

Blue Stage - Conference Program

8th July 2025 - Tuesday

Session	Time	Agenda	Supporting Partner
Session 1	12.00 - 13.00	Advancing Resilience and Water Security Through Smart Water and Sanitation Innovations	Water Research Commission (WRC)
	13.00 - 14.00	Lunch Break	
Session 2	14.00 - 15.00	WaterWise : Smart Tech & Strong Alliances	Strategic Water Partners Network (SWPN)
	15.00 - 15.15	Session Transition & Refresh Break	
Session 3	15.15 - 16.15	Improving Municipal Performance: Accountability, Skills Development, and Service Delivery in the Water Sector	Water Institute of Southern Africa (WISA)

9th July 2025 - Wednesday

Session	Time	Agenda	Supporting Partner
Session 1	11.00 - 12.00	Research and Economic Cooperation in Southern Africa; Organisation of a panel with WASA projects and Reuse/Daimler & FiW e.V.	German Water Partnership (GWP)
	12.00 - 12.15	Session Transition & Refresh Break	
Session 2	12.15 - 13.15	Building Resilience: Climate-Smart Water and Sanitation Infrastructure	Frost and Sullivan
	13.15 - 14.00	Lunch Break	
Session 3	14.00 - 15.00	Innovative Approaches to Water Conservation and Future Challenges in Water Supply for Businesses	Bavarian Ministry of Economic Affairs, Regional Development and Energy
	15.00 - 15.15	Session Transition & Refresh Break	
Session 4	15.15 - 16.15	Utilities United: Building Capacity through German – South African Operator Partnerships	German Water Partnership (GWP)

10th July 2025 - Thursday

Session	Time	Agenda	Supporting Partner
Session 1	10.30 - 12.00	Future-proof Water Strategies - Innovative approaches from Science and Industry	German Academic Exchange Service (DAAD) and German Water Partnership (GWP)
	12.00 - 12.15	Session Transition & Refresh Break	
Session 2	12.15 - 13.15	The Importance of Asset Maintenance - A Closer look at the Lesotho Highlands Water Project	Corrosion Institute of Southern Africa (CorriSA)
	13.15 - 14.00	Lunch Break	
Session 3	14.00 - 15.00	TBD	

Blue Stage

8th July 2025

09.00 – 10.30 Welcome / VIP Gathering

10.30 – 12.00 Inauguration Ceremony

12.00 – 13.00 **Session 1**
Supporting Partner: World Research Commission (WRC)

Title: Advancing Resilience and Water Security Through Smart Water and Sanitation Innovations

Session Moderator:

- Phillip Majeke
Commercialisation Manager Water Research Commission

Speakers:

- Roger Macdonald
Development Manager, Davis & Deale
- Paseka Lesolang
Chief Executive Officer, WHC Solutions
- Letsatsi Lesufi
Operations Director, Prana Water and Sanitation
- Musawenkosi Ndlovu
Owner & Managing Director, Protege Technical (Pty) LTD
- Lesego Gaegane
Senior Project Manager, Water Research Commission.

13.00 – 14.00 Lunch Break

14.00 – 15.00 **Session 2**
Supporting Partner: Strategic Water Partners Network (SWPN)

Title: WaterWise: Smart Tech & Strong Alliances

Session Moderator:

- Peter Varndell
CEO of the NEPAD Business Foundation -Host of the Strategic Water Partners Network

15.00 – 15.15 Changeover Break

15.15 – 16.15:

Session 3

Supporting Partner: Water Institute of Southern Africa (WISA)

Title: WaterWise: Improving Municipal Performance: Accountability, Skills Development, and Service Delivery in the Water Sector

Keynote Presentation:

- Dr Lester Goldman, WISA CEO
Chief Executive Officer, Water Institute of Southern Africa (WISA)

Speaker:

- TBD

11.00 – 12.00

Session 1

Supporting Partner: German Water Partnership (GWP)

Title: Water Security in Africa through joint innovation: German-African Research Cooperation and Private Sector Engagement in the WASA Programme

Session Moderator:

- Manuel Krauss

Head of International Cooperation and Resource Efficiency
FiW – Research Institute for Water Management and Climate
Future at RWTH Aachen University

Speaker:

- Dr. Joerg Helmschrot

Senior Project Coordinator, Karlsruhe Institute of Technology (KIT)

Presentation Title: Introducing the Research Programme Water Security in Africa: Three Thematic Fields and 7 Collaborative Research Projects

Project Presentations: (2x15 min)

Presentation Title: Recycling & reuse of greywater and stormwater

- Kevin Winter

Future Water Institute, University of Cape Town,
Consortium Speaker in Africa (tbc)

Presentation Title: mine water treatment

- Prof. Dr. Richard Moutloali
- University of South Africa

Panel Discussion: “How can Integration of Research-Cooperation with Private Sector become a success story”

Session Moderator:

(TBC)

Panellists:

- **Dr. Mamohlodig Thlagale**
Head of Partnerships and Business Development, Water Research Commission of South Africa
- **Dr. Joerg Helmschrot**
- **Prof. Dr. Richard Moutloali**
Professor, University of South Africa
- **Kevin Winter**
Future Water Institute, University of Cape Town,
Consortium Speaker in Africa (tbc)
- **Manuel Krauss**
Head of International Cooperation and Resource Efficiency
FiW – Research Institute for Water Management and Climate
Future at RWTH Aachen University

12.00 – 12.15: Changeover Break

12.15 – 13.15: **Session 2**
Supporting Partner: Frost and Sullivan

Title: Building Resilience: Climate-Smart Water and Sanitation Infrastructure

Session Moderator:

