



# THE KENYA WATER & SANITATION INTERNATIONAL CONFERENCE & EXHIBITION 2025

## FINAL PROGRAM JUNE 2025

### Day 1: Monday June 23, 2025

8.00am - 5.00pm

- Technical & Cultural Tours
- Registration & Conference Badge Collection
- Exhibition Setup

### Day 2: Tuesday June 24, 2025

7.00 - 8.00AM

REGISTRATION & CONFERENCE BADGE COLLECTION

8.00am

#### PLENARY HALL

#### Preliminaries

Thomas Odongo, WASPA Chair & Anthony Njaramba, CEO, WASPA

8.30 - 10.30am

#### Plenary 1: S3. Emerging Technologies for Climate-Resilient Water Resource Management

**Speaker:** Eng. Simon Thuo, Africa Regional Lead, Water Resilience Tracker

Prioritizing Water and Sanitation in Climate Action - Regional perspectives of NDCs, NAPs, and other national climate documents

#### Panelists:

1. Eleftherios Kaltsas, UNESCO Regional Office for Eastern Africa
2. Kevin Gichangi, Manager, Kenya Rift Lakes Program, World Wide Fund for Nature (WWF-Kenya)
3. Daniel Meisel, Executive Director, Element Access
4. Janet Athatho Ekalo, Director Environment and Climate Change, Marsabit County
5. Mware Kinyua, Director Water Resource, SDWS, MWSI
6. Eng. Bernard Onyango, Director Irrigation, SDI, MWSI
7. Eng. Nesline Ogwe, National Irrigation Authority, MWSI
8. David Githendu, Regional Director, Water Utility, East & West Africa and Country Director Kenya, GrundFOS

	<b>Moderator:</b> John Karonji, State Department of Water and Sanitation(SDWS), MWSI
10.30 - 11.00am	<i>Tea Break &amp; Exhibition Tour</i>
11.00am - 12.45pm	<b>CONCURRENT SESSIONS</b>
<b>PLENARY HALL</b>	<p><b>Break Out 1. S1 Innovative Financing for climate-resilient Water and Sanitation</b> [Side Panel]</p> <p><b>Moderator:</b> George Okioma, CPF Group</p> <p><b>Speaker 1:</b> Eng. A Muigai, Director, Sabaki Water Carrier Project</p> <p><b>Speaker 2 : Are PPPs the solution to Kenya's Water Sector Financing Gap?</b> CPA Dr. Christine Mawia Julius, Deputy Director Finance and Accounts, Athi Water Works DA</p> <ol style="list-style-type: none"> <li>1. Eng. Boniface Mulama, Head of PPP Division, MWSI</li> <li>2. Eng. Kefa Seda, Director General PPP Directorate, National Treasury</li> <li>3. Wali Mwalugongo, Citywise, Partnering with Cities, Freshlife</li> <li>4. Grace Ndegwa, Investment Officer, Kiffwa</li> <li>5. Shadrack Odhiambo, Relationship Manager WASH Family Bank</li> <li>6. Eng. Yasuo Kobayashi, JICA</li> <li>7. Dr. CPA Richard Nyaanga, PhD, CEO, Apstar Sacco</li> </ol>
<b>BARRACUDA</b>	<p><b>Break Out 2. S5. Capacity Strengthening</b> [Side Panel]</p> <p><b>Chair:</b> Patrick Alube, Executive Director, KWAHO</p> <p><b>Speaker:</b> Thomas Odongo, MD, KIWASCO. Mentorship &amp; Peer support for WSPs Global Water Operators Partnerships Alliance (GWOPA-UN Habitat)</p> <ol style="list-style-type: none"> <li>1. Eng. Michael Ogol, MD, Kakamega Water</li> <li>2. CPA Boniface Mbugua, MD, Kiambu Water</li> <li>3. Mr. Abdi Farah, MD, Mombasa Water</li> <li>4. Ms. Gladys Seleina, MD, Ololaiser Water</li> <li>5. CPA Edwin Bukweye, MD, Amatsi Water</li> <li>6. Franziska Volke, GWOPA, UN Habitat</li> </ol>
<b>SAILFISH</b>	<p><b>Break Out 3 . S2 Policy Innovation and Governance for resilient, sustainable water and sanitation.</b> [Abstract Session]</p> <p><b>Chair:</b> Felix Kwena, Program Coordinator, KWAHO</p> <ol style="list-style-type: none"> <li>1. Exploring Vulnerability in Accessing WASH Services in Nairobi's Informal Settlements. J. Riungu; Karani C.K; Kirimi, L; D.S. Kiogora</li> <li>2. Beyond provision: Sanitation practices and access challenges in Informal settlements. I. Chumo ; C. Kabaria; B. Mberu,</li> <li>3. Poor Urban Planning Effect on Non-Revenue Water Management-In Kisii Town. C. Susu</li> <li>4. Challenges Faced by Water Service Providers in Policy Implementation. A. Nganga; N. Karanja; J. Caleb; F. Macharia</li> <li>5. Enhancing Coordination for Accountability and Sustainability in Water Resources Management. J. Kones; E. Kivuva; T. Barasa</li> <li>6. Strengthening Governance through Utility Transformation: A Policy Innovation Approach. E. Ngugi</li> <li>7. Interplay of service delivery models, towards city wide inclusive sanitation in Nakuru. H.Njung'e</li> </ol>

SHIMBA	<p><b>Convenor Session 1: EAWAG</b>  <b>Speaker:</b> Dr. George Wainaina , Group Leader, Eawag, Swiss Federal Institute of Aquatic Sciences and Technology</p> <ol style="list-style-type: none"> <li>1. <i>Meltus Mugomi</i> - Director Regional Expansion Africa (Fresh Life)</li> <li>2. <i>Mtchera Chirwa</i>, Director for Water Development and Sanitation, African Development Bank Group</li> <li>3. <i>Debjyoty Mukherjee</i>, Principal PPP Finance officer-African Water Facility</li> <li>4. <i>Timothy Wanjohi</i>, Low-Income Consumers manager-NAWASSCO</li> <li>5. <i>Kigen Chelimo</i>, Principal -Open Capital</li> <li>6. <i>Elizabeth Mururi</i>, Associate Director Communications &amp; Marketing, Fresh Life</li> <li>7. <i>Grace Kabubu</i>, Public Relations Officer, NAWASSCO</li> </ol>
12.45 - 2.00pm	Lunch Break & Exhibition Tour
2.00 - 3.30pm	CONCURRENT SESSIONS
PLENARY HALL	<p><b>Break Out 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation</b> [Side Panel]  <b>Chair:</b> Dorcas Otieno, SDWS, MWSI</p> <p><b>SPEAKER 1:</b> Kenya Water, Sanitation &amp; Hygiene (K-WASH) Program. <i>Eng Jacob Mwakio</i>, MWSI  <b>SPEAKER 2:</b> WSPs Performance Improvement Action Plans (PIAPs). <i>Eliud Lelera</i>, Manager, Monitoring and Inspectorate, WASREB</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. <i>Loice Mutua</i>, Chief Officer, Water Tharaka Nithi county</li> <li>2. <i>Anthony Njaramba</i>, CEO, WASPA</li> <li>3. <i>Thomas Odongo</i>, MD, KIWASCO</li> <li>4. <i>Eng Felix Mumba</i>, Director Water and Energy, Tana River County Government</li> <li>5. <i>Elly Ochere</i>, Ag. Manager Research, Planning and M&amp;E, WSTF</li> </ol>
BARRACUDA	<p><b>Break Out 5: S4. Emerging Technology &amp; Innovation for Climate-Resilient Sanitation Solutions</b> [Abstract Session]  <b>Chair:</b> Christine Tantuo, CEO, GoSoft</p> <ol style="list-style-type: none"> <li>1. Leveraging Electrical Conductivity (EC) as a Versatile Tool in Water quality Monitoring. <b>E. Okoth</b></li> <li>2. Fusing Space and Sensors: Predicting Turbidity for Smarter Water Treatment in Kisumu. <b>B.Ouma; K. Kitindah; V. Akinyi</b></li> <li>3. Application of GIS and Remote Sensing in Site Identification for Managed Aquifer Recharge. <b>S. Gatobu</b></li> <li>4. Stable Isotopes Applications for Water Resources Planning; Understanding Tiwi Aquifer. <b>E. Ireri</b></li> <li>5. HDPE Structured Wall Rainwater Recycling Tanks for High Volume Storage and Reuse of Rainwater. <b>S. Thomas; V.Samaras; J. Ndiema</b></li> <li>6. Green-Energy, A Sustainable Source of Energy for The Water Sector; Case Study for Kikuyu Water Company. <b>J. Murage</b></li> <li>7. Harnessing Solar Energy for Climate-Resilient Water and Case Study from Busia. <b>C. Oduori</b></li> <li>8. Source Water Estimation for Managed Aquifer Recharge in Tiwi Aquifer, Kenya, <b>C. Wacuka</b></li> <li>9. Enhancing Climate-Resilient Water Resource Management through Conservation Initiatives: A Case Study of THIWASCO's Watershed Investment. <b>E. Ngugi</b></li> <li>10. Climate change adaptation and mitigation through catchment protection: A case of River yala, Water fund. <b>M . Mariga</b></li> </ol>
SAILFISH	<p><b>Break Out 6 S2.Policy Innovation and Governance for resilient, sustainable water and sanitation.</b> [Abstract Session]  <b>Chair:</b> Mburu Kiemo, THIWASCO</p>

