

TRACK SESSIONS: Wednesday 27 May

14:00-16:00	TRACK 1: MOVING TO AN IMPLEMENTATION SCIENCE																		
	BRIDGES AND BARRIERS IN CAPACITY AND IMPLEMENTATION																		
14:00-15:00	<p>WEBINAR: BRIDGES AND BARRIERS IN CAPACITY AND IMPLEMENTATION</p> <p>This first session is on setting the scene: “What do we understand if we talk about implementation science?” Central in this session are presentations by Michel Wensing and Janet Hering, followed by a Q&A and a discussion.</p> <table border="1"> <tr> <td>Eddy Moors</td> <td>Introduction</td> </tr> <tr> <td>Michel Wensing</td> <td> <p>“What can we learn from Implementation Science in the health sector?”</p> <p>Professor at Heidelberg University for Health Services Research and Implementation Science. He is embedded in the University Hospital, Department of General Practice and Health Services Research. Furthermore, he is affiliated with Radboud University Medical Centre in Nijmegen, Netherlands, and Editor-in-Chief of the journal Implementation Science.</p> </td> </tr> <tr> <td>Janet Hering</td> <td> <p>“Can we introduce Implementation Science for the environment, and what could be the benefit?”</p> <p>Director of Eawag (Swiss Federal Institute of Aquatic Science and Technology), has been Professor for Environmental Biogeochemistry at ETH Zurich since January 2007.</p> </td> </tr> <tr> <td>Eddy Moors</td> <td>Q&A with polls to understand the opinion of the broader public</td> </tr> <tr> <td>Eddy Moors</td> <td>Closure. Introduction to the other sessions of Track 1</td> </tr> </table>	Eddy Moors	Introduction	Michel Wensing	<p>“What can we learn from Implementation Science in the health sector?”</p> <p>Professor at Heidelberg University for Health Services Research and Implementation Science. He is embedded in the University Hospital, Department of General Practice and Health Services Research. Furthermore, he is affiliated with Radboud University Medical Centre in Nijmegen, Netherlands, and Editor-in-Chief of the journal Implementation Science.</p>	Janet Hering	<p>“Can we introduce Implementation Science for the environment, and what could be the benefit?”</p> <p>Director of Eawag (Swiss Federal Institute of Aquatic Science and Technology), has been Professor for Environmental Biogeochemistry at ETH Zurich since January 2007.</p>	Eddy Moors	Q&A with polls to understand the opinion of the broader public	Eddy Moors	Closure. Introduction to the other sessions of Track 1								
Eddy Moors	Introduction																		
Michel Wensing	<p>“What can we learn from Implementation Science in the health sector?”</p> <p>Professor at Heidelberg University for Health Services Research and Implementation Science. He is embedded in the University Hospital, Department of General Practice and Health Services Research. Furthermore, he is affiliated with Radboud University Medical Centre in Nijmegen, Netherlands, and Editor-in-Chief of the journal Implementation Science.</p>																		
Janet Hering	<p>“Can we introduce Implementation Science for the environment, and what could be the benefit?”</p> <p>Director of Eawag (Swiss Federal Institute of Aquatic Science and Technology), has been Professor for Environmental Biogeochemistry at ETH Zurich since January 2007.</p>																		
Eddy Moors	Q&A with polls to understand the opinion of the broader public																		
Eddy Moors	Closure. Introduction to the other sessions of Track 1																		