- **Hendrik Malan**
Partner & Africa CEO, Frost & Sullivan

Panellists:

- **Rudy Roberts**
Founder & CEO, The Mega Water Corporation
- **Sudhir Pillay**
Research Manager: Sanitation, Water Research Commission
- **Gavin Kode**
Special Advisor to the Minister of Public Works & Infrastructure,
Department of Public Works and Infrastructure
- **Clemens Pretorius**
Business Development Manager, WILO South Africa

13.15 – 14.00: Lunch Break

14.00 – 15.00:

Session 3

Supporting Partner: Bavarian Ministry of Economic Affairs,
Regional Development and Energy

Title: Innovative Approaches to Water Conservation and Future
Challenges in Water Supply for Businesses

Session Moderator:

- Vera Massie
Water Portfolio Manager, Competence Centre Climate and
Environment

Panellists:

- Tobias Gotthardt
Vice Minister at the Bavarian Ministry of Economic Affairs,
Regional Development and Energy, Ministry of Economic Affairs,
Regional Development and Energy
- Anton Bredell
Minister for Local Government, Environmental Affairs and
Development Planning of the Western Cape, Western Cape
Government

15.00 – 15.15:

Changeover Break

15.15 – 16.15:

Session 4

Supporting Partner: German Water Partnership (GWP)

Title: Utilities United: Building Capacity through German South
African Operator Partnerships

Session Moderator:

- Manuel Krauss
Head of International Cooperation and Resource Efficiency
FiW – Research Institute for Water Management and Climate
Future at RWTH Aachen University

Case Presentations:

Presentation Title: Infrastructure maintenance, digital tools,
asset management

- Mkhusele Nongogo (BCMM)
OOWV & Buffalo City Metropolitan Municipality (BCMM)

Presentation Title: Leakage reduction, non-revenue water strategies, training and exchange

- **Pinky Kunene**
Hamburg Wasser & eThekweni/Durban

Panel Discussion: "What Makes Utility Cooperation Work?"

Session Moderator:

- **Manuel Krauss**
Head of International Cooperation and Resource Efficiency
FiW – Research Institute for Water Management and Climate
Future at RWTH Aachen University

Panellists

- **Andreas Bichler**
Chief Executive Officer, DEHOUST GmbH
- **Dirk Schäfer**
Project Director – Low Carbon and Climate Resilient Water and
Wastewater Management, South Africa
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
GmbH
- **Mkhuseli Nongogo (BCMM)**
OOWV & Buffalo City Metropolitan Municipality (BCMM)

Presentation Title: Leakage reduction, non-revenue water strategies, training and exchange

- **Pinky Kunene**
Hamburg Wasser & eThekweni/Durban

10.30 – 12.00

Session 1

Supporting Partner: German Academic Exchange Service (DAAD) and German Water Partnership (GWP)

Title: Future-proof water strategies – innovative approaches from science and industry

- **Christian Schepers**
Export Manager at Hermann Sewerin GmbH | Deputy Head of the Regional Forum Africa at German Water Partnership
- **Clemens Pretorius**
Business Development Manager, WILLO Pumps South Africa
- **Charl McAllister**
Head of Department: Marketing Endress + Hauser Group
- **Manuel Krauss**
Head of International Cooperation and Resource Efficiency at FiW – Research Institute for Water Management and Climate Future at RWTH Aachen University

Presentations: (6 x 7 min)

- **Ehab Mostafa, Ph.D.**
Faculty of Agriculture, Cairo University, Egypt
Presentation Title: Sustainable Water Use in Africa - The Case of Egypt
- **Lawrence Linus Wakdet**
Sa'lAnward'lJumai Consultaire Limited (SCL)
Presentation Title: Multiple Borehole drilling and dropping water levels: Imperatives for Sustainable Regenerative farming and energy-efficient technologies in northeast Nigeria
- **Khalid Guma Biro Turk**
Faculty of Agricultural and Environmental Sciences, University of Gadarif

Presentation Title: Sustainable Water Management for Wheat Using Remote Sensing and SEBAL Model under Modern Irrigation System in Sudan

• Ahmed Laaziz Youness

Professor of Geosciences and Remote Sensing, E.N.S Rabat
Mohammed V University, Rabat, Morocco.

Presentation Title: Remote Sensing and GIS for Circular Water Management in Arid Regions: A Case Study from Doukkala, Morocco

• Agbortoko M. Ayuk Nkem

Associate Professor of Urban Geography and Environmental Management, University of Buea, Cameroon

Presentation Title: Climate Change and Water Scarcity: Challenges and Opportunities for Agriculture in Cameroon

• Ugochi Adaku Okengwu, (Ph.D.)

Ag HOD, Computer Science Department, University of Port Harcourt, River's state, Nigeria

Presentation Title: Climate Change and Water Scarcity: Challenges and Opportunities for Agriculture in Developing Countries

Panel Discussion: From Pilot to Practice – What Do African Water Markets Truly Need?

12.00 – 12.15

Changeover Break

12.15 – 13.15

Session 2

Supporting Partner: Corrosion Institute of Southern Africa (CorrISA)

Title: The importance of asset maintenance – A closer look at the Lesotho Highlands Water Project

Session Moderator:

• Petra Mitchell

Executive Director
Corrosion Institute of Southern Africa

Panellist:

• Craig Hasenjager

Project Manager AMD
Trans-Caledon Tunnel Authority

- Reentseng Molapo
Divisional Manager Development & Operations
Lesotho Highlands Development Authority
- Mr. Neil Webb
Technical Director, isiFundi

13.15 – 14.00	Lunch Break
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14.00 – 15.00	Session 3 Supporting Partner: Women in Sustainability
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