	<ol style="list-style-type: none"> <li>1. Models, towards city wide inclusive sanitation in Nakuru. <b>H. Njung'e</b></li> <li>2. KIWASCO's Governance Model for Inclusive and Sustainable Water Connections. <b>B. Ouma; S. Winyo</b></li> <li>3. Strong decentralized governance through collaborative action. <b>C. Namale; A.Hohne;</b></li> <li>4. Digital Platforms for Water Governance and Decision- Making. <b>H. Mutharu</b></li> <li>5. KYWP MMUST Chapter WASH awareness improving water access and hygiene through community engagement. <b>H. M. Oteko</b></li> <li>6. Community Led Initiative (CLI) _ A Strategic Approach to Sustainable Non-Revenue Water Management. <b>B. Ondego; C. Odero</b></li> <li>7. Community Mapping of Water Sanitation and Hygiene Access for Sustainable Urban Planning. <b>E. Otieno; F. Onyambu; C. Cheruiyot</b></li> </ol>
SHIMBA	<p><b>Break Out 7: S1. Innovative Financing for climate resilient water and sanitation</b> [Abstract Session]</p> <p><b>Chair:</b> Peter Koech, WSTF</p> <ol style="list-style-type: none"> <li>1. Impact of Accelerator Programmes on WASH Enterprises in Kenya. <b>N.Greene; M. Nyaruai; P. Omondi; J. H. Friede; S. Malik</b></li> <li>2. Community-Driven Models for Sustainable Rural Water Treatment Systems. <b>N. Mutugi</b></li> <li>3. KIWASCO's Journey to Financial Sustainability through Smart Prepaid Metering Technology. <b>K. Kitindah; M. Ogutu</b></li> <li>4. Leveraging Emerging Technologies for Financial Sustainability in KIWASCO. <b>T. Wadenya; S. Ananda</b></li> <li>5. Empowering Local Businesses and Enhancing Sanitation: PuPu Pump's Impact in East Africa. <b>A.Jagongo</b></li> <li>6. Scaling Sanitation Enterprises: Addressing Capacity Gaps for Sustainable Market-Based Sanitation in Kenya. <b>E Muchira</b></li> <li>7. Some thoughts about harvesting of and making products out of Water hyacinth, using old European experiences. <b>R. Kampf</b></li> <li>8. An Adaptive Water Rationing Model for Sustainable Water Distribution in Urban Areas Using Reinforcement Learning. <b>S. Nyutu</b></li> </ol>
3.30 - 5.00pm	CONCURRENT SESSIONS
PLENARY HALL	<p><b>Break Out 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation</b> [Side Panel Continued]</p> <p><b>Chair:</b> Dorcas Otieno, SDWS, MWSI</p> <p><b>SPEAKER 1:</b> Kenya Water, Sanitation &amp; Hygiene (K-WASH) Program. <i>Eng Jacob Mwakio</i>, MWSI</p> <p><b>SPEAKER 2:</b> WSPs Performance Improvement Action Plans (PIAPs). <i>Eliud Lelera</i>, Manager, Monitoring and Inspectorate, WASREB</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. <i>Loice Mutua</i>, Chief Officer, Water Tharaka Nithi County</li> <li>2. <i>Anthony Njaramba</i>, CEO, WASPA</li> <li>3. <i>Thomas Odongo</i>, MD, KIWASCO</li> <li>4. <i>Eng Felix Mumba</i>, Director Water and Energy, Tana River County Government</li> <li>5. <i>Elly Ochere</i>, Manager Research, Planning and M&amp;E, WSTF</li> </ol>
BARRACUDA	<p><b>Break Out 8: S3. Emerging Technologies for Climate-Resilient Water Resource Management</b> [Side Panel]</p> <p><b>Chair:</b> Meltus Mugomi, Freshlife</p> <p><b>SPEAKER:</b> <i>Philip Oluoch</i>, WSUP; Uptake of technologies in the Kenyan Water Sector</p> <p><b>SPEAKER:</b> Mohamed Shurie, CEO, Water Resources Authority</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. <i>Lavuun Verstraete</i>, Programme Manager – R-WASH UNICEF- Eastern and Southern Africa Regional Office.</li> <li>2. <i>Mr. Samuel Kinyanjui</i>, Managing Director, WaterKiosk Africa</li> <li>3. <i>Mamo Boru Mamo</i>, EBS, Director General, National Environment Management Authority (NEMA)</li> </ol>



	<ol style="list-style-type: none"> <li>4. <i>Zedekiah Otieno</i>, Chief Operating Officer, Alpha Systems</li> <li>5. <i>Eng Ian Thande</i>, Director Land Reclamation, SDI, MWSI</li> <li>6. <i>Salgia Noor</i>, Nakuru Water and Sanitation Company,</li> <li>7. <i>Peter Koech</i>, Manager, Water and Sanitation Services, WSTF</li> <li>8. <i>Vicky Betty Chepkorir</i>, Director Projects, Programs and Strategic Initiatives, State Department of Environment and Climate Change, Ministry of Environment and Climate Change</li> <li>9. <i>David Githendu</i>, Regional Director, Water Utility, East &amp; West Africa and Country Director Kenya, GrundFOS</li> </ol>
<b>SAILFISH</b>	<p><b>Break Out 9: S4. Emerging Technology &amp; Innovation for Climate-Resilient Sanitation Solutions</b> [Abstract Session]</p> <p><b>Chair:</b> Carol Odero, KIWASCO</p> <ol style="list-style-type: none"> <li>1. Overcoming Sanitation Challenges in an Urban Slum: A Case Study of Mbayani Township, Blantyre. <b>F. Nyamwezi</b></li> <li>2. Can improved access to handwashing infrastructure and soap change behaviour? Findings from a randomised control study in a refugee setting in Kenya. <b>D.Akeyo; V.Shah, I.Tumwebaze, N.Nganga, G.Kiragu, S.Philips, S.Simiyu</b></li> <li>3. Closed Loop Sanitation Project at Ezra Gumbe Primary School, Kisumu. <b>J. Obunga; B.Orwa</b></li> <li>4. Pit Latrine Emptying Innovations and Service Delivery Efficiencies in Kisumu. <b>C. Oluoch; E. Mariita; P .Omondi; C. Njehu</b></li> <li>5. Investigating On-site Conversion of Faecal Sludge using Black Soldier Fly Larvae: Case Study. <b>J. Riungu; Mumali A., Kithinji D.K; Karanja S; Oyoo V., Kiogora S.D.</b></li> <li>6. Evaluating simplified sewerage in sub-Saharan Africa. <b>M. Jackson-Koufie; A.Parker; M.Sule; B.Evans</b></li> <li>7. Rhonda's Simplified Sewer System - Game-Changer for Urban Communities. <b>G. Kabubu; Njung'e, H; Kimani, P</b></li> <li>8. SaniTracker: Enhancing sanitation service delivery through digital technology. <b>J.Kimotho</b></li> </ol>
<b>SHIMBA</b>	<p><b>Break Out 10: S5. Research &amp; Capacity Strengthening for climate- smart sustainable solutions</b> [Abstract Session]</p> <p><b>Chair:</b> Irene Ndirangu, THIWASCO</p> <ol style="list-style-type: none"> <li>1. Amplifying the voice of adolescent girls to improve school attendance during menstruation in Meru, Kenya. <b>L. M. Kirimi; L. Wood,</b></li> <li>2. Promoting gender equality in human capital development. A case study of Murang'a Water and Sanitation Company. <b>J. Kinuthia; D. Thugu; A. Nganga</b></li> <li>3. Capacity building and research in Non-Sewered Sanitation; A glimpse at the terrain. <b>D.S. Kiogora; Riungu J N</b></li> <li>4. Need for sewer education to the public to reduce operation and maintenance costs of sewer. <b>M. B.Wanjiru</b></li> <li>5. Empowering schools through the "Toilets Making the Grade" Competition. <b>Al.Hoehne; S. Kasongamulilo; S. Schrader</b></li> <li>6. Addressing Spatial Data Gaps in Water and Sanitation through Capacity Strengthening. <b>C.Cheruhyot; E.J. Atieno, F.C. Onyambu</b></li> <li>7. Building Climate Resilience in Water Service Provision: A Case of Meru Water and Sewerage. <b>P. Mugendi; Riungu D. K.</b></li> <li>8. Catchment Management: An Important Part of Water Supply- KIWASCO Case Study. <b>G Odero; E. Muga.</b></li> <li>9. Implementing Nature Based Solutions in Mitigating Impacts of Climate on Water Resources, irrigation and Sanitation. <b>G. Mugambi</b></li> <li>10. Ensuring Safely Managed and Adequate Water for Improved Nutrition: Beyond Mere Access. <b>D. Achieng; I. Kiplagat ; E.Macharia ; M. Karumba ; M.Opondo; R. Sitati ; P.Kipkorir; J. Kathenge ; D.Mulwa; R.Ngugi ; E. Onsomu ; J.Gatungu</b></li> </ol>
5.00pm	<i>Tea Break &amp; Exhibition Tour</i>
5.30 -7:00pm	<b>BARRACUDA: YWP Session</b>

