



WRC SYMPOSIUM

INNOVATION IN EVERY DROP

11 TO 13 SEPTEMBER 2019

Managing Uncertainty and Building Capability through Collaboration

WRC SYMPOSIUM DAY
Wednesday, 11th September 2019

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SANDTON CONVENTION CENTRE

08:00 - 09:00 REGISTRATION OPEN

09:00 - 10:45

OPENING PLENARY

Chair: Dr Ntombi Nala (WRC Board Member)
Welcome: Dr Nozi Mjoli (WRC Board Chair)
Keynote address: Wambui Gichuri (Director, AFDB)
Innovation address: Dhesigen Naidoo (WRC CEO)
Ministerial address: Minister Lindiwe Sisulu (DHSWS)
Venue: Ballroom 2&3

10:45 - 11:00 TEA/COFFEE BREAK

TECHNICAL SESSIONS:

11:00 - 13:00

Session 1:

SOCIAL INNOVATION
Session with Civil Society
Chair: Claudia Saddof (IWM DG)
Venue: Ballroom 2
[to be opened by Minister]

Session 2:

INNOVATION & NEXUS THINKING
WEF Nexus Status, – concepts and discourse
Chair:
Venue: Ballroom 3
Organiser: Prof S Mpendeli

Session 3:

DESIGN THINKING
Water Sensitive Design
Chair:
Venue: Ballroom 4
Organiser: JN Bhagwan

Session 4:

USAID WASHFIN AND IORA
Venue: Boardroom 1
Organiser: Mamohlodig Tihagale

Session 5:

CHINA-AFRICA WATER SUMMIT: JOINING EFFORTS TO FIGHT GLOBAL WATER CRISIS [FULL-DAY]
Venue: Boardroom 2
Organiser: Mamohlodig Tihagale
Venue: Boardroom 2

Session 6:

SUSTAINABLE MINE CLOSURE
Chair: Water Board CEO, TBC
Venue: boardroom 3
Organiser: John Zvimba

13:00 - 14:00 LUNCH AND EXHIBITION

14:00 - 15:00

Session 7:

INNOVATIVE SANITATION
Developments towards a new Sanitation circular economy
Chair:
Venue: Ballroom 2
Organiser: Charmaine Twala

Session 8

WATER INNOVATION AND INTELLECTUAL PROPERTY IN SOUTH AFRICA.
Chair: Evah Phago
Venue: Ballroom 3
Organiser: Thabo Mthombeni

Session 9:

WATER AND BIG DATA
New Tools for Data and Information Management
Chair:
Venue: Ballroom 4
Organiser: Shafick Adams & Shanna Nienaber

Session 10:

EMERGING DIRECTIONS IN WATER GOVERNANCE RESEARCH
Chair:
Venue: Boardroom 1
Organiser: John Dini

CHINA-AFRICA WATER SUMMIT: JOINING EFFORTS TO FIGHT GLOBAL WATER CRISIS [FULL-DAY]
Venue: Boardroom 2
Organiser: Mamohlodig Tihagale

Session 11:

LIFT-LINK WORKSHOP
Lift- Resources to Support Water Innovation
Chair:
Venue: boardroom 3
Organiser: Manjusha Sunil

15:00 - 16:00

PARLIAMENTARY PORTFOLIO COMMITTEE PLENARY ENVIRONMENT, WATER AND SANITATION & PAN AFRICAN PARLIAMENT: The 4th industrial Revolution and Digital Transformation in the water sector? tbc

OPEN TO THE PUBLIC

Chair:
Venue: Ballroom 2 & 3

16:00 - 16:30 TEA / COFFEE

19:00 - 22:30

Gala Dinner & Knowledge Tree Awards: Venue
KEYNOTE ADDRESS: Professor THOKOZANI MAJOZI [Recipient of presidential order of Mapungubwe]
AWARD PRESENTATION: JACKIE KING [Stockholm water prize laureate]

08:15 - 09:00 REGISTRATION OPEN

09:00 - 10:45 PLENARY: BUILDING A CIRCULAR ECONOMY IN WATER AND SANITATION

Chair: Valerie Naidoo (WRC)
KEYNOTE ADDRESS: Doulaye Kone (Bill & Melinda Gates Foundation)
PANEL MEMBERS: Kartik Chandran (Columbia University) Wambui Gichuri (AFDB) , CSE INDIA, Mbulelo Tshangana DG(DHSWS), Bill & Melinda Gates Foundation (Doulaye Kone)
Facilitator: Cheryl Hicks (Toilet Board Coalition)
Venue: Ballroom 2

