

## WASA Programme Kick-off Conference (18/09/2024)

**Date/Time:** 25 – 27 September 2024

**Location/Venue:** Wallenberg Conference Centre at STIAS (Stellenbosch, South Africa)

### Detailed Programme (final)

25 SEPTEMBER 2024 (WEDNESDAY)						
Time	Agenda Point					Chair/Presenter
12.30 – 17.30	Registration and Information					WASANet
13.00 – 17.00	Project meetings (internal, invitations only)					
	WaMiSAR	MAMDIWAS	SeeKaquA	NEU-Water	WASANet	
17.30 – 20.00	WASA Icebreaker/Reception (at Wallenberg Conference Centre at STIAS)					

26 SEPTEMBER 2024 (THURSDAY)						
Time	Agenda Point					Chair/Presenter
07.30 – 18.00	Registration and information					WASANet
08.30 – 08.50	<b>Opening and Welcome</b> <b>Lindiwe Lusenga</b> (DWS- Department of Water and Sanitation South Africa; Deputy Director General) <b>Dr. Rainer Müssner</b> (BMBF-Federal Ministry of Education and Research, Germany)					Chair: Dr. Joerg Helmschrot (KIT/WASANet)

	<b>Dr. Nico Elema</b> (Stellenbosch University, South Africa)	
<b>08.50 – 09.10</b>	<b>Keynote: Water Security</b> Prof. H. Kasan	Chair: Dr. Joerg Helmschrot (KIT/WASANet)
<b>09.10 – 09.20</b>	<b>Overview of the WASA Programme</b>	Dr. Leif Wolf (PTKA)
<b>09.20 – 09.30</b>	<b>WRC Remarks on the WASA Partnership</b>	Mr. Jay Bhagwan (WRC)
<b>09.30 – 10.30</b>	<b>Project Presentation: Block: Hydrological Forecasts and Management of Hydrologic Extremes</b> <i>(30 min per project: 20 min for joint presentation by African and German Project Speakers, 10 min discussion)</i>	Chair: Dr. Nico Elema (SANWATCE/WASANet)
	<ol style="list-style-type: none"> <li><b>1. Co-HYDIM-SA:</b> Co-design of a hydrometeorological information system for sustainable water resources management in southern Africa</li> <li><b>2. WaRisCo:</b> Water Risks and Resilience in Urban-Rural Areas in Southern Africa - Co-Production of Hydro-Climate Services for an Adaptive and Sustainable Disaster Risk Management</li> </ol>	<ol style="list-style-type: none"> <li><b>1. Co-HYDIM-SA</b> <ul style="list-style-type: none"> <li>• Prof. Dr. Andreas Fink, Karlsruhe Institute of Technology (KIT)</li> <li>• Prof. Dr. Gizaw Mengistu Tsidu, Botswana University of Science and Technology (BIUST)</li> </ul> </li> <li><b>2. WaRisCo</b> <ul style="list-style-type: none"> <li>• Dr. Sophie Biskop, Friedrich Schiller University Jena</li> <li>• Prof. Dr. Francois Alwyn Engelbrecht, University of the Witwatersrand</li> </ul> </li> </ol>
<b>10.30 – 11.00</b>	<i>Comfort Break</i>	
<b>11.00 – 12.30</b>	<b>Project Presentation: Block: Water Infrastructure and Water Technology</b> <i>(30 min per project: 20 min for joint presentation by African and German Project Speakers, 10 min discussion)</i>	Chair: Prof. Dr. Gideon Wolfaardt (SUWI/WASANet)
	<ol style="list-style-type: none"> <li><b>3. WaReNam:</b> Multi-Scale Water Reuse Strategy for Namibia: Technology, Governance and Capacity Development</li> <li><b>4. NEU-Water:</b> Nature Engineered Urban design for Water Recycling and Reuse</li> <li><b>5. MAMDIWAS:</b> Making mining-influenced water a driver for change to improve water security in South Africa</li> </ol>	<ol style="list-style-type: none"> <li><b>3. WaReNam</b> <ul style="list-style-type: none"> <li>• Dr.-Ing. Martin Zimmermann, Institute for Social-Ecological Research (ISOE)</li> <li>• Maria Amakali, Ministry of Agriculture, Water and Land Reform (MAWLR)</li> </ul> </li> </ol>

		<p><b>4. NEU-Water</b></p> <ul style="list-style-type: none"> <li>• Prof. Dr. Wolfgang Dickhaut, HafenCity University Hamburg</li> <li>• Assoc. Prof. Kevin Winter, University of Cape Town</li> </ul> <p><b>5. MAMDIWAS</b></p> <ul style="list-style-type: none"> <li>• Prof. Dr.-Ing. Stefan Panglisch, University of Duisburg-Essen</li> <li>• Prof. Dr. Richard Moutloali, University of South Africa (UNISA)</li> </ul>
12.30 – 12.35	Group Photo	GWP
12.35 – 13.30	Lunch	
<b>13.30 – 14.30</b>	<b>Project Presentation: Block: Sustainable Water Resources Management</b> <i>(30 min per project: 20 min for joint presentation by African and German Project Speakers, 10 min discussion)</i>	Chair: Boris Greifeneder (GWP/WASAnet)
	<p><b>6. SeeKaQuA:</b> Semi-airborne electromagnetic exploration of Kalahari’s aquifers, Africa</p> <p><b>7. WaMiSAR:</b> Sustainable and climate adapted Water Management in Mining in the Southern African Region</p>	<p><b>6. SeeKaQuA</b></p> <ul style="list-style-type: none"> <li>• Dr. Raphael Rochlitz, Leibniz Institute for Applied Geophysics (LIAG)</li> <li>• Dr. Josefina Hamatuko, University of Namibia; Dr. Kawawa Banda (University of Zambia)</li> </ul> <p><b>7. WaMiSAR</b></p> <ul style="list-style-type: none"> <li>• Prof. Dr. Stefan Norra, University of Potsdam</li> <li>• Dr. Martin Schneider, Desert Research Foundation of Namibia</li> </ul>
<b>14.30 – 15.00</b>	<b>Project Presentation – Moderated discussion</b>	Chair: Dr. Marelize Botes (SUWI/WASAnet)
<b>15.00 – 15.15</b>	<b>Introduction group work (Aim, Group setting)</b>	Chair: Marie-Louise Chagnaud (GWP/WASAnet)