<b>Day 3: Wednesday June 25, 2025</b>	
7.00 - 8.00am	REGISTRATION & CONFERENCE BADGE COLLECTION
	<b>PLENARY HALL</b>
8.00am - 12.30pm	<p><b>Moderator:</b> Michelle Ngele, <i>Nation Media Group</i></p> <p><b>Preliminaries</b>  <i>Bernard Mwaura MD, Nyahururu Water and Sanitation Company Ltd &amp; Vice Chairman WASPA</i></p> <p><b>Silver Sponsor:</b> <i>Kush Nathwani, MD, Apex Piping Systems</i></p> <p><b>WASREB IMPACT 17 Report LAUNCH</b></p>
12.30 - 2.00pm	<i>Lunch Break &amp; Exhibition Tour</i>
	<b>PLENARY HALL</b>
2.00 - 3.00pm	<p><b>Moderator:</b> <i>Eng S.A.O. Alima, Water Secretary, State Department for Water and Sanitation, Ministry of Water, Sanitation and Irrigation</i></p> <p><b>Keynote Speaker:</b> <i>Dr Hosea Kimutai Kili, OGW, GMD/CEO, CPF Financial services (15mins)</i></p> <p><b>High-level Panel I (40mins)</b>  <b>Theme: Innovative Financing models, Technology &amp; Innovations for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions &amp; Investments</b></p> <ul style="list-style-type: none"> <li>• <i>Julius Korir, CBS, Principal Secretary, State Department of Water &amp; Sanitation, Ministry of Water, Sanitation and Irrigation</i></li> <li>• <i>CPA Ephantus Kimotho, CBS Principal Secretary, State Department for Irrigation, Ministry of Water, Sanitation and Irrigation</i></li> <li>• <i>Dr. Eng. Festus Ng'eno, PhD, MIEK, CBS Principal Secretary, State Department of Environment &amp; Climate Change, Ministry of Environment, Climate Change, and Forestry</i></li> <li>• <i>Dr. Chris Kiptoo CBS, Principal Secretary, The National Treasury</i></li> <li>• <i>Pascaline Ndungu, Senior Water and Sanitation Specialist, World Bank Group</i></li> <li>• <i>Mtchera Chirwa, Director Water &amp; Sanitation Development, African Development Bank</i></li> <li>• <i>Prof Romanus Odhiambo, PhD, Vice Chancellor, Meru University of Science and Technology</i></li> <li>• <i>Thomas Odongo, Chairman, WASPA &amp; Managing Director, Kisumu Water and Sewerage Company</i></li> <li>• <i>Mary Mwititi, EBS, CEO, Council of Governors</i></li> </ul>

<b>Day 3: Wednesday June 25, 2025</b>	
	<ul style="list-style-type: none"> <li>• <i>H.E Reuben Kamuri</i>, Chairperson, Caucus of Deputy Governors, COG</li> <li>• <i>Dr. Emmanuel K. Nzai</i>, Chairman, Kenya Vision 2030 Delivery Board</li> </ul> <p><b>Gold Sponsor:</b> MD, Top Pipe</p>
3.00 - 5.00pm	<p><b>Official Opening Ceremony</b></p> <p><b>Facilitator:</b> <i>Eng S.A.O. Alima</i>, Water Secretary, State Department for Water and Sanitation, MWSI &amp; <i>Anthony Njaramba</i>, CEO WASPA</p> <p><b>Welcome Address</b></p> <ul style="list-style-type: none"> <li>• <i>Thomas Odongo</i>, Chairman, WASPA Chairman</li> <li>• <i>Haile Gashaw</i>, UNICEF &amp; Chair WATSAN Development Partners Group</li> <li>• <i>Julius Korir</i>, CBS, Principal Secretary, State Department of Water &amp; Sanitation, MWSI</li> <li>• <i>Hon. Sen Godfrey Osotsi</i>, Chairperson, Senate County Public Investments and Special Funds Committee</li> <li>• <i>H.E Joshua Irungu</i>, EGH, Chairman, Water and Natural Resource Management, COG</li> <li>• <i>H.E. FCPA Ahmed Abdullahi</i>, EGH, OGW, Chair, Council of Governors</li> <li>• <i>H.E. Abdullswammad Sherif Nassir</i>, Governor, County Government of Mombasa</li> <li>• <i>Eng. Eric Mugaa</i>, Cabinet Secretary, Ministry of Water, Sanitation &amp; Irrigation</li> </ul> <p><b><u>Keynote Address</u></b></p> <p><b><i>H.E. Dr William Samoei Ruto, PhD, CGH</i></b>  <i>President of the Republic of Kenya</i></p>
5.00 -6.00pm	<i>Tea Break &amp; Exhibition Tour</i>
6:00- 8.00pm	<p><b>Welcome Cocktail:</b></p> <p><i>Hosts: Eng. Vincent Kabuti, OGW, Secretary Irrigation, Hon. Omar Said Omar, Water, Environment, Climate Change, and Forestry, Kilifi County &amp; Dr. Eng. Moses Kinya, CEO THIWASCO &amp; Former Chair WASPA</i></p> <ul style="list-style-type: none"> <li>• <i>Julius Korir</i>, CBS, Principal Secretary, State Department of Water, Sanitation, MWSI</li> <li>• <i>Hon John Lekakeny Ololtuaa</i>, Principal Secretary, State Department for Tourism</li> <li>• <i>H.E. Abdullswammad Sherif Nassir</i>, Governor, County Government of Mombasa</li> <li>• <i>Eng. Eric Mugaa</i>, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation</li> </ul>

**Day 4: Thursday 26, 2025**

8.00am	<b>PLENARY HALL</b>
8.00 - 8.30am	<b>Preliminaries</b> <i>CPA Michalel Mang'eli, MD Mavoko Water and Sewerage Company &amp; Former WASPA Chair</i>  <i>Accountability Mechanism in Water Services Delivery: Seeking Stakeholder Perspective, Wario Bonaya, Programme Director, Water, GATSBY AFRICA</i>
8.30 - 10.30am	<b>Plenary 6: S5. Research &amp; Capacity Strengthening for Sustainable Climate-Smart Solutions</b>  <b>Speaker 1:</b> <i>Dr George Wainaina, PhD, Scientific Knowledge broker, EAWAG/ Swiss Federal Institute of Aquatic Science and Technology.</i>  <b>Speaker 2:</b> <i>Prof Blessing Mberu, Ph.D, Population Dynamics &amp; Urbanization, APHRC</i>  <b>Panelists:</b> <ol style="list-style-type: none"><li>1. <i>Dr Dickson Andala, CEO, National Research Fund (NRF)</i></li><li>2. <i>Prof Faith Karanja, Associate Professor, University of Nairobi</i></li><li>3. <i>Dr. Leiro Letangule, CEO, Kenya Water Institute (KEWI)</i></li><li>4. <i>Titus Kilonzo Mutuku, CEO Environment Institute of Kenya</i></li><li>5. <i>Eng Margaret Ogai, CEO, Engineering Board of Kenya (EBK)</i></li><li>6. <i>Geol. Agnes Mbugua, CEO, Regional Centre on Groundwater Resources</i></li></ol> <i><b>Moderator:</b> Prof. (Eng). James Messo Raude, Associate Professor, Jomo Kenyatta University of Agriculture and Technology</i>
10.30 - 11.00am	<i>Tea Break &amp; Exhibition Tour</i>
11.00 - 12.45pm	<b>CONCURRENT SESSIONS</b>
<b>PLENARY HALL</b>	<b>Break Out 11. S4. Innovations, Technologies and Market Opportunities for Climate-Resilient Sanitation. [Side Panel]</b> <i><b>Chair:</b> Timothy Wanjohi, Sanitation Officer: Nakuru Water and Sanitation Services Company Limited</i>  <b>Speaker 1:</b> <i>Prof. (Eng). James Messo Raude, Associate Professor, (JKUAT); Climate-smart technologies for management of Onsite Domestic Wastewater</i> <b>Speaker 2:</b> <i>Dr. Walter Ongeti, CEO, KENAS</i>  <b>Panelists:</b> <ol style="list-style-type: none"><li>1. <i>Hope Njoroge, Climate Change Lead, UNESCO Chair Climate Change</i></li><li>2. <i>Georgina Wacuka, Kenya Association of Manufacturers</i></li><li>3. <i>Eng Lucy Njambi, Senior Sanitation expert</i></li><li>4. <i>Nicola Greene, Director, Scaling WASH Enterprise &amp; Innovation, Opero Services</i></li></ol>

