

Programme

& General information

IHE 
DELFT

Institute for
Water Education
under the auspices
of UNESCO



General information

Badges & lanyards

Symposium delegates will receive badges & lanyards in two different colors. IHE staff involved in the organization of the sessions at the symposium will wear **YELLOW** ones. If you have any questions, please ask the people with yellow badges. All other delegates (guests) will receive **WHITE** badges & lanyards.

Please wear your badges at all times, every day of the symposium, and especially during lunch. You are welcome to keep the badge & lanyard. If you prefer not to, a box will be provided for them at the reception desk, where you can return them on the last day of the symposium.

Coat racks

If you would like to store any piece of outdoor clothing while in the building, coat racks will be provided in room **A4**. Please note the room will not be locked, so do not leave any valuables in it.

Coffee breaks

Coffee | tea | refreshments will be available in the IHE Delft restaurant on the ground floor. There are 2 stations available, please follow the **Coffee corner** signs on the ceiling.

You will be prompted to return to the symposium sessions 5 min and again 1 min before the end of the coffee breaks. Please return to sessions on time. Latecomers entering the room could cause disruption for the people presenting and for the online audience.

Luggage Friday 04 Jul

If you check out of your accommodation in the morning of Friday 04 Jul, you can bring your luggage with you to IHE Delft. Room **B6** (former Poster session room) will be available for you to drop your luggage for the duration of the last half day of the Symposium. The room will only be open before the sessions begin and after they end. The key will be available at the reception, if required.

Lunch breaks

Lunch will be served in the IHE Delft restaurant on the ground floor. There will be 2 stations available, please follow the **Buffet** signs on the ceiling.

For environmental reasons, lunch is vegetarian and the same for all delegates of the symposium. Proceed to the serving area and take the tray with pre-assembled food. There will also be tables for lunch outside in the garden, under the tents.

You will be prompted to return to the symposium sessions 5 min and again 1 min before the end of the lunch breaks. Please return to sessions on time. Latecomers entering the room could cause disruption for the people presenting and for the online audience.

Poster session

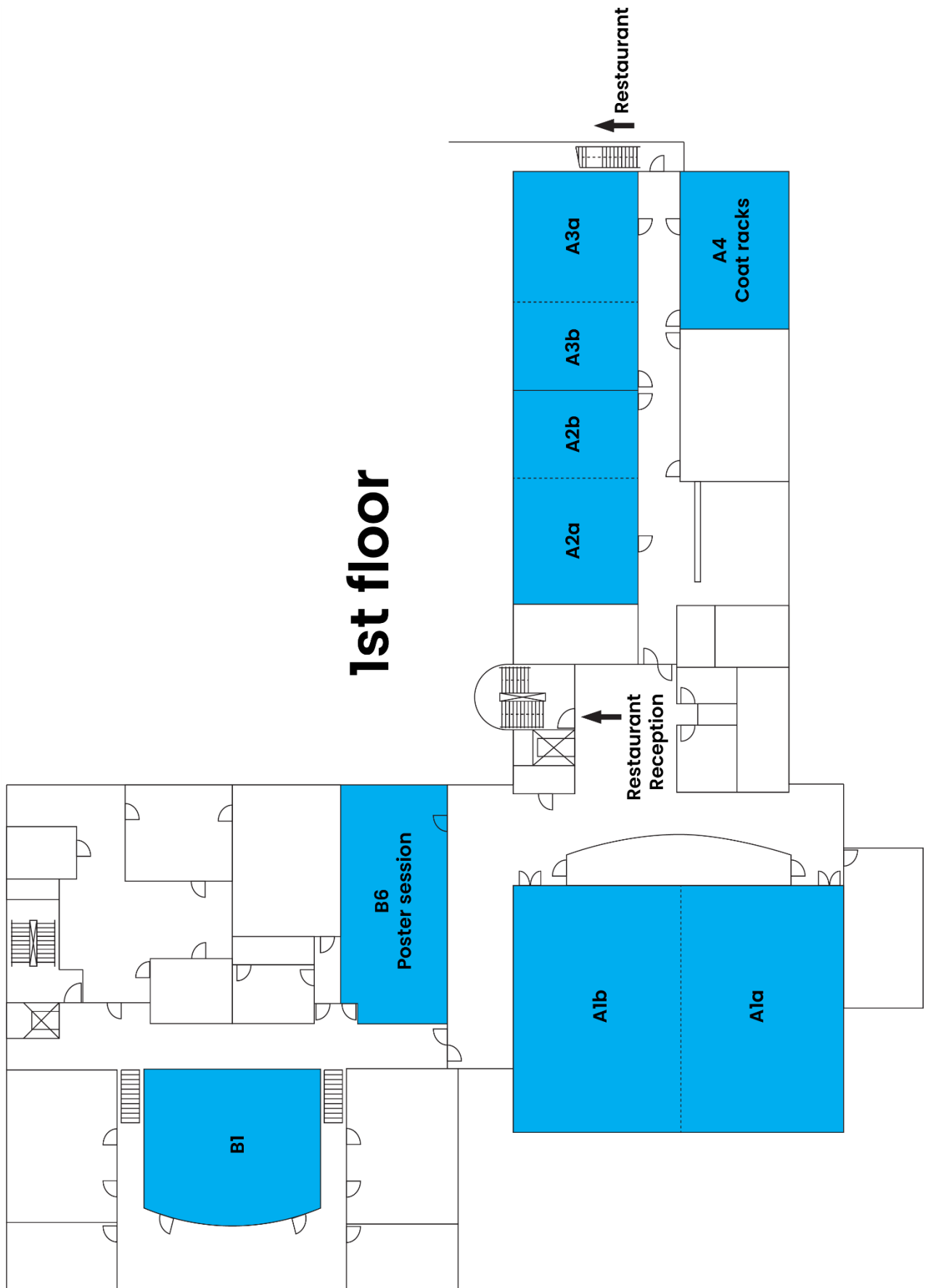
Poster session will run in parallel with the presentation sessions. The posters are displayed in room **B6** from **Wed 02 Jul 09:00 – Thu 03 Jul 17:00**.

