter-American Development Bank (IADB)
- Christian Severin, lead International Waters, Global Environmental Fund
- Niels Vlaanderen, Coordinator International Water, Ministry of Infrastructure and Water, Netherlands

12:40 Session wrap up: key messages and next steps

- Monica A. Altamirano, Program Manager Finance for Adaptive Planning, Deltares

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24-28 August 2020

The panelists and well as participants insights shared through the visual collaboration tool are brought together to identify promising blueprints for cooperation at national and global scale and the leverage points each actor is best positioned to impact to drive the envisioned paradigm shift.

12:45 End of session

- **Water as Leverage (WaL) for Climate Impact and financing adaptation**

Thursday 27 August | 14:00-14:45

City of Semarang (Indonesië) | Deltares | Government of the Netherlands | Organisation for Economic Cooperation and Development | Water Youth Network | World Bank Group

Water as Leverage aims to bridge the gaps hindering climate action, with a focus on project origination. This is a major hurdle, translating these challenges into inclusive processes for the purpose of developing integrated, transformative, bankable project proposals that address localized climate-related urban water issues which has not been tackled before.

The session consists of three levels:

1. The scene is set by the OECD, who give an insight in the billions available on global level for climate financing but the difficulty of finding the right projects to invest in.
2. The World Bank in Indonesia explains why the status quo on project origination and development won't suffice and showcases this need exists on national level by showcasing the situation in Indonesia;
3. Representative(s) of the city of Semarang will tell about their experiences with Water as Leverage approach, specifically working together with the financial sector. Herein they will also highlight the existing gaps between moving from concept to implementation.

Finally, the Special Envoy for International Water Affairs to the Kingdom of the Netherlands, Mr Henk Ovink and founding father of Water as Leverage, elaborates how its principles have been applied and his experiences so far in the development of project proposals in three Asian cities and on upscaling it to other cities in the world. Also addressed are the challenges that international financial institutions and national actors face to start realising project proposals. This will serve as an introduction to a plenary discussion on how to overcome this barrier.

- Opening by Special Water Envoy Henk Ovink – **explaining Water as Leverage** (5min)
- OECD – Mr. Xavier Leflaive – addressing **the challenges and gaps in financing climate adaptation** (5 min)
- **The experiences of the World Bank in Semarang, Indonesia with the Water as Leverage project proposals** – Mrs. Gayatri Singh (10 min)
- Semarang's former Chief Resilience Officer Mrs. Dr. Wiwandari, lecturer UNDIP University – Urban Resilience Expert – on their **involvement in the Water as Leverage initiative** which strengthened their belief in further strengthening the importance of a integrated perspective on the city's (climate adaptation) challenges and opportunities. (10 min)
- Q&A (10)
- Conclusion and wrap-up (5 min)

- **Action on Algae: New Tools for a New World**

Thursday 27 August | 16:00-16:45

LG Sonic | Xylem

This showcase will feature three technologies to combat Harmful Algal Blooms: early detection through multiparameter monitoring, control of algal growth in source water with a novel ultrasonic buoy, and Advanced Oxidation Processes to destroy toxins and taste and odor compounds.

Harmful Algal Blooms (HABs) are partially driven by climate change, and are more prolific than ever. This showcase will feature new technologies and approaches that enable managers to take action on HABs.

First, early detection can be facilitated through continuous monitoring for a suite of water quality parameters, rather than just algal pigments. This will inform treatment decisions, which may include two showcase technologies. In the source water, one might employ a novel platform that combines monitoring and ultrasonic control of algal growth, called the MPC-Buoy. The MPC-Buoy can not only control growth of potentially toxic algae, but also it may reduce TSS, BOD and overall consumption of chemicals used to treat algae. In the plant, Advanced Oxidation Processes (AOPs) may be used to abate taste and odor compounds like MIB and geosmin and toxins like microcystins. Additional benefits come with the combination of AOPs and Biological Active Filtration (BAF). Participants will discover the potential for source-to-treatment tools to work together to combat HABs, reducing overall risk.

Sessions at WWWeek At Home with Dutch contributions*

24-28 August 2020

- **WW4D - Water Integrity and Gender**

Friday 28 August | 10:15-13:00

African Women Sanitation Professionals Network | Bremen Overseas Research and Development Association | Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH | Faecal Sludge Management Alliance | Green Climate Fund | Institute for Sustainable Futures, University of Technology Sydney | Sustainable Sanitation Alliance | United Nations Children's Fund | WASH United | Water Integrity Network | Women for Water Partnership | Women in Innovation | Women in Water and Sanitation Network

10:45 - 11:00 Recap Day 4 & Daily Agenda Overview

11:00 - 12:00 Menstrual Health and Hygiene - Relevant, Inter-sectoral and on the Rise

GIZ, WASH United, UNICEF (tbc), Global Menstrual Health and Hygiene Collectives /WSSCC (tbc), WaterAid (tbc), Welthungerhilfe (tbc)

12:15 - 13:00 Climate needs Women innovating for Water, Sanitation & FSM

GIZ, African Women Sanitation Professionals Network (AWSPN), Faecal Sludge Management (FSMI Alliance), Bremen Overseas Research and Development Association (BORDA), Women in Innovation global, Women in Water and Sanitation Network (WWSN), Institute for Sustainable Futures - University of Technology Sydney (ISF-UTS), Women for Water Partnership (WfWP), Women Engage for a Common Future