	<ol style="list-style-type: none"> <li>5. <i>Beth Muigai</i>, Technical Manager, Kiambu Water &amp; Sewerage Company</li> <li>6. <i>John Irungu</i>, NAWASSCOAL</li> <li>7. <i>Benedict Kutu</i>, Betterline Water</li> </ol>
<b>BARRACUDA</b>	<p><b>Break Out 12. S2. Policy Innovation and Governance for resilient, sustainable water and sanitation</b><a href="#">[Side Panel]</a></p> <p><b>Chair:</b> <i>Pampil Mathehe</i>, Head of Legal Services, Lake Victoria South WWDA</p> <p><b>Speaker:</b> <i>Dr. Irene Ngunjiri</i>, PhD, Water Governance and Innovation Hub, Strathmore University</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. <i>Christine Flore Djuikouo Ndeffo</i>, President of National Association of Toilets, Cameroon</li> <li>2. <i>Tinebeb Yohannes</i>, Founder, African Woman in Water and climate</li> <li>3. <i>Fredrick Odhiambo</i>, Program Officer, Health, Water and Sanitation- Economic and Social Rights Centre Hakijamii</li> <li>4. <i>Caroline Njiru</i>, Landscape Manager, World Resources Institute</li> <li>5. <i>Martha Wanjiku</i>, Legal Compliance Officer, Athi Water WWDA</li> <li>6. <i>Eunice Mwongera</i>, Director Special Programs, State department of Water and Sanitation, MWSI</li> </ol>
<b>SAILFISH</b>	<p><b>Break Out 13: S3. Emerging Technology &amp; Innovation for Climate-Resilient Water Resource Solutions</b> <a href="#">Abstract Session]</a></p> <p><b>Chair:</b> <i>Priscillah Olouch</i>, Malindi Water</p> <ol style="list-style-type: none"> <li>1. Emerging Technologies for Building Climate-Resilient Water and Sanitation Systems in Kenya. <b>P. Kimani</b></li> <li>2. Leveraging Smart Meter Data Analytics to Enhance NRW Management. <b>M. Ogutu; L.N. Andanje</b></li> <li>3. Leveraging GIS-Enabled Incident Reporting to Reduce Non-Revenue Water. <b>D. Kamau; J.s K. Githige; G. M. Mathiu</b></li> <li>4. Smart Water Loss Management for Climate-Resilient Water Systems. <b>G. Kuria</b></li> <li>5. Real-Time Water Network Intelligence: Transforming Big Data Analytics into Action. <b>B. Ouma; V. Akinyi; L. N. Andanje</b></li> <li>6. Leveraging mWater to Foster Data Sovereignty and Resilient Water Infrastructure in Kenya. <b>D. Odhiambo</b></li> <li>7. Use of EPANET Model to Optimize Booster Chlorination in the Southern Zone Water Distribution Network. <b>D. Kafuka</b></li> <li>8. Utilization of solar energy for climate resilient Water Supply: A Case of Kiambu County. <b>P. Baru</b></li> </ol>
<b>SHIMBA</b>	<p><b>Convenor Session 2 SISTARS</b></p> <p><b>Breaking the Flow Ceiling: Women Leaders Transforming Water Governance</b></p> <p><b>Guest:</b> <i>Eng S.A.O. Alima</i>, Water Secretary,, Ministry of Water, Sanitation and Irrigation</p> <p><b>Speaker 1:</b> <i>Prof Faith Karanja</i>, University of Nairobi &amp; Dr Caroline Kabaria, APHRC</p> <p><b>Speaker 2:</b> <i>Hon. John Imoite</i>, Chair, Lake Victoria North WWDA</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. <i>Salgia Noor</i>, Zonal Manager, Nakuru Water</li> <li>2. <i>Dr Florence Kithinji</i>, Director, Kenya School of Governance Matuga</li> <li>3. <i>J. Wamalwa</i>, CEO LVNWWDA</li> <li>4. <i>Eng. Philip Gichuki</i>, CEO, Tana Water WWDA</li> <li>5. <i>Prof Blessing Mberu</i>, APHRC</li> <li>6. <i>Eng D. Nganga</i>, MD Muranga Water</li> </ol>

	<b>Moderator:</b> Eng Simon Thuo
12.45 - 2.00pm	<i>Lunch Break &amp; Exhibition Tour</i>
	<b>PLENARY HALL</b>
2.00 - 3.30pm	<p><b>Plenary 7. S4. Innovations, Technologies and Market Opportunities for Climate-Resilient Sanitation</b></p> <p><b>Speaker 1:</b> <i>Willis Ombai</i>, CEO, Water Sector Trust Fund</p> <p><b>Speaker 2:</b> <i>Dickson Ochieng</i>, Director of Government Relations, Sanivation</p> <ol style="list-style-type: none"> <li>1. <i>Eng. Joseph Kamau</i>, CEO, Athi Water Works Development Agency</li> <li>2. <i>Eng. Philip Gichuki</i>, CEO, Tana Water Works Development Agency</li> <li>3. <i>Eric Wamiti</i>, Geostatistics Expert, Deputy Director Academic Affairs, KEWI.</li> <li>4. <i>Felix Wanje</i>, MD, Malindi Water &amp; Sanitation Company</li> <li>5. <i>Anthony Mulinge</i>, MD, Freshlife</li> <li>6. <i>Brigadier (Rtd) Joseph M. Muracia</i>, EBS, CEO, Nairobi Rivers Commission</li> </ol> <p><b>Moderator:</b> <i>Domenic Kiogora</i>, Sanitation Research Institute, Meru University of Science and Technology</p>
3.30 - 5.00pm	<b>CONCURRENT SESSIONS</b>
<b>PLENARY HALL</b>	<p><b>Break Out14: S5. Research &amp; Capacity Strengthening for Sustainable Climate-Smart Solutions</b> <b>[Side Panel]</b></p> <p><b>Chair:</b> <i>Dr. Irene Ngunjiri</i>, PhD, Water Governance and Innovation Hub, Strathmore University</p> <p><b>Speaker:</b> <i>Ruth Ng'ang'a</i>, General Manager, Fund Development Water Sector TrustFund</p> <p><b>Panelists</b></p> <ol style="list-style-type: none"> <li>1. <i>Florence Kigo</i>, CEO, Kenya Engineering Technology Registration Board (KETRB)</li> <li>2. <i>Nelson Kwamini</i>, Deputy Director Research, Consultancy and Technical Services, Kenya Water Institute</li> <li>3. <i>Simon Okoth</i>, Associate Coordination Officer, UN-Habitat</li> <li>4. <i>Dr Peter Mawioo</i>, Co-lead, Kenya Chapter, GSGS East and South Africa Region; Senior Lecturer, University of Eldoret;</li> <li>5. <i>Dr Fred Ogutu</i>, KIRDI</li> <li>6. <i>William Wasonga Oduor</i>, WatHab Regional Knowledge Manager, ICRC</li> <li>7. <i>Flora Njura Kanyua</i>, Principal Karumo Technical Training Institute</li> </ol>