Proceedings of the symposium

For environmental reasons, the proceeding with extended abstracts will be distributed as a soft copy only. They will be available on the symposium website (<https://kcsymposium2025.un-ihe.org/en>).

Wi-Fi

Network: IHE-public
Password: iheinternetkey



Programme at glance

Time	Wednesday 02 Jul	Thursday 03 Jul	Friday 04 Jul
09:00 - 10:30	Plenary Opening A1a+b	Track sessions 3 KCD and inclusivity A2a A2b A3 A1a A1b B1 KSD tools KSD partnership B1	Track sessions 5 KCD and inclusivity A2a+b A1a A1b KSD partnership A1b KSD tools A3a+b
10:30 - 11:00	Coffee	Coffee	Coffee
11:00 - 12:30	Track sessions 1 KCD and inclusivity B1 KCD for SDGs A1a A1b KSD partnership A1b KSD tools A3a+b	Intermezzo Three-on-tree A1 Walkshop A2a A2b	Plenary Closing A1a+b
12:30 - 13:30	Lunch	Lunch	
13:30 - 15:00	Track sessions 2 KCD and inclusivity B1 KCD for SDGs A1a A1b KSD partnership A1b KSD tools A3a+b	Track sessions 4 KCD and inclusivity A2a+b A1a A1b KSD partnership A1b KSD tools B1	
15:00 - 15:30	Coffee	Coffee	
15:30 - 17:00	Plenary KCD Impact A1a+b	Plenary Governance A1a+b	

Poster session
A6

Poster session
A6

16:00 – 19:00

PRE-REGISTRATION

Due to a large number of people participating in person, all delegates are encouraged to pre-register, to avoid delays and missing out on the programme on the morning of 02 July. During the pre-registration, the delegates will receive symposium material with the badge and magnetic entrance card, needed to enter the IHE premises. For questions about the pre-registration, please contact the symposium organization (kcsymposium2025@un-ihe.org).

Location: IHE reception

08:00 – 09:00 **REGISTRATION & WELCOME**

Location: IHE reception

POSTERS SET-UP

Location: B6

09:00 – 10:30 **PLENARY – OPENING**

Welcome IHE Delft Rector Eddy Moors (IHE Delft Rector)
Keynote address Hon. Retno L.P. Marsudi (UN Water Envoy)
Keynote address Anita Soina (climate change & community development advocate)
Musical interlude Amir Soliman, kora | Robert Lewis, saxophone (both IHE Delft MSc students)
Panel discussion Reflections from keynote speakers
Facilitator: Sundus Al-Ogaidi

Location: A1a+b

10:30 – 11:00 **COFFEE BREAK**

Location: IHE restaurant (ground floor)

11:00 – 12:30 **TRACK SESSIONS 1****KCD AND INCLUSIVITY***Intergenerational roast: rethinking water solutions*

PANEL

Through a dynamic 'roast', renowned water experts will confront their brilliant failures and will be critically questioned by the younger generation. In this way we will reflect on biases rooted in broader assumptions, institutional norms and power structures that have shaped decision-making and interventions in the water sector and engage with the evolving nature of knowledge.