10:45 - 11:00 TEA / COFFEE

<p>Session 12: WATER INSTITUTIONS LED SESSION Chair/Organiser: Mandla/Hlengiwe Venue: Ballroom 2 [LAUNCH: WI Alliance]</p>	<p>Session 13: EMERGING SUBSTANCES AND OTHER ISSUES OF CONCERN IN WATER Chair/Organiser: Nonhlanhla K Venue: Ballroom 3</p>	<p>Session 14: SANITI Chair: CEO, Amatola Water Venue: Ballroom 4 Organiser: Sudhir Pillay</p>	<p>Session 15: DIVERSIFYING WATER SUPPLY Chair/Organiser: Shafick Adams Venue: Boardroom 1</p>	<p>Session 16: TOWARDS NEW THINKING TO WATER SECURITY Chair: Wandile Nomquphu Venue: Boardroom 2</p>	<p>Session 17: WATER QUALITY & RISK ASSESSMENT Chair: CEO, IUCMA Venue: boardroom 3 Organiser: Dr Eunice Ubomba Jaswa</p>
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13:00 - 14:00 LUNCH AND EXHIBITION

<p>Session 18: INNOVATION & NATURAL RESOURCES Sustainable Wastewater resource recovery and reuse Chair: Chair: Water Board CEO, TBC Organiser: John Zvimba Venue: Ballroom 2</p>	<p>Session 19: CLIMATE FUTURES Chair: Organiser: Brilliant Petja Venue: Ballroom 3</p>	<p>Session 20: SOCIAL INNOVATION Community Water Initiatives Chair: Organiser: Virginia Molose Venue: Ballroom 4</p>	<p>Session 21: IPRDP – Demonstrating innovation Chair: Jay Bhagwan Venue: Boardroom 1</p>	<p>Session 22: Entrepreneurship in Water Utilisation and Agriculture Chair: Sylvester Mpandeli Venue: TBC Panellists: Stellenbosch Group; Women UKZN Venue: Boardroom 2</p>	<p>Session 23: RESOURCES AND CAPABILITIES TO DRIVE WATER RESEARCH, INNOVATION AND IMPACT Chair: Organiser: Shanna Nienaber Venue: boardroom 3 Organiser: Dr Chantal R Kotze</p>
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16:00 - 17:00 CLOSING PLENARY

Chair: Thami Hlongwa (Umgenti Water CEO)
Address: David Mahlobo (Deputy Minister)
HACKATHON PRIZE GIVING
SUMMARY OF SYMPOSIUM: Highlights video
VOTE OF THANKS & CLOSE: Dr Mandla Msibi (WRC Group Executive Innovation and Impact)
Venue: Ballroom 2 & 3

17:00 - 17:20 TEA / COFFEE BREAK

18:00 - 20:00 NETWORKING EVENING

08:15 - 09:00 TEA / COFFEE/ REGISTRATION

09:00 -10:30 DAY 3 AFRICA SEMINAR:

Chair: Limakatso Moorosi (Bloem Water CEO)

PANEL MEMBERS: Olive Shisana (Evidence Based Solutions); Professor Simphamandla Zondi (JP); Cllr Thembi Nkadameng (SALGA President)

CLOSING REMARKS: Dhesigen Naidoo (WRC CEO)

Venue: Boardroom 1

10:30 -11:00 TEA / COFFEE BREAK

11:00 -13:00 INTERNATIONAL SESSIONS

AfriAlliance Session 1:

4th AfriAlliance Roadshow – Innovations in Water Reuse and Potential of New Water Resources

Chair: Tiyani Chauke

Venue: Boardroom 2

Danish Session 2

International Session on Water Sensitive Design – the Journey to Impact

Chair: TBC

Venue: Boardroom 3

TBC Session 3:

The Sanitation Economy for Africa Workshop

Chair: Cheryl Hicks

Venue: Boardroom 4

Swedish Session 4:

Water Governance: Challenges and Possibilities

Chair: Mamohloding Tlhagale

Venue: Boardroom 5

Session 5:

A Test Bed Network and Technology Validation Frameworks for the Water Sector

Chair: Manjusha Sunil

Venue: Boardroom 1

13:00 -14:00 LUNCH | EXHIBITION