BARRACUDA	<p><b>Convenor Session 3. AQUAYA INSTITUTE</b> The Water Quality Assurance Fund: Urban–Rural Collaboration for Water Quality – Lessons from Kericho, Nakuru, and Uasin Gishu Counties in Kenya</p> <p><b>Speaker &amp; Moderator.</b> <i>Dr. Peace Musonge</i>, Program Manager Aquaya Institute <b>Opening Remarks.</b> <i>Ms Esther Ngari</i>, CEO, KEBS <b>Panelists</b></p> <ol style="list-style-type: none"> <li>1. <i>Mr. Reuben Korir</i>, MD, Nakuru Rural Water &amp; Sanitation (NARUWASCO)</li> <li>2. <i>Eng. Charles Tonui</i>, MD, URWASCO</li> <li>3. <i>Mr Edwin Mengich</i>, Lab Manager, ELDOWAS</li> <li>4. <i>Eng. Margaret Kinyanjui</i>, Chief Officer, Water &amp; Sanitation, County Government of Nakuru</li> </ol>
SAILFISH	<p><b>Convenor Session 4. GATSBY AFRICA.</b> The state of Water Resources Management in Kenya; What the data is telling us <b>Speaker:</b> <i>Wario Bonaya</i>, Programme Director, Water, GATSBY AFRICA</p> <ol style="list-style-type: none"> <li>1. <i>Elly Ochere</i>, Ag. Manager Research, Planning and M&amp;E, WSTF</li> <li>2. <i>Prof. Japheth Ogalo Onyand</i>, Egerton University</li> <li>3. <i>Geol. Agnes Mbugua</i>, CEO, <i>Regional Centre on Groundwater Resources</i></li> </ol>
SHIMBA	<p><b>Convenor Session 5. WASREB</b></p> <p><b>Speaker:</b> Richard Cheruiyot-Ag. CEO, WASREB</p> <ol style="list-style-type: none"> <li>1. <i>Eng. James Kigutu</i>- Director Licensing, Standards &amp; Advocacy,WASREB</li> <li>2. <i>John Muruka</i>- Corporate Secretary &amp; Manager Legal,WASREB</li> <li>3. <i>Angela Kimani</i>- Ag. Director Corporate Services,WASREB</li> </ol>
5.00pm-6:00 pm	Tea Break & Exhibition Tour
6:00 - 9.00pm	<p><b>Gala Dinner &amp; Innovation Awards Ceremony</b> <i>Host: Emily Achieng Okello, CEC Water, Natural Resources and Climate Change Resilience, Mombasa County &amp; Anthony Njaramba, CEO WASPA</i></p> <p><b>Speaker 1:</b> <i>Dr. David Ngigi</i>, Ag. Director General, National Commission for Science, Technology and Innovation (NACOSTI)</p> <p><b>Speaker 2:</b> <i>Prof Amos Omamo</i>, Director, Research, Innovation, Commercialization and Extensions (RICE), Meru University of Science and Technology (MUST);</p> <p><b>Guests</b> <i>H.E. Abdullswammad Sherif Nassir</i>, Governor, County Government of Mombasa <i>Hon. Salim Mvurya</i>, EGH, Cabinet Secretary, Ministry of Youth Affairs, Creative Economy &amp; Sports <i>Eng. Eric Mugaa</i>, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation</p> <p><b>Principal Guest:</b> <i>Rt. Hon. Raila Odinga</i>, EGH</p>

**Day 5: Friday 27, 2025**

	<b>PLENARY HALL</b>
8.00am	<b>Preliminaries</b> Eng. Daniel Ng'ang'a, MD, Murang'a Water and Sanitation Company & Former WASPA Chair
8.30 - 10.30am	<b>Plenary 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation</b>  <b>Speakers:</b> <i>Navigating Policy Windows: Sanitation Management Policies.</i> Eng Mary Wamaitha, Director, Sanitation Management, Ministry of Water, Sanitation and Irrigation & Mamadou Diallo, Head, Policy, Engagement, and Communications (PEC), African Population & Health Research Center  <b>Speaker:</b> <i>Climate Resilient Urban WASH: Opportunities for Climate financing,</i> Antony Ambugo, Country Director. WSUP Kenya <b>Panelists:</b> <ol style="list-style-type: none"> <li>1. Malesi Shivaji, CEO, KEWASNET</li> <li>2. Hezekiah Pireh, Programme Management Officer, UN-Habitat</li> <li>3. Milkah Moraa Areba, Member of County Assembly, Mombasa County</li> <li>4. James Ng'ang'a Gachathi, Managing Director, Nakuru Water and Sanitation Services Company Ltd</li> <li>5. Rose Nyakwara, State Counsel, Ministry of Water, Sanitation and Irrigation</li> <li>6. Ms Doris Mwangi, Principal Legal Officer, National Water Harvesting &amp; Storage Authority</li> <li>7. Janet Olewe, Manager Legal Services, Water Resources Authority</li> <li>8. Gladys Wekesa, Transboundary, ASPG/AMCOW TAC member</li> </ol> <b>Moderator:</b> John Muruka, WASREB
10.30- 11.00am	<b>Guest Speaker:</b> Rt. Hon. Raila Odinga, EGH
11.00- 11.30am	Tea Break & Exhibition Tour
11.30-12.15pm	<b>CONCURRENT SESSIONS</b>
<b>PLENARY HALL</b>	<b>Caucus of Deputy Governors, COG</b>  <b>Speaker:</b> H.E Reuben Kamuri, Chairperson, Caucus of Deputy Governors, COG
<b>BARRACUDA</b>	<b>Convenor Session 6. AQUA FOR ALL</b>



	<p><b>Speaker:</b> <i>Joshua Kibet</i>, WASH finance Lead, Aqua for All</p> <ol style="list-style-type: none"> <li>1. <i>Anthony Njaramba</i>, CEO, WASPA</li> <li>2. <i>Kasalu Mwanzia</i>, Relationship Manager, Cooperative Bank</li> <li>3. <i>Dr. Lawrance Tanui</i>, Managing Director MD ELDOWAS</li> <li>4. <i>Eng. Peter G. Kahuthu</i>, MD, Nyewasco</li> <li>5. <i>Dickson Kinyua Njiru</i>, MD, Nyandarua Water and Sanitation Company.</li> <li>6. <i>Lucy Wahito</i>, MD, Nyandarua Water and Sanitation Company.</li> </ol>
SAILFISH	<p><b>Convenor Session 7. ELDOWAS</b> Scaling Water Fund Model for Climate Change Mitigation &amp; Sustainable Catchment Management</p> <p><b>Speaker:</b> <i>Stephen Kibet</i>, Resilient Watersheds Manager TNC</p> <p><b>Panelists</b></p> <ol style="list-style-type: none"> <li>1. <i>Dr Lawrence Tanui</i>, Managing Director, ELDOWAS</li> <li>2. <i>Cornel Omondi</i>, Project Manager, Jumuiya Water Fund</li> <li>3. <i>Eng Nashon Muguna</i>, MD, Nairobi Water</li> <li>4. <i>Representative</i>, Ministry of Environment &amp; Climate Change</li> <li>5. <i>Dr Stella Wanjala</i>, Director of Women in Water &amp; Natural Resources Conservation</li> </ol>
12.15 - 1.00pm	<p><b>PLENARY HALL</b></p> <p><b>Conference Resolutions</b></p> <ul style="list-style-type: none"> <li>● <i>Anthony Njaramba</i>, CEO, WASPA</li> </ul> <p><b>Official Closing Ceremony</b> <i>Facilitator: Julius Korir, CBS, Principal Secretary, Ministry of Water, Sanitation &amp; Irrigation &amp; Hamed Mwabudzo, CeC Water Services, Kwale County</i></p> <ul style="list-style-type: none"> <li>● <i>Thomas Odongo</i>, Chairman, WASPA</li> <li>● <i>H.E. FCPA Ahmed Abdullahi</i>, EGH, OGW, Chair, Council of Governors</li> <li>● <i>H.E. Joshua Irungu</i>, EGH, Governor, County Government of Laikipia</li> <li>● <i>H.E. Abdullswammad Sherif Nassir</i>, Governor, County Government of Mombasa</li> <li>● <i>Eng. Eric Mugaa</i>, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation</li> </ul> <p><b>Keynote Address</b></p> <ul style="list-style-type: none"> <li>● <i>Hon. Prof. Kithure Kindiki, E.G.H.</i> <i>The Deputy President of the Republic of Kenya</i></li> </ul>
1.00 - 2.00pm	Lunch Break & Exhibition Tour