Moderator: Jeltsje Kemerink-Seyoum**Speakers:** Huub Savenije | Frances Cleaver | Guy Alaerts**Rapporteur:** Sonja Niederhumer ONLINE

Location: B1

KCD FOR SDGs*Assessing and bridging the knowledge and capacity gap*

PRESENTATIONS | PANEL DISCUSSION

Discussing methods, tools and processes to assess and bridge capacity gaps that hinders progress toward SDG 6 and related SDGs. The session will showcase case studies, partnerships and resources available globally, including in the Global South, to assess and bridge capacity development gaps.

Introduction to the KCD for SDGs track

Ilyas Masih & Liliane Geerling

What real-world examples can teach us: Lessons from the UN-Water SDG 6 Country Acceleration case studies

Sarah Breslin

Capacity development for SDG 6: Sharing experience from the design and implementation of two global initiatives

Rahmah Elfithri

UN-Water SDG 6 Capacity Development Initiative (CDI): Implementation process in Costa Rica

Vivian Gonzalez

Capacity development as a way to accelerate the achievement of Sustainable Development Goals in the Global South

Graham Jewitt

*Co-creation of WASH capacities in Kakooge and Wobulenzi, Uganda*Abubakar Batte ONLINE*Transforming knowledge management from a radical uncertainty into an opportunity for knowledge and capacity development in Philippine water utilities*Karen Garcia ONLINE**Moderators:** Ilyas Masih | Liliane Geerling**Rapporteur:** Gaetano Casale

Location: A1a

11:00 – 12:30

KCD PARTNERSHIPS***Stories from the waterfront: Recognizing, engaging and empowering the resilience of vulnerable communities to water crises***

PRESENTATIONS

Exploring the capacities and resilience of local communities living in vulnerable regions affected by water crises and conflicts. Through case studies from Europe, Africa, and Asia, presenters shed light on the experiences, coping strategies, and collective action of these communities, highlighting the relevance of integrating community resilience-building into water planning for a more just, resilient and sustainable future.

The embodied experiences of low-income women in two urban water-scarce contexts: A comparative analysis between Barcelona and Cape Town

Ariadna Romans I Torrent ONLINE

Equity perspectives in groundwater-based collective irrigation in Andhra Pradesh, India

Vibhanshu Raj

Knowledge precedes practice: Understanding farmers' access to different types of knowledge and its impact on smallholder farmer-led irrigation development along sand rivers

Benson Karimba

Stateless and stranded: An exploratory case study of WASH insecurity and coping mechanism of Rohingyas in informal settlements of Delhi, India

Akash Baral ONLINE

Investigating sustainability challenges of Community-Based Water Supply (CBWS) projects in rural and conflict-affected regions: Learning from Borno State, Nigeria

Muawiya Hassan ONLINE

Chair: Angelo Jonas Imperiale

Moderator: Gitima Das

Location: A1b

KCD TOOLS***Which competences do water professionals need to develop to become lifelong learners?***

WORKSHOP

To set the stage and start the conversation, track's presenters and participants are invited to this workshop to explore key concepts and questions, including the distinction between skills and competences, what it means to be a lifelong learner, and the challenges posed by the rapid development of technology, like generative artificial intelligence.

Moderators: Emanuele Fantini | Michael McClain

Facilitators: Botagoz Sharipova ONLINE | Jacob Baraza Abumba ONLINE

Rapporteur: Miroslava Silva Ordaz

Location: A3a+b

12:30 – 13:30

LUNCH

Location: IHE restaurant (ground floor)

13:30 – 15:00

TRACK SESSIONS 2**KCD AND INCLUSIVITY*****Hierarchies of expertise: Who counts as an expert?***

KEYNOTES

Through two keynote speeches and a plenary discussion, we will explore how dominant frameworks privilege certain forms of expertise while marginalizing others. We explore how this affects which knowledge on water is valued, which knowledge is ignored and what the consequences are of this in addressing water issues.