15:00-16:00	<p>VIDEO CONFERENCE: BRIDGES AND BARRIERS IN CAPACITY AND IMPLEMENTATION</p> <p>This session focuses on the different bridges and barriers we encounter in capacity development. Special attention is on the problems often encountered to implement new innovations being it governance, techniques or others.</p> <p>This session uses 2 parallel virtual roundtables structured as follows:</p> <p>0-5 min: Introduction</p> <p>5 - 50 min: 3 x (5 minute presentation + 10 minute discussion)</p> <p>50 – 60 min: Structured discussion</p> <p>Roundtable 1</p> <table border="1"> <tr> <td>#36</td> <td>D'Agnolo Vallan</td> <td>Developing soft skills as core strategy to secure and speed up science implementation for water security</td> </tr> <tr> <td>#151</td> <td>Terwisscha van Scheltinga et al</td> <td>Challenges for effective delivery of capacity development: Capacity development for implementation of the Bangladesh Delta Plan 2100</td> </tr> <tr> <td>#153</td> <td>Pascual Sanz et al</td> <td>Dynamics of partnerships between peer-water operators to support positive organizational change, an extended development approach in the water sector</td> </tr> </table> <p>Roundtable 2</p> <table border="1"> <tr> <td>#166</td> <td>Graham & Taylor</td> <td>Social change innovations and wise catchment management – a Southern African perspective</td> </tr> <tr> <td>#170</td> <td>Schmitt & Husman</td> <td>The WHO Tricycle project – One Health Surveillance of antibiotic resistance</td> </tr> <tr> <td>#220</td> <td>Kasperma & Alaerts</td> <td>Progress and challenges in capacity development – where are we now?</td> </tr> </table>	#36	D'Agnolo Vallan	Developing soft skills as core strategy to secure and speed up science implementation for water security	#151	Terwisscha van Scheltinga et al	Challenges for effective delivery of capacity development: Capacity development for implementation of the Bangladesh Delta Plan 2100	#153	Pascual Sanz et al	Dynamics of partnerships between peer-water operators to support positive organizational change, an extended development approach in the water sector	#166	Graham & Taylor	Social change innovations and wise catchment management – a Southern African perspective	#170	Schmitt & Husman	The WHO Tricycle project – One Health Surveillance of antibiotic resistance	#220	Kasperma & Alaerts	Progress and challenges in capacity development – where are we now?
#36	D'Agnolo Vallan	Developing soft skills as core strategy to secure and speed up science implementation for water security																	
#151	Terwisscha van Scheltinga et al	Challenges for effective delivery of capacity development: Capacity development for implementation of the Bangladesh Delta Plan 2100																	
#153	Pascual Sanz et al	Dynamics of partnerships between peer-water operators to support positive organizational change, an extended development approach in the water sector																	
#166	Graham & Taylor	Social change innovations and wise catchment management – a Southern African perspective																	
#170	Schmitt & Husman	The WHO Tricycle project – One Health Surveillance of antibiotic resistance																	
#220	Kasperma & Alaerts	Progress and challenges in capacity development – where are we now?																	
14:00-16:00	TRACK 2: CAPACITY TO OPERATE UNDER COMPLEXITY AND UNCERTAINTY																		
	PLANNING, MONITORING AND EVALUATION FOR IMPACT IN COMPLEX SETTINGS																		
14:00-15:00	<p>WEBINAR: PLANNING, MONITORING AND EVALUATION FOR IMPACT IN COMPLEX SETTINGS</p> <table border="1"> <tr> <td>Malik Fida A Khan</td> <td>Welcome and introduction</td> </tr> <tr> <td>#90 Kale & Pinnjan</td> <td>Applying Transformative Scenario Planning Process for transforming the Behaviour of Water Users</td> </tr> <tr> <td>#111 Van Soelen</td> <td>Using Most Significant Change stories to measure the results of capacity development.</td> </tr> </table>	Malik Fida A Khan	Welcome and introduction	#90 Kale & Pinnjan	Applying Transformative Scenario Planning Process for transforming the Behaviour of Water Users	#111 Van Soelen	Using Most Significant Change stories to measure the results of capacity development.												
Malik Fida A Khan	Welcome and introduction																		
#90 Kale & Pinnjan	Applying Transformative Scenario Planning Process for transforming the Behaviour of Water Users																		
#111 Van Soelen	Using Most Significant Change stories to measure the results of capacity development.																		