## Conference Summary

	Plenary Session		
High level Panel	14		
Opening Ceremony	8		
Closing Ceremony	5		
	Abstract Sessions (Total)	Side Panel Sessions*	Plenary Sessions*
1. Innovative Financing for climate-resilient Water and Sanitation	1(7)	1 (7)	-
2. Policy Innovation and Governance for resilient, sustainable water and sanitation	1(7)	2 (11)	1(12)
3. Emerging Technologies for Climate-Resilient Water Resource Management	1(7)	1 (10)	1(7)
4. Emerging Technology & Innovation for Climate-Resilient Sanitation Solutions	2(18)	1 (10)	1(9)
5. Research & Capacity Strengthening for Sustainable Climate-Smart Solution	1(10)	2 (15)	1(9)
Convenor Sessions***	-	7 (6)	
Total Sessions	5	6	5
Total No of Speakers/Presenters	49	57	44

Grand Total	200+ Speakers & Panelists Abstract Session session/Presenters
-------------	--



MINISTRY OF WATER,  
SANITATION AND  
IRRIGATION



WATER & SANITATION  
PROVIDERS  
ASSOCIATION



COUNTY GOVERNMENT  
OF MOMBASA

# KENYA WATER AND SANITATION INTERNATIONAL CONFERENCE & EXHIBITION 2025



## 23<sup>RD</sup> - 27<sup>TH</sup> JUNE, 2025

**PRIDEINN PARADISE RESORT** **MOMBASA COUNTY**

For more information & enquiries:  
Email: [waspa@africaonline.co.ke](mailto:waspa@africaonline.co.ke) or  
visit [www.waspakenya.or.ke](http://www.waspakenya.or.ke)

## PRINCIPAL SPONSORS



Ministry of Water,  
Sanitation and Irrigation



## PLATINUM SPONSOR

**TOPPIPE**  
piping systems

## GOLD SPONSORS



## SILVER SPONSORS



## BRONZE SPONSORS





## WATER & SANITATION PROVIDERS ASSOCIATION

Water & Sanitation Providers Association (WASPA), was first registered in November, 2002 as Water Services Providers Association (WASPA) under the Societies Act (CAP 108) as the premier umbrella body of all regulated Water Service Providers (WSPs) in Kenya. In 2022, the Association rebranded to Water and Sanitation Providers Association (WASPA) to give traction to sanitation which was left behind with a national coverage of 33%.

The WSPs were established by the Water Act 2002 which was repealed and replaced by Water Act 2016 with the cardinal mandate of providing safely managed water and sanitation services within their are of jurisdiction.

The main Mission of the Association being to facilitate an enabling environment for Water Services Providers through capacity building, advocacy, networking, partnerships and promotion of best practices for provision of efficient, effective and sustainable water and sanitation services.



### OUR MISSION

To facilitate an enabling environment for Water Services Providers through capacity building, advocacy, networking, partnerships and promotion of best practices for provision of efficient, effective and sustainable water and sanitation services.



### OUR VISION

To be the Association that facilitates strong, viable and sustainable water and sanitation service provision



### OUR VALUES

- Good Corporate Governance
- Integrity
- Collaboration
- Learning
- Rights



## OUR SERVICES

- Advocacy
- Capacity building
- Benchmarking and promotion of best practices
- Knowledge management





- **HDPE PIPES**
- **HDPE DRAINAGE**
- **PPR+ PIPES**
- **DAB PUMPS**

- **DWC PIPES**
- **FLOW VALVES**
- **SPIRAL PIPES**
- **AIR VALVES**

## Africa's Leading Manufacturer and Supplier of HDPE Piping Systems

"Creating Dream Lifestyles with Creative Solutions"

**TOP PIPE** is a trusted partner to Water Services Providers (WSPs) and infrastructure players across Kenya and the region. We supply **HDPE piping systems** that support safe, sustainable water and sanitation delivery.

**Locally Made, Africa-Ready**  
Manufactured at our Athi River facility, our pipes deliver durability across Africa's harshest weather conditions.

### Integrated Sector Solutions

Through global partnerships, we offer system solutions which enhance infrastructure efficiency and reliability, such as:

- Metering and Pumping Solutions
- Valves: Sluice, Non-Return (NRVs), Air Valves

### Sustainable by Design

As part of the T&C Group, we use sustainable technologies and a life-cycle approach to conserve resources and protect the environment.

- Water Supply
- Sewerage & Drainage
- Irrigation

All products meet ISO standards and carry the KEBS quality mark.

### Quality You Can Trust

With innovation and credibility at our core, **TOP PIPE** helps the water and construction sectors meet development goals and uplift communities.



**GET THE RIGHT PIPE FOR THE JOB. ALWAYS.**

[www.top-pipe.co.ke](http://www.top-pipe.co.ke)





# ABOUT THE CONFERENCE

Access to adequate water, sanitation and hygiene (WASH) is recognized as a fundamental human right by the United Nations General Assembly. The world is facing a water crisis, with climate change being a major threat. The Kenya Water & Sanitation International Conference & Exhibition 2025 aims to bring together experts, policymakers, industry leaders, researchers, community organizations and other relevant stakeholders to foster collaboration, share knowledge and showcase technological innovations aimed at achieving climate-adaptive, efficient, and sustainable water and sanitation systems.

## Overall Goal

To convene experts, policymakers, industry leaders, researchers, community organizations and other relevant stakeholders to foster collaboration, share knowledge and showcase technological innovations aimed at achieving climate-adaptive, efficient, and sustainable water and sanitation systems.

## Conference Theme

Innovation & Technology for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions.

Subthemes:

1. Policy Innovation and Governance for resilient, sustainable water and sanitation
2. Innovative Financing for climate-resilient Water and Sanitation
3. Emerging Technologies for Climate Resilient Water Resource Management
4. Innovations, Technologies and Market Opportunities for Climate-Resilient Sanitation
5. Climate Impacts on Water Resources, Irrigation and Sanitation: Research & Capacity Strengthening for Sustainable Climate-Smart Solutions

## Specific Objectives

1. To advance policy dialogues and commitments toward resilient, sustainable water and sanitation solutions.
2. To examine emerging technologies that enable sustainable water and sanitation access amid climate impacts.
3. To highlight sustainable finance models to drive climate-resilient infrastructure projects and innovations.
4. To share insights from successful case studies in climate-resilient water and sanitation solutions
5. To foster collaboration and partnerships between technology providers, policymakers, research & academia, NGOs, and communities in provision of water and sanitation solutions.

## Target

- Government at International, National & County levels
- Regional bodies: AU/AMCOW, UN Habitat, UNICEF, UNESCO
- Development Partners & Foreign Missions
- International & Local Technology Firms
- Government at National and County levels
- Water Utilities & Water Associations
- Research Institutions
- Institutions of higher learning
- Private Sector, Civil Society & NGOS
- Financial Institutions
- International Participants
- Service Providers



# THE ORGANIZERS

## MINISTRY OF WATER, SANITATION AND IRRIGATION

The Ministry of Water, Sanitation and Irrigation (MoWSI) was established by the Organization of the Government Executive Order No. 1 of 2023 (revised) issued in January, 2023. Its mandate is Water Resources Management Policy and Standards; Water Catchment Areas Conservation, Control and Protection; Flood Control; Water Storage and Irrigation Policy; Waste Water Treatment and Disposal Policy; Water Quality and Pollution Control; and Sanitation & Public Management.

## COUNCIL OF GOVERNORS

The Council of Governors was established under section 19 of the Intergovernmental Relations Act (2012) with the mandate to provide a mechanism for consultation among county governments; share information on performance of the counties in execution of their function, facilitate capacity building and knowledge sharing through intergovernmental forums on national and county interests amongst other functions.

## MOMBASA COUNTY

Mombasa County, the Coastal County 001, is one of the 47 counties established under article 6 as specified in the 1st Schedule of the new constitution of Kenya 2010 mainly to implement the devolved functions contained in part 2 of the 4th Schedule of the Constitution of Kenya 2010 among them water and sanitation services as defined in section 11. The Counties are operationalized as espoused in the County Government Act 2012.

Mombasa County is the second largest city (but the smallest County) in Kenya and is bordering Kilifi County to the North, Kwale County to the South-west and Indian Ocean to the East.

The County is committed to meet the expectations of its citizenry by focusing strategies that drive towards attaining the Vision of the County that is a vibrant modern regional commercial hub with improved living standards through the mission that enhances provision of high quality services through prudent utilization of resources as a base to foster socio-economic development to the residents of Mombasa. Mombasa is a water stressed County and only application of technologies can reverse the situation.