Moderator: Lakshmi Charli-Joseph

Speakers: Shahnoor Hasan | Ain Contractor

Rapporteur: Sonja Niederhumer ONLINE

Location: B1

13:30 – 15:00

KCD FOR SDGs**Barriers and Enablers for SDGs implementation**

KEYNOTES | DISCUSSION

Discussing both, barriers that hinder actions that bring progress toward SDG 6 and sustainable development, and enablers that support such actions. The session will also identify opportunities for knowledge sharing and capacity development to accelerate implementation. In addition, it will use nexus-based approaches to explore trade-offs and synergies between SDG 6 and other SDGs.

Session introduction

Brindha Karthikeyan & Vivian Gonzales

Driving sustainable water solutions: From challenges to capacity and cooperation

Mohsin Hafeez

Empowering the new generation of water sector professionals and scientists case study of Lubumbashi, DRC

Ngoie Lwaba Christelle

Accelerating WASH universal coverage: Financing roadmap and capacity development in six Indonesian districts

Elvi Debora P Panggabean

Funding incongruence: An overview of the disconnect between locally-led organizations and international funders for WASH projects

Kajal Patel, Anna Hixson

An evaluation of the impacts and barriers in enhancing water sector capacity in Iraq: Lessons from a Dutch-Iraqi collaborative programme

Ilyas Masih

Public perception and willingness to adopt water harvesting in the Chak-Logar river basin: Challenges, opportunities, and policy implications

Abobakar Himat

*Integrity training for sanitation regulators*Marcela Lopez ONLINE*Analysis of complexities and critical factors affecting the sustainability of community-managed water supply schemes in the plantation sector, Sri Lanka*Indika Gunawardana ONLINE*Global insights on capacity strengthening for Water, Sanitation, and Hygiene in low- and lower-middle-income countries: A scoping review*Nicole Weber ONLINE**Moderators:** Vivian Gonzales | Brindha Karthikeyan**Rapporteur:** Gaetano Casale

Location: A1a

KCD PARTNERSHIPS**Knowledge, assessment and learning for sustainability transformation in the water sector**

PRESENTATIONS

Investigating how knowledge systems, assessment tools, and social learning approaches can catalyze long-term transformation in water management. By bringing together literature reviews, policy insights, and real-world experiences, presenters draw on real-world policies and projects and share what has worked, what has not, and what is needed to shape the next generation of sustainable water governance and management strategies.

A literature review on the role of organizational change in capacity-building projects for climate adaptation in the water sector

Jing Zhao

Examining UNCCD's role in advancing social learning for combating desertification, land degradation, and drought

Laurent-Charles Tremblay-Levesque

Learning by doing: Young professionals paving the way for a sustainable future in Peru

Milagros Sosa Landeo & Sterre Koops

How can policy analysis support transformation governance in the water sector? Exploring the potential in Indonesia's transformation of water allocation and rights

Aditya Taufani

Simulating unmet demands with different water allocation strategies using the WEAP system in the Ghriss Basin, Algeria

Cherifa Abdelbaki

Chair: Dorothy Kobel**Moderator:** Maureen Abakundaine

Location: A1b

13:30 – 15:00

KCD TOOLS*How can we strengthen collaboration to develop competences for lifelong learning?*

PRESENTATIONS | DISCUSSION

Speakers will share their work and exchange experiences with participants, focusing on collaboration for institutional strengthening towards lifelong learning competences. Lessons learned and recommendations will be collected, contributing to the international dialogue on the role of lifelong learning in equipping (young) water professionals with the competences (knowledge, skills - tools & hands on - and behavior change) needed to adapt and address the challenges of a rapidly changing world.

Leveraging organization capacity assessment tools: A case study of strengthening water governance and sustainability in rural Arusha, Tanzania

Sandra van Soelen

Climate vulnerability in rural water and sanitation services: A community-based tool for resilience in Central America

Raquel Núñez ONLINE

River contracts as a co-learning arena: Knowledge and practices exchanges between students, associations and scholars for river defense

Anna Brusarosco ONLINE

Empowering local stakeholders for sustainable WASH: Evaluating the impact of the infrastructure financing toolkit in rural Indonesia

Maya Sinlae

GWOPA partnership management platform: A tool to unpack capacity development into positive organisational change

Maria Pascual Sanz

Moderator: Jean-Marie Kileshye Onema

Facilitators ONLINE: Jacob Baraza Abumba | Phoenix Wongpimoln

Rapporteur: Raquel dos Santos de Quaij

Location: A3a+b

15:00 – 15:30

COFFEE BREAK

Location: IHE restaurant (ground floor)

15:30 – 17:00

PLENARY – KCD IMPACT*Measuring what matters – Impact in knowledge and capacity development in the water sector*

PRESENTATIONS | PANEL DISCUSSION

Diving into the critical question of impact in Knowledge and Capacity Development (KCD) across the water sector. Leading organizations will share examples of how effective KCD efforts are creating meaningful change, offering fresh inspiration and practical insights for participants to apply in their own contexts. Spanning over multiple sectors (academia, international development, water utilities), panel discussion will explore how impact can be measured, demonstrated, and communicated. The session aims to share perspectives and tools to enhance the effectiveness and accountability, ensuring that KCD initiatives translate into lasting, measurable progress.