15:00-16:00	<p>VIDEO CONFERENCE: PLANNING, MONITORING AND EVALUATION FOR IMPACT IN COMPLEX SETTINGS</p> <table border="1"> <tr> <td>Malik Fida A Khan</td> <td>Welcome and introduction</td> </tr> <tr> <td>#191 Byrns et al</td> <td>Applying systems thinking approaches to overcome intractable water sector governance challenges in Malawi</td> </tr> <tr> <td>#158 Sadik et al</td> <td>Motivation and Ability of Institutions for Participatory Management of Coastal Polders in Bangladesh: An Application of the MOTA Framework</td> </tr> <tr> <td>Slotema et al</td> <td>Impact measurement using Sprockler: Experiences, benefits and limitations</td> </tr> <tr> <td>Vonk</td> <td>Quantitative impact evaluations for Sustainable Water and Sanitation</td> </tr> <tr> <td>Leal-Lara</td> <td>The Netherlands-Mexico water cooperation: A policy implementation perspective</td> </tr> <tr> <td>Walawalker</td> <td>Theory-Based Evaluation of Induced Behavioural Change by Climate Change Adaptation Plan in India</td> </tr> </table>	Malik Fida A Khan	Welcome and introduction	#191 Byrns et al	Applying systems thinking approaches to overcome intractable water sector governance challenges in Malawi	#158 Sadik et al	Motivation and Ability of Institutions for Participatory Management of Coastal Polders in Bangladesh: An Application of the MOTA Framework	Slotema et al	Impact measurement using Sprockler: Experiences, benefits and limitations	Vonk	Quantitative impact evaluations for Sustainable Water and Sanitation	Leal-Lara	The Netherlands-Mexico water cooperation: A policy implementation perspective	Walawalker	Theory-Based Evaluation of Induced Behavioural Change by Climate Change Adaptation Plan in India				
Malik Fida A Khan	Welcome and introduction																		
#191 Byrns et al	Applying systems thinking approaches to overcome intractable water sector governance challenges in Malawi																		
#158 Sadik et al	Motivation and Ability of Institutions for Participatory Management of Coastal Polders in Bangladesh: An Application of the MOTA Framework																		
Slotema et al	Impact measurement using Sprockler: Experiences, benefits and limitations																		
Vonk	Quantitative impact evaluations for Sustainable Water and Sanitation																		
Leal-Lara	The Netherlands-Mexico water cooperation: A policy implementation perspective																		
Walawalker	Theory-Based Evaluation of Induced Behavioural Change by Climate Change Adaptation Plan in India																		

15:15-17:10	TRACK 3: CAPACITY FOR MANAGING CONFLICT AND NEGOTIATION
15:15-17:10	WEBINARS: MANAGING CONFLICT AND NEGOTIATION
15:15-16:10	Key technical challenges #17 Elhatow Climate change as an opportunity for cooperation in the Blue Nile River Basin under the Water-Energy-Food (WEF) Nexus #172 Ladel Capacity Development in Water Resources Management
15:15-16:10	Taking stock #66 Janusz-Pawletta Building up of a regional educational program for better informed policy making. Case study from the Central Asia
16:15-17:10	The universities partnership What can universities and knowledge institutions do for water diplomacy?
14:00-16:00	TRACK 4: CAPACITY IN UTILITIES AND OTHER INSTITUTIONS TO ACHIEVE THE 'LAST MILE' OF THE SDGs
	GOOD PRACTICES IN IMPLEMENTING SDGs: CAPACITY GAPS AND NEEDS
14:00-16:00	WEBINAR: GOOD PRACTICES IN IMPLEMENTING SDGs: CAPACITY GAPS AND NEEDS Mosai Capacity Building as a requirement for sustainable management #103 Alli et al WATER UTILITY TRAINING AND CAPACITY DEVELOPMENT IN URBAN WATER AND SANITATION IN SOUTHERN AFRICA REGION #183 Van den Brink-Bil et al Holistic approach in capacity development of a Tanzanian Water and Sanitation utility. Case study: improvement of speed and quality of leakage repair in Mwanza, Tanzania
10:00-12:00	TRACK 5: CAPACITY BUILDING FOR WATER FINANCE
	WATER FINANCE PRACTICES, CHALLENGES AND UNDERSTANDING