## WASPA

Water & Sanitation Providers Association (WASPA) was first registered in November, 2002 as Water Services Providers Association under the Societies Act (CAP 108) as the premier umbrella body of all regulated Water Service Providers (WSPs) in Kenya. In 2022, the Association rebranded to Water and Sanitation Providers Association (WASPA) to give traction to sanitation which was left behind with a national coverage of 29%.

The WSPs were established by the Water Act 2002 which was repealed and replaced by Water Act 2016 with the cardinal mandate of providing safely managed water and sanitation services within their area of jurisdiction.

The Main Mission of the Association being to facilitate an enabling environment for Water Services Providers through capacity building, advocacy, networking, partnerships and promotion of best practices for provision of efficient, effective and sustainable water and sanitation services.

# COMMITTEES

## Executive Committee

Eng. Eric Mugaa CS Ministry of Water, Sanitation and Irrigation	Mr. Julius Korir, CBS PS State Department for Water and Sanitation	CPA Ephantus Kimotho, CBS PS State Department for Irrigation	H.E. Abdulswamad Shariff Nassir Governor County Government of Mombasa
Mr. Thomas Odongo WASPA Chairman	Eng. SAO Alima Water Secretary, MWSI	Ms. Mary Mwiti, EBS CEO Council of Governors	Mr. Anthony Njaramba WASPA CEO

## Steering Committee

Mr. Julius Korir, CBS PS State Department for Water and Sanitation	CPA Ephantus Kimotho, CBS PS State Department for Irrigation	Mr. Thomas Odongo WASPA Chairman	Eng. SAO Alima Water Secretary
Eng. Vincent Kabuti, OGW Irrigation Secretary Ms. Eddah Wambui CBAM WASPA	Mr. Anthony Njaramba WASPA CEO Ms. Patricia Wanjari NRW Specialist WASPA	Dr. Caroline Kabaria STC Co- chair CPA Inyangala Collins FRMO WASPA	Dr. George Kwedho STC Co- Chair Ms. Margaret Muchiri ADMIN WASPA
Ms. Emily Achieng CECM Mombasa County	Ms. Violet Njambi Communications Officer WASPA	Mr. Paul Njeru ICT WASPA	Ms. Lucy Muhia WASREB
Mr. Samuel Olorasha SP Water Police Unit	Mr. Kavaka Wambulwa ADPC MWSI	Ms. Keturah Moikwabe WASREB	Ms. Vicky Betty Chepkorir, Ministry of Environment
Mr. Waithaka Ng'ang'a National Treasury	Mr. Jeremiah Kiminta, Water Police Unit	Mr. Mohammed Musa Ali, Northern Water Works Development Agency	CPA Wesley Kiprono Lake Victoria North Water Works
Dr. Jonnah Rao, Water Resources Authority	Mr. Leonard Makokha, Kenya Water Institute	Ms. Rose Chombe Tana Water Works Development Agency	Mr. Mburu Mwangi Athi Water Works Development Agency
Keith Noor Mombasa County			

## Secretariat

Eng. SAO Alima Water Secretary	Mr. Anthony Njaramba WASPA CEO	Ms. Emily Achieng CECM Mombasa County	Mr. Kavaka Wambulwa ADPC MWSI
Ms. Eddah Wambui CBAM WASPA	Ms. Patricia Wanjari NRW Specialist WASPA	CPA Inyangala Collins FRMO WASPA	Ms. Margaret Muchiri ADMIN WASPA
Ms. Emily Achieng CECM Mombasa County	Ms. Violet Njambi Communications Officer WASPA	Mr. Paul Njeru ICT WASPA	Ms. Lucy Muhia WASREB
Mr. Samuel Olorasha SP Water Police Unit	Keith Noor Mombasa County	Ms. Keturah Moikwabe WASREB	Mr. Jeremiah Kiminta, Water Police Unit

## Scientific & Technical Committee

Mr. Anthony Njaramba CEO WASPA	Dr. George Kwedho, PhD (Universities) - Co- chair	Dr. Caroline Kabaria, PhD (APHRC) - Co- chair	Eng Mary Wamaita, Director, Sanitation Management, MWSI
Eng Simon K. Korir, Director, Water Infrastructure, Development & Management, MWSI	Dr Joy Riungu, PhD (Universities)	Beatrice Langat (Head of Research, KEWI)	Jeremiah Beru (THIWASCO/Young Water Professionals Association)
Dr. Simon Mdonzo, PhD (Universities)	Ms. Terecia Mucia, MWSI	Paul Njeru (ICT)	Ms. Violet Njambi Communications Officer WASPA

## Innovations sub-committee

Ms. Beatrice Langat- Chairperson Kenya Water Institute	Dr. Ivy Chumo African Population and Health Research Center	Dr. Joy Riungu Sanitation Research Institute, Meru University of Science and Technology,
Prof. (Eng). James Meso Raude Associate Professor, JKUAT	Mr. Elly Ochere Water Sector Trust Fund	Mr. Gabriel Mwanzia Kenya Water Institute

## Innovators Profiles

<b>The Green Vertiver Latrines</b> OPERO Services Limited <a href="mailto:patricia@opero-services.com">patricia@opero-services.com</a>	<b>Real-Time Water Network Intelligence: Transforming Big Data Analytics into Action</b> Kisumu Water and Sanitation Company (Venessa Akinyi, Lilian Night Andanje and Bramwel Ouma) <a href="mailto:cvenessa@kiwasco.co.ke">cvenessa@kiwasco.co.ke</a>	<b>MajiSmart Water Metering and Billing Solution</b>  Alpha Systems <a href="mailto:info@alphasystems.co.ke">info@alphasystems.co.ke</a>
<b>Waste to Wealth: revolutionizing faecal sludge management through the power of circular economy</b>  Sanitation Research Institute <a href="mailto:jriungu@must.ac.ke">jriungu@must.ac.ke</a>	<b>Professionalize latrine emptying with the PuPu pump</b>  Robert Vuik <a href="mailto:robert.vuik@practica.org">robert.vuik@practica.org</a>	<b>Free Energy Water Pump</b>  Majembeni Secondary School <a href="mailto:sunmburu140@gmail.com">sunmburu140@gmail.com</a> 1. Lucy Njeri 2. Precious Loni





# DAILY PROGRAM

## Day 1: Monday | June 23, 2025

8.00am - 5.00pm

- Technical & Cultural Tours
- Registration & Conference Badge Collection
- Exhibition Setup

## Day 2: Tuesday | June 24, 2025

7.00am - 8.00am

REGISTRATION & CONFERENCE BADGE COLLECTION

PLENARY HALL

8.00am

Preliminaries

Thomas Odongo, WASPA Chair & Anthony Njaramba, CEO, WASPA  
Plenary 1: S3. Emerging Technologies for Climate-Resilient Water Resource Management

8.30am - 10.30am

**Plenary 1: S3. Emerging Technologies for Climate-Resilient Water Resource Management**

**Speaker:**

**Eng. Simon Thuo,**

*Africa Regional Lead, Water Resilience Tracker  
Prioritizing Water and Sanitation in Climate Action - Regional perspectives of NDCs, NAPs, and other national climate documents*

**Panelists:**

1. Eleftherios Kaltsas, UNESCO Regional Office for Eastern Africa
2. Kevin Gichangi, Manager, Kenya Rift Lakes Program, World Wide Fund for Nature (WWF-Kenya)
3. Daniel Meisel, Executive Director, Element Access
4. Janet Ahatho Ekalo, Director Environment and Climate Change, Marsabit County
5. Mware Kinyua, Director Water Resource, SDWS, MWSI
6. Eng. Bernard Onyango, Director Irrigation, SDI, MWSI
7. Eng. Nesline Ogwe, National Irrigation Authority, MWSI
8. David Githendu, Regional Director, Water Utility, East & West Africa and Country Director Kenya, GrundFOS

**Moderator: John Karonji,**

State Department of Water and Sanitation (SDWS), MWSI

10.30 - 11.00am

Tea Break & Exhibition Tour

11.00am - 12.45pm

CONCURRENT SESSIONS

## PLENARY HALL

### Break Out 1. S1 Innovative Financing for climate-resilient Water and Sanitation [Side Panel]

**Moderator:** George Okioma, CPF Group

**Speaker 1:** Eng. A Muigai, Director, Sabaki Water Carrier Project

**Speaker 2 :** Are PPPs the solution to Kenya's Water Sector Financing Gap?  
**CPA Dr. Christine Mawia Julius**, Deputy Director Finance and Accounts, Athi Water Works DA