15.15 – 15.30	Comfort Break	
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15.30 – 17.30	<b>Thematic Working Groups</b>			<b>WASA Governing Board Meeting</b>	Rapporteur 1: Marie-Louise Chagnaud (GWP/WASANet) Rapporteur 2: Dr. Marelize Botes (SUWI/WASANet) Rapporteur 3: Carinus de Kock (SANWATCE/WASANet)
	<b>Group 1: Decision Support</b>  <i>Chair: Dr. S. Biskop, FSU Jena</i>	<b>Group 2: Technical innovation</b>  <i>Chair: Dr. R. Rochlitz, LIAG</i>	<b>Group 3: Capacity Building</b>  <i>Chair: J.-M. Kileshye Onema, WATERNET</i>		
17.30 – 17.45	<b>Closure and wrap up</b>			Chair: Dr. Joerg Helmschrot (KIT/WASANet)	
18.30	<i>WASA Networking Dinner at Wine Estate Middelvlei</i> Transport by bus: Departure 17:45 and 18:15 Please bring warm clothes!			Host: BMBF	

<b>27 SEPTEMBER 2024 (FRIDAY)</b>		
<b>Time</b>	<b>Agenda Point</b>	<b>Chair/Presenter</b>
07.30 – 12.30	<i>Registration and information</i>	WASANet
08.30 – 08.45	<b>Welcome from the WASA Governing Board</b> Joanna Fatch, AMCOW (tbc)	Chair: Dr. Nico Elema (SANWATCE/WASANet)
08.45 – 09.00	<b>WASANet – Perspectives and Support Options</b>	Dr. Joerg Helmschrot (KIT/WASANet)
09.00 – 09.30	<b>Outcomes from the Thematic Working Groups</b> <i>(presented by the group rapporteurs)</i>	Chair: Dr. Marelize Botes (SUWI/WASANet)
09.30 – 10.00	<b>Private Sector Forum: Presentation of Industry Engagement in WASA</b> (5 minutes company presentations) - Sensatec GmbH/Sensatec Africa Ltd.	Chair: Marie-Louise Chagnaud (GWP/WASANet)

	<ul style="list-style-type: none"> <li>- Aquantec</li> <li>- Hydroisotop GmbH</li> <li>- SYDRO Consult GmbH</li> <li>- Terratec</li> </ul>	
<b>10.15 – 10.30</b>	<b>Introducing the Task Forces on Cross-cutting topics for the coming years</b>	Chair: Dr. Joerg Helmschrot (KIT/WASANet)
<i>10.15 – 10.30</i>	<i>Comfort Break</i>	

<b>10.30 – 12.00</b>	<b>Task Force Group (TFG) Meetings (Cross-cutting topics)</b>				
	<b>Innovations in water governance and Economics</b>  <i>Chair: Dr.-Ing. M. Zimmermann, ISOE</i>	<b>Digitalization and early-warning systems for water security</b>  <i>Chair: Prof. Dr. A. Fink, KIT</i>	<b>Water transition: Re-thinking water use</b>  <i>Chair: Prof. Dr. W. Dickhaut, HafenCity Uni Hamburg</i>	<b>Groundwater and Mine Water management</b>  <i>Chair: Prof. Dr. S. Norra, U Potsdam</i>	Rapporteur 1: Marie-Louise Chagnaud (GWP/WASANet) Rapporteur 2: Dr. Marelize Botes (SUWI/WASANet) Rapporteur 3: Carinus de Kock (SANWATCE/WASANet) Rapporteur 4: TBC
<b>12.15 – 12.30</b>	<b>Report from Task Forces and Plenary Discussion</b>				Chair: Marie-Louise Chagnaud (GWP/WASANet)
<b>12.30 – 12.45</b>	<b>Wrap up, next steps</b>				Dr. Joerg Helmschrot (KIT/WASANet)
<b>12.45 – 13.00</b>	<b>Closure of Meeting (Ministries of the WASA Governing Board)</b>				
	<i>End of meeting</i>				
<i>13.00 – 14.00</i>	<i>Lunc</i>				
<i>14.00 – 17.00</i>	<b>Excursion / Individual Project Meetings (self-organised)</b>				<i>WASANet</i>

## Organisation and Logistics

Chair:	<ol style="list-style-type: none"><li><b>Dr. Joerg Helmschrot (KIT, WASANet)</b> Mail: joerg.helmschrot@kit.edu</li><li><b>Dr. Nico Elema (SANWATCE)</b> Mail: ne@sun.ac.za</li></ol>
Technical Aspects and Logistics:	<ol style="list-style-type: none"><li><b>Mr Carinus de Kock (SANWATCE)</b> Mail: dekokck@sun.ac.za P: +27 83 5734240</li><li><b>Dr. Joerg Helmschrot (KIT, WASANet)</b> Mail: joerg.helmschrot@kit.edu P: +27 72 9243712; +264 81 3853808</li></ol>