Tuning tools: Using the Asian Water Development Outlook to drive impact

William Veerbeek, Vivek Raman ONLINE

The impact of the Global Sanitation Graduate School worldwide

Damir Brdjanovic

How can funders increase the chances of research making an impact on society? The NWO impact approach

Monika Brasser

Did it stick? Lessons from FDW's post-project interviews - Exploring what remains when the funding ends – and why it matters

Michiel Slotema

The impact of the Water Academy in South Africa on KCD for water utilities in the region

Asief Alli

Chair: Konstantina Velkushanova

Location: A1a+b

9:00 – 10:30

TRACK SESSIONS 3

KCD AND INCLUSIVITY

Community – Learning from community knowledge

WORKSHOP

Investigate plural ways of knowing and explore how engaging with these diverse forms of knowledge may lead to different pathways of action, while also reflecting on the challenges of implementing pluralized knowledges and multiple approaches to caring, sharing and managing water.

Moderators: Sharlene Gomes | Andres Verzijl

Speakers: Sanata Thera | Swati Satpute | Eduardo Erazo Acosta | Janneke Bruil

Rapporteur: Rexford Ntansah

Location: A2a

Youth – Water across generations: Getting to meaningful youth inclusion

WORKSHOP

Interactive dialogue to reflect on your experiences in intergenerational spaces throughout their professional careers in the water sector. By facilitating discussions between younger and more senior voices, we aim to deepen our understanding of what it means to include the perspectives and ideas of different generations in creating sustainable solutions.

Moderators: Tova Crystal | Charlene Gaba | Stefan Siepmann

Rapporteur: Farhana Rashid

Location: A2b

South – Learning from the south: Inter-geographical conversations

WORKSHOP

World café to discuss the assumptions embedded in the terms Global North and Global South, particularly the idea that knowledge, technology and expertise flow from the North to the South. Critically explore ways to move beyond such hierarchical understandings by building on a sense of mutuality, bringing attention to the rich knowledge systems of the Global South.

Moderators: Hajar Choukrani | Abebe Chukalla

Speaker: Moline Chauruka

Rapporteur: Juliet Kiguli

Location: A3a+b

KCD FOR SDGs

Evaluating shortages of critical skills and knowledge

KEYNOTES | ROUNDTABLE DISCUSSION

Focusing on identifying and evaluating critical shortages of skills and knowledge that hinder progress toward SDG 6 and related SDGs. The session will explore why it is hard to keep talent, and incentives that can help retain skilled staff.

Session introduction

Brindha Karthikeyan, Anna Murray

Technical personnel skill requirements for the water and sanitation sector, and the role of training and tertiary education: An observation study in Kenya

Mary Wambugu

Capacity-building model to strengthen water quality monitoring and treatment systems to address risk associated with contamination of water supplies

Jagdish Kumar

Beyond 2030: from capacity development to fostering a sustainable workforce

Kirsten De Vette

KCD for SDGs: An example of improving access to safe drinking water during an ongoing conflict in Goma, DRC

Franck Flachenberg ONLINE | Paolo Sordini ONLINE

Advancing water security in the HKH: ICIMOD's approach to integrated river basin management and capacity building

Shubhuti Ghimire ONLINE

Bridging capacity gaps for sustainable water management: Advancing SDG 6 in the desert area of Rajasthan state, India

Mohammed Muslim Sheikh ONLINE

Moderators: Anna Murray | Brindha Karthikeyan

Rapporteur: Ilyas Masih

Location: A1a

KCD FOR PARTNERSHIPS

Water Policy and Governance for sustainability transformation in the water sector

PRESENTATIONS

Examining how water governance systems – at local, national, and transboundary levels – can act as catalysts for, or barriers to sustainability transformation in the water sector. Presenters offer critical insights from a diverse set of case studies, interrogating assumptions about cooperation, policy effectiveness, and capacity development, and advocating for governance models that are context-aware, socially inclusive, and politically engaged.