13:00 - 14:00 She acts: Women, Water and Covid-19 - Strengthening Women's Voices

GIZ, Women for Water Partnership (WfWP), Katosi Women Development Trust (KWDT), NetWwater, Earthforever

14:00 - 14:30 Integrity Readiness of Water Sector for Climate Change Finance

GIZ, Water Integrity Network (WIN), Green Climate Fund (Independent Integrity Unit)

14:30 - 15:00 Wrap-up & Closing Remarks

- **Transforming water and sanitation marketing: practical insights from TRANSFORM**

Friday 28 August | 13:00-13:45

EY | UK Department For International Development | Unilever

In this session we will describe TRANSFORM, a unique joint-initiative between Unilever, DfID and EY, and how it is helping social businesses to market water and sanitation services to low-income customers. The session will be of interest to water and sanitation entrepreneurs and larger organisations interested in developing PPPs.

Social enterprises are creating new business models that could allow more people than ever to access safe water and sanitation services. However, these enterprises often struggle to develop appealing consumer propositions. This session will describe how TRANSFORM has helped early-stage social businesses overcome this challenge.

Case studies presented by spokespeople from TRANSFORM supported enterprises, such as Loowatt, SWEEP, Folia Water and Frontier Markets, will show how they have worked with Unilever to apply cutting edge marketing techniques and develop new revenue channels.

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24-28 August 2020

Friday 28 August 2020

- **Water under fire**

Friday 28 August | 14:00-14:45

Action Against Hunger | Geneva Water Hub | Global WASH Cluster | Government of the Netherlands | Swiss Federal Department of Foreign Affairs | United Nations Children's Fund

This event aims at launching the Unicef report "Water under fire 2" followed by a discussion among a large panel of stakeholders to define the way forward to better protect water infrastructures in conflict areas. Concrete recommendations to be taken up by States will eventually be developed by the participants.

The event will start with the presentation of the second Unicef report called "Water under Fire" and briefly recall the devastating consequences of attacks on WASH infrastructures for population living in conflict zones. An update on the last developments around the "Geneva list of the principles on the protection of water infrastructure" will also be made..

A high level panel discussion will then allow to explore more in details the additional fragility resulting from the ongoing climate change and will aim at defining possible remedies to reduce the vulnerability of WASH infrastructures in conflict settings.

A third interactive part will be a structured discussion aiming at defining recommendations to be integrated in a resolution to be discussed in the UN General Assembly to better protect WASH infrastructures in conflict settings, followed by a short presentation of the main recommendations from each group.

The fourth part will be a vote by the participants on the recommendations and the planning of the next steps needed to transform the concerns of the WASH experts in Stockholm in a new (ideally legally binding) instrument to better protect WASH infrastructures in conflict zones to be debated in the UN General Assembly.

- **WWWeek At Home Social Event/Virtual Dutch Reception**

Friday 28 August | 14:00-15:00

Government of the Netherlands, Akvo, Aqua for All, IRC, Netherlands Water Partnership

Instead of sharing ideas under the Stockholm sky, the event embraces the opportunities that virtual tools provide for networking and engaging people across the globe in a fun and interactive way.

This virtual social event builds on the tradition of an annual Dutch Reception. More details about registration and the outline of the event will follow soon

- **Water Stewardship in Agriculture: Learnings from implementing the AWS Standard**

Friday 28 August | 14:00-14:45

Alliance for Water Stewardship | Deutsche Investitions- und Entwicklungsgesellschaft mbH | The Netherlands Development Finance Company | World Wide Fund for Nature

Agricultural supply chains are heavily reliant on water and face local challenges such as pollution, over abstraction and climate change. In this session, AWS and its partners will share learnings from the agricultural sector in Indonesia, Latin America, North America and Europe to stimulate collective action on water stewardship.

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24-28 August 2020

This session will examine case studies from the food retail industry, development finance institutions and agricultural producers.

Delegates will also have the opportunity to debate and discuss further enhancements of the AWS Standard for use in agricultural contexts and contribute towards agricultural-specific guidance for the AWS Standard.

- **Futurecasting a World with Water Aware Financial Institutions**

Friday 28 August | 17:00-17:45

Ceres | Government of the Netherlands | Skandinaviska Enskilda Banken

The interactive session will lay out a vision and a strategy for a future where financial institutions and shareholders understand, recognize and value water resources more fully. Using the Valuing Water Principles as a foundation, participants will discuss a blueprint for how to get financiers to be more productive stakeholders on water.

Investment firms manage over \$90 trillion in savings, with a much of this invested in companies listed on global stock exchanges. A small subset of these investment firms control almost half of this money, and thus can have a significant influence over industries and companies they invest in--including motivating them to manage water more sustainably. Banks, as lenders to companies, cities and projects, can also play an influential role in creating systemic change including how water is valued and managed by companies they finance.

Ceres, partnering with the Valuing Water Initiative and financial sector leaders, will lay out a vision, with proposed steps to get there, of a future where financial sector leaders set out a clear set of water expectations for companies, and that they themselves will more fully understand the value of water and act accordingly. Participants will provide feedback through interactive polling and a Q&A discussion.

[Register here on Zoom](#)

- Welcome & Overview - The Government of the Netherlands
- Menti polling to learn about the participants
- Context: brief overview of the Valuing Water Finance Journey - Ceres
- Investor Perspective: Valuing Water Finance Task Force - SEB
- Menti polling to gather feedback, Q&A
- Call to action & wrap-up