10:00-11:10	WEBINAR: WATER FINANCE PRACTICES, CHALLENGES AND UNDERSTANDING 1 #155 Mohammad Said Al Hmaid, Rashed Al-Saéd A Review of the Financial and Commercial Viability of Water and Wastewater Service Providers in Palestine Anouj Mehta Blending and Leveraging Finance for the Water Sector in Asia – Perspectives and Initiatives
11:10-12:00	WEBINAR: WATER FINANCE PRACTICES, CHALLENGES AND UNDERSTANDING 2 Panel discussion with: Anouj Mehta (ADB), Sean Kidney (Climate Bonds Initiative), David van Ee/Jaco Belder (NautaDutilh)
14:00-16:00	TRACK 6: ACCELERATING KNOWLEDGE SHARING AMONG ORGANIZATIONS IN CIVIL SOCIETY
14:00-16:00	WEBINARS: ACCELERATING KNOWLEDGE SHARING
14:00-16:00	Partnerships #16 Beck Capacity Development and the Pitfalls of Professionalization in Water Operator Partnerships #104 Omiste et al Knowledge and Capacity building in the Water and Environment Sector: A group life experience #195 Gunawardana et al Impact of Networking and Partnerships for Water Capacity Development, Learning and Knowledge Exchanges
14:00-16:00	Methods for knowledge sharing and learning #83 Ouma Water Sector-Wide Assessment on Human Capacity Development Needs in Kenyan. #121 Diaz-Delgado et al Tactical Strategic Plan for Integrated Water-Energy-Food Resources Management by Hydro-Social Watershed #163 Martel & Sutherland Governing river rehabilitation projects for transformative capacity development in Durban, South Africa #168 Myers Strengthening Government Peer-to-Peer Action Learning Through Rapid Action Learning Workshops #9 Tawfik Enabling Environment to Participation for Water Secure World #27 Danert Raising professionalism in water well drilling through a myriad of methods over 15 years #128 Sabbatini & Indij Water Capacity Development Organisations Roles in Support of SDG 6.5.1 and SDG 6.5.2: mapping challenges', opportunities, and setting the way forward

14:00-16:00	Reaching & engaging local communities #110 Pillai & Narayanan Contextual Knowledge Production and Capacity Building in Participatory Sanitation Planning: A Case Study from Kerala, India #139 Kunlere & Alonge Harnessing traditional communication mediums for effective awareness creation, knowledge transfer and public participation for driving water security in rural areas in Nigeria #205 Veldman & Holtslag Accelerating knowledge sharing and capacity building through the using of faith group
ANY TIME	TRACK 7: ENHANCING COMPETENCE DEVELOPMENT IN EDUCATION AND TRAINING
ANY TIME	ASYNCHRONOUS INTERACTION WITH CONTENT
	Which competences do we need for sustainable water futures? #30 Cooley & Peter-Cookey BUILDING THE CAPACITY OF SANITATION WORKERS/PROFESSIONALS IN SUB-SAHARAN AFRICAN CITIES: A CASE OF NIGERIA #173 Russell & Ottow The application of learning theory and practice in capacity development for improved water management.
	Collaborations in building competences: inter, trans or post-disciplinary learning #211 Eduvie INTEGRATED CAPACITY DEVELOPMENT FOR IMPROVED WATER SUPPLY SERVICES: CASE STUDY OF TARGET SPECIFIC TRAININGS IN THE WATER SECTOR OF NIGERIA
	Blended learning for competences and capacities: technology and pedagogy #114 van Krimpen et al Blended Learning Method as a Solution to Geographical & Funding Challenges in Indonesia #180 Benjamin & Hueso Accelerating scale, sustainability and equity in rural sanitation programming through online participatory learning
14:00-16:00	TRACK 8: USING 'BIG DATA', ICT, AI AND E-BASED TOOLS
	HOW TO IMPROVE DATA RE-USE: FROM DATA ACQUISITION TO CAPACITY DEVELOPMENT
14:00-15:00	WEBINAR: HOW TO IMPROVE DATA RE-USE: FROM DATA ACQUISITION TO CAPACITY DEVELOPMENT Camara tbd #57 Dietrich & Recknagel The Global Terrestrial Network – Hydrology (GTN-H) #181 Recknagel et al A Discoverability Service for Terrestrial Hydrological Data #212 Sterckx et al On-line platforms in support of international groundwater cooperation and capacity building
15:00-16:00	VIDEO CONFERENCE: RECOMMENDATIONS
	Invited participants discuss recommendations for the Delft Agenda
	TRACK 9: FROM THE COMMUNITY
ANY TIME	THE DIGITAL DIVIDE – EXPERIENCES AND EXPERIMENTS WITH VIRTUAL EVENTS
See THURS	GENDER MATTERS: ORGNANISATIONAL IMPLEMENTATION & CAPACITY DEVELOPMENT