Rethinking Water Governance: Lessons from integrating traditional and modern system at Lake Chilwa (Malawi)

Ernest Pondani

Location: A1b

9:00 – 10:30

KCD FOR PARTNERSHIPS (cont'd)***Water Policy and Governance for sustainability transformation in the water sector***

PRESENTATIONS

Beyond the façade of cooperation: How transboundary water agreements can facilitate water weaponisation

Anna Kummelstedt

Reinforcing or disrupting sustainable change: The role of mediating actors in water governance

Alex López Alberola

Towards an inclusive water governance: revitalising transboundary water policy in the Brahmaputra river basin

Gitima Das

*Water: Missing from Mexico's 2024 electoral landscape*Fatima Oseida ONLINE**Chair:** Leon Hermans**Moderator:** Shobana Srinivasan

Location: A1b

KCD TOOLS***Which skills do water professionals need to select appropriate digital tools and learning approaches for continuous learning?***

PRESENTATIONS | DISCUSSION

Speakers will share their work and exchange experiences with participants, focusing on the main skills needed by (young) water professionals to select appropriate digital tools and learning approaches for continuous learning and application on the job. Lessons learned and recommendations will be collected, contributing to the international dialogue on the role of lifelong learning in equipping (young) water professionals with the competences (knowledge, skills - tools & hands on - and behavior change) needed to adapt and address the challenges of a rapidly changing world.

*Enhancing hydraulic engineering education for sustainable water management in Tunisia*Emna Gargouri ONLINE*A novel digital tool for canal irrigation systems design*Araya Mengistu ONLINE*Innovative knowledge development through inclusive podcast series*

Jeske Verhoeven

Stimulating innovation and local-level learning in the water sector through a hackathon approach

Sandra van Soelen

*Building capacity for Integrated Water Resources Management (IWRM) through a participatory and simple to use IWRM-MEL tool*Joren Willem Verbist ONLINE**Moderator:** Maria Pascual Sanz**Facilitators** ONLINE: Phoenix Wongpimoln | Pyae Phyto Kyaw**Rapporteur:** Riana van Buuren

Location: B1

10:30 – 11:00

COFFEE BREAK

Location: IHE restaurant (ground floor)

11:00 – 12:30

INTERMEZZO***Three-on-tree: What, how and a strong why on capacity transfer for empowering the new generation***

DISCUSSION | VIDEO TESTIMONIALS

Including youth into securing the future of the water sector, engaging them to imagine *What* can be the vision, *How* global stakeholders can work towards getting there and *Why* it is so essential to realize sustainable ways through which water sector knowledge and capacity can be transferred to youth and empower future generations to become another driver of the sector's innovation.

Chair: Anna San Llorente Capdevila**Moderators:** Naomi Timmer | Faith Olajide ONLINE**Speakers:** Chrysoula Papacharalampou |

Jonatan Godinez | Juanita Ayala

Location: A1a+b

Intergenerational WalkShop

WALK

Get inspired during a 40-minute walk through the beautiful historic city center of Delft. For this self-guided walk, you will be randomly paired with a someone of a different generation and given questions to start-up a conversation. Halfway through the walk you will reach a water-related Delft icon, where you will have the chance to rest for a moment and deepen the dialogue to a more philosophical level. To join the WalkShop come to one of the rooms (based on your age) any time between 11:00 – 11:30 and let the adventure begin!

Location: A2a (over 40) | A2b (under 40)

12:30 – 13:30 **LUNCH**

Location: IHE restaurant (ground floor)

13:30 – 15:00 **TRACK SESSIONS 4****KCD AND INCLUSIVITY***Tracing capacity development impacts*

WORKSHOP

By discussing past and present capacity development initiatives, we will critically examine efforts to strengthen capacity in the water sector and jointly identify lessons learnt and explore different approaches to overcome capacity barriers to advance sustainable and socially just water management practices.

Moderators: Lakshmi Charli-Joseph | Sharlene Gomes

Speakers: Phillip Majeke ONLINE | Brown Gwambene ONLINE | Sreenita Mondal | Suchita Jain | Nandani Dhammika Kumari Dayawansa | Sharlene Gomes

Rapporteur: Dias Prasongko

Location: A2a+b

KCD FOR SDGs*Raising awareness and educating future workforce*

STORY-TELLING | DISCUSSION

Raising awareness and educating the future workforce on sustainability and sustainable development approaches. It takes a wide perspective that includes primary to higher education, formal and informal education, as well as joint learning among experts and local communities. Local case studies and regional and global educational alliances and programmes will be discussed.

Session introduction

Sarah Breslin | Damian Indij

YWP P2P exchange program: Western Balkan countries

Kirsten De Vette

Summary Partners for Water: Landscape-based solutions for bio-cultural diversity

Liliane Geerling

A collaborative capacity strengthening initiative to improve water quality – A case study on a student fellowship program to advance SDG 6

Anna Murray

SafeAgroMENA Project

Hadeel Hosney

Empowering youth: A path to sustainable solutions in tackling water sector challenges in Rwanda

Divine Gloria Tuyikunde ONLINE

Exploring strategies for combating catchment degradation in the Save Basin: A case of Save catchment, Zimbabwe

Edimus Masona ONLINE

Sustainable water futures through civic engagement: Experiences from Kaveri Delta, India

Jyoti Nair ONLINE

Broken streams: The Impact of decentralisation on water and sanitation governance in Pakistan

Shariq Waheed ONLINE

Moderators: Sarah Breslin | Damian Indij

Rapporteur: Gaetano Casale

Location: A1a

KCD FOR PARTNERSHIPS*Collective action and community-based approaches for sustainable water governance and management*

PRESENTATIONS

Exploring how collective action and community-based strategies can tackle water challenges across varied contexts – from peri-urban Indonesia to coastal Africa, and from India to Latin America. Through case studies, the session showcases how local actors, grassroots organizations, and research institutions are co-creating solutions for water governance that are inclusive, resilient, and grounded in local realities.

Community-driven nature-based solutions for addressing water challenges in peri urban area: A case study in Sleman, Yogyakarta (Indonesia)

Novita Rohmana Putri ONLINE

Bridging groundwater research, policy making, and civil society engagement: A collaborative approach for sustainable water governance

Fairouz Slama

Location: A1b

13:30 – 15:00

KCD FOR PARTNERSHIPS (cont'd)**Collective action and community-based approaches for sustainable water governance and management**

PRESENTATIONS

Exploring collective action to foster capacity development for solar pumping: A case studying Karnataka, India
Eileen Jarnholt

Building knowledge on groundwater occurrence, use and salinization through partnerships: A comparative assessment between coastal study sites in Kenya, Egypt And Nigeria
Bessy Kathambi

First application in Chile through the collective action by law n.21075 on gray water recycling: Results and main conclusion
Nicolás Schneider & Natalia Rebolledo

Chair: Akosua Boakye-Ansah

Moderator: Maria Pascual Sanz

Location: A1b

KCD TOOLS**How can (young) water professionals embrace cutting-edge technologies/tools like Artificial Intelligence (AI), respond to current trends and prepare for future challenges and opportunities?**

PRESENTATIONS | DISCUSSION

Speakers will share their work and exchange experiences with participants, reflecting on the transformative potential of technologies such as AI in the water sector, while focusing on skills development and application on the job. Lessons learned and recommendations will be collected, contributing to the international dialogue on the role of lifelong learning in equipping (young) water professionals with the competences (knowledge, skills – tools & hands on – and behavior change) needed to adapt and address the challenges of a rapidly changing world.

Digital transition in the water sector: Insights from Spain
Esther Diez Cebollero ONLINE

Machine learning in water resource management: A review of current applications and future directions
Abdulahi Adem

Responses of wetlands variation due to extensive land use land cover changes: Case study of Keta Lagoon Complex Ramsar Site
Mandy Dzomeku ONLINE

Flood, drought, and pollution disaster early warning system for Inkomati-Usuthu water management area, in South Africa
Tendai Sawunyama ONLINE

Artificial intelligence for sustainable water resource management: A comprehensive review
Shafayet Rahman ONLINE

Moderator: Gerald Augusto Corzo Perez

Facilitators ONLINE: Pyae Phyoe Kyaw | Amin Nawahda

Rapporteur: Raquel dos Santos de Quaij

Location: B1

15:00 – 15:30

COFFEE BREAK

Location: IHE restaurant (ground floor)

15:30 – 17:00

PLENARY – KCD GOVERNANCE AND INVESTMENT

PRESENTATIONS | PANEL DISCUSSION

Presenting the findings of an ongoing initiative to define a comprehensive capacity-building strategy that addresses the needs of the water and sanitation sector across Latin America and the Caribbean. We will share the outcomes of a three-day working group that brought together representatives from major development banks, water utility associations (ANDESCO, ANEAS, ANESAPA, ANEPSSA, ANDESS, etc.), and field professionals from the IHE alumni network.

Moderator: Arlex Sanchez Torres

Participants: Patricia Hernandez | Angela Escarria San Miguel | Marco Antonio Torrico Torrico | Eduardo Bogado

Location: A1a+b

17:00

END OF POSTER SESSION

Location: B6

9:00 – 10:30

TRACK SESSIONS 5

KCD AND INCLUSIVITY

Delft Agenda 2.0

WORKSHOP

With support of a visual artist and the rapporteurs we bring together the key insights of the previous sessions in this track. Based on all sessions, we will jointly draft in an interactive manner input for the Delft Agenda 2.0 with the aim to steer this policy agenda on knowledge and capacity development for the water sector in progressive and inclusive directions.

Moderators: Jeltsje Kemerink-Seyoum | Meg John

Rapporteurs: Rexford Ntansah | Dias Prasongko | Sonja Niederhumer ONLINE | Juliet Kiguli | Farhana Rashid

Location: A2a+b

KCD FOR SDGs

Key lessons and future directions on KCD for SDGs

PRESENTATIONS | DISCUSSION

Discussing lessons learned from knowledge sharing and capacity development for progress toward SDG 6 and other SDGs. The session will also highlight the proceedings and conclusions of the previous track sessions and offer insights from participants, as well as future directions. The session will also contribute to symposium declaration.

Session introduction

Gaetano Casale & Kirsten De Vette

The limits of sponsored transdisciplinary communities of practice: Insights from the WEFE4MED project

Laurent-Charles Tremblay-Levesque

Open discussion: Key lessons and future directions on KCD for SDGs (discussion 1)

Mohsin Hafeez, Mary Wambugu, Rahmah Elfithri, Paolo Sordini, Liliane Geerling & Shubhuti Ghimire ONLINE

Disrupting the sanitation space through collaboration: The role of SASTEP in advancing sanitation innovation in South Africa

Phillip Majeke ONLINE

Open Discussion: Key lessons and future directions on KCD for SDGs (discussion 2)

Themba Gumbo, Kajal Patel, Ngoie Lwaba Christelle, Eric Foto, Anna Murray & Alireza Ramezankhani ONLINE

Key insights from the four KCD symposium sessions on KCDs for SDGs

Ilyas Masih, Vivian Gonzalez & Kirsten De Vette

Moderators: Gaetano Casale | Kirsten De Vette

Rapporteur: Brindha Karthikeyan

Location: A1a

KCD FOR PARTNERSHIPS

Leveraging peer support for locally driven change: How WOPs build on local practices in capacity development

PRESENTATIONS

Examining how Water Operators' Partnerships (WOPs) function across diverse settings, focusing on the dynamics of partner interaction, adaptation, and co-creation. Through case reflections and shared experiences, the discussion explores how external partners align with local realities – or fall short – and what it takes to enable genuinely sustainable, locally led transformation.

Building knowledge and capacity of women self-help groups through sanitation operator partnerships

Yolanda Gomez

Transforming water utilities in Nakuru, Kenya – A journey of vision, investment, and sustainable growth

Gachathi James ONLINE

South-south collaboration as a catalyst for accelerating SDG 6

Shobana Srinivasan

Working together for universal access in Lahan, Nepal – A partnership-led approach

Charlie Ferguson & Kabindra Pudasaini

Chair: Maria Pascual Sanz

Moderator: Bernice Bonsu Adjei Ephraim-Armoo

Location: A1b

9:00 – 10:30

KCD TOOLS

The role of lifelong learning to equip water professionals with the competences needed to adapt and address the challenges of a rapidly changing world

WORKSHOP

Summarizing the main ideas that emerged during the track's presentations and discussions. We will revisit the questions and challenges identified and distil the key points that will be presented as the track's contribution to the symposium's final document. All the track's moderators, rapporteurs, Speakers and participants are kindly invited to join and actively contribute.

Moderators: Emanuele Fantini | Michael McClain

Facilitators ONLINE: Phoenix Wongpimoln | Botagoz Sharipova

Rapporteurs: Miroslava Silva Ordaz | Riana van Buuren

Location: A3a+b

10:30 – 11:00

COFFEE BREAK

Location: IHE restaurant (ground floor)

11:00 – 12:30

PLENARY – CLOSING

Keynote address

Abdulrahman Al Bo Ragheef (IHE Delft MSc student)

Delft Agenda 2.0

New Generation Team

Reflection on Delft Agenda 2.0

Henk Ovink (Global Commission on the Economics of Water)

Feedback from the audience on the Delft Agenda 2.0

Moderator: Neha Mungekar

Location: A1a+b