1. Eng. Boniface Mulama, Head of PPP Division, MWSI
2. Eng. Kefa Seda, Director General PPP Directorate, National Treasury
3. Wali Mwalugongo, Citywise, Partnering with Cities, Freshlife
4. Grace Ndegwa, Investment Officer, Kiffwa
5. Shadrack Odhiambo, Relationship Manager WASH Family Bank
6. Eng. Yasuo Kobayashi, JICA

## BARRACUDA

### Break Out 2. S5. Capacity Strengthening [Side Panel]

**Chair:** Patrick Alube, Executive Director, KWAHO

**Speaker:** Thomas Odongo, MD, KIWASCO. Mentorship & Peer support for WSPs Global Water Operators Partnerships Alliance (GWOPA-UN Habitat)

1. Eng. Michael Ogol, MD, Kakamega Water
2. CPA Boniface Mbugua, MD, Kiambu Water
3. Mr. Abdi Farah, MD, Mombasa Water
4. Ms. Gladys Seleina, MD, Ololaiser Water
5. CPA Edwin Bukweye, MD, Amatsi Water
6. Franziska Volke, GWOPA, UN Habitat

## SAILFISH

### Break Out 3 . S2 Policy Innovation and Governance for resilient, sustainable water and sanitation. [Abstract Session]

**Chair:** Felix Kwena, Program Coordinator, KWAHO

1. Exploring Vulnerability in Accessing WASH Services in Nairobi's Informal Settlements. **J. Riungu; Karani C.K; Kirimi, L; D.S. Kiogora**
2. Beyond provision: Sanitation practices and access challenges in Informal settlements. **I. Chumo ; C. Kabaria; B. Mberu,**
3. Poor Urban Planning Effect on Non-Revenue Water Management - In Kisii Town. **C. Susu**
4. Challenges Faced by Water Service Providers in Policy Implementation. A. Nganga; N. Karanja; **J. Caleb; F. Macharia**
5. Enhancing Coordination for Accountability and Sustainability in Water Resources Management. **J. Kones; E. Kivuva; T. Barasa**
6. Strengthening Governance through Utility Transformation: A Policy Innovation Approach. **E. Ngugi**
7. Interplay of service delivery models, towards city wide inclusive sanitation in Nakuru. **H.Njung'e**

## SHIMBA

### Convenor Session 1: EAWAG

**Speaker:** Dr. George Wainaina , Group Leader, Eawag, Swiss Federal Institute of Aquatic Sciences and Technology

1. Meltus Mugomi - Director Regional Expansion Africa (Fresh Life)
2. Mtchera Chirwa, Director for Water Development and Sanitation, African Development Bank Group
3. Debjyoty Mukherjee, Principal PPP Finance officer-African Water Facility
4. Timothy Wanjohi, Low-Income Consumers manager-NAWASSCO
5. Kigen Chelimo, Principal -Open Capital
6. Elizabeth Mururi, Associate Director Communications & Marketing, Fresh Life
7. Grace Kabubu, Public Relations Officer, NAWASSCO

## 2.00pm- 3.30pm

## CONCURRENT SESSIONS

## PLENARY HALL

Break Out 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation [\[Side Panel\]](#)

Chair: Dorcas Otieno, SDWS, MWSI

**SPEAKER 1:** Kenya Water, Sanitation & Hygiene (K-WASH) Program. Eng Jacob Mwakio, MWSI

**SPEAKER 2:** WSPs Performance Improvement Action Plans (PIAPs). Eliud Lelera, Manager, Monitoring and Inspectorate, WASREB

**Panelists:**

1. Loice Mutua, Chief Officer, Water Tharaka Nithi county
2. Anthony Njaramba, CEO, WASPA
3. Thomas Odongo, MD, KIWASCO
4. Eng Felix Mumba, Director Water and Energy, Tana River County Government
5. Elly Ochere, Ag. Manager Research, Planning and M&E, WSTF

## BARRACUDA

Break Out 5: S4. Emerging Technology & Innovation for Climate-Resilient Sanitation Solutions [\[Abstract Session\]](#)

Chair: Christine Tantuo, CEO, GoSoft

1. Leveraging Electrical Conductivity (EC) as a Versatile Tool in Water quality Monitoring. **E. Okoth**
2. Fusing Space and Sensors: Predicting Turbidity for Smarter Water Treatment in Kisumu. **B.Ouma; K. Kitindah; V. Akinyi**
3. Application of GIS and Remote Sensing in Site Identification for Managed Aquifer Recharge. **S. Gatobu**
4. Stable Isotopes Applications for Water Resources Planning; Understanding Tiwi Aquifer. **E. Ileri**
5. HDPE Structured Wall Rainwater Recycling Tanks for High Volume Storage and Reuse of Rainwater. **S. Thomas; V.Samaras; J. Ndiema**
6. Green-Energy, A Sustainable Source of Energy for The Water Sector; Case Study for Kikuyu Water Company. **J. Murage**
7. Harnessing Solar Energy for Climate-Resilient Water and Case Study from Busia. **C. Oduori**
8. Source Water Estimation for Managed Aquifer Recharge in Tiwi Aquifer, Kenya. **C. Wacuka**
9. Enhancing Climate-Resilient Water Resource Management through Conservation Initiatives: A Case Study of THIWASCO's Watershed Investment. **E. Ngugi**
10. Climate change adaptation and mitigation through catchment protection: A case of River yala, Water fund. **M. Mariga**

## SAILFISH

Break Out 6 S2. Policy Innovation and Governance for resilient, sustainable water and sanitation. [\[Abstract Session\]](#)

Chair: Mburu Kiemo, THIWASCO

1. Models, towards city wide inclusive sanitation in Nakuru. **H. Njung'e**
2. KIWASCO's Governance Model for Inclusive and Sustainable Water Connections. **B. Ouma; S. Winyo**
3. Strong decentralized governance through collaborative action. **C. Namale; A.Hohne;**
4. Digital Platforms for Water Governance and Decision- Making. **H. Mutharu**
5. KYWP MMUST Chapter WASH awareness improving water access and hygiene through community engagement. **H. M. Oteko**
6. Community Led Initiative (CLI) \_ A Strategic Approach to Sustainable Non-Revenue Water Management. **B. Ondego; C. Otero**
7. Community Mapping of Water Sanitation and Hygiene Access for Sustainable Urban Planning. **E. Otieno; F. Onyambu; C. Cheruiyot**

## SHIMBA

### Break Out 7: S1. Innovative Financing for climate resilient water and sanitation [Abstract Session]

Chair: Peter Koech, WSTF

1. Impact of Accelerator Programmes on WASH Enterprises in Kenya. **N.Greene; M. Nyaruai; P. Omondi; J. H. Friede; S. Malik**
2. Community-Driven Models for Sustainable Rural Water Treatment Systems. **N. Mutugi**
3. KIWASCO's Journey to Financial Sustainability through Smart Prepaid Metering Technology. **K. Kitindah; M. Ogutu**
4. Leveraging Emerging Technologies for Financial Sustainability in KIWASCO. **T. Wadenya; S. Ananda**
5. Empowering Local Businesses and Enhancing Sanitation: PuPu Pump's Impact in East Africa. **A.Jagongo**
6. Scaling Sanitation Enterprises: Addressing Capacity Gaps for Sustainable Market-Based Sanitation in Kenya. **E Muchira**
7. Some thoughts about harvesting of and making products out of Water hyacinth, using old European experiences. **R. Kampf**
8. An Adaptive Water Rationing Model for Sustainable Water Distribution in Urban Areas Using Reinforcement Learning. **S. Nyutu**

3.30pm - 5.00pm

## CONCURRENT SESSIONS

## SHIMBA

### Break Out 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation [Side Panel Continued]

Chair: Dorcas Otieno, SDWS, MWSI

**SPEAKER 1:** Kenya Water, Sanitation & Hygiene (K-WASH) Program. Eng Jacob Mwakio, MWSI

**SPEAKER 2:** WSPs Performance Improvement Action Plans (PIAPs). Eliud Lelera, Manager, Monitoring and Inspectorate, WASREB

#### Panelists:

1. Loice Mutua, Chief Officer, Water Tharaka Nithi County
2. Anthony Njaramba, CEO, WASPA
3. Thomas Odongo, MD, KIWASCO
4. Eng Felix Mumba, Director Water and Energy, Tana River County Government
5. Elly Ochere, Manager Research, Planning and M&E, WSTF

## BARRACUDA

### Break Out 8: S3. Emerging Technologies for Climate-Resilient Water Resource Management [Side Panel]

Chair: Meltus Mugomi, Freshlife

**SPEAKER:** Philip Oluoch, WSUP; Uptake of technologies in the Kenyan Water Sector  
**SPEAKER:** Mohamed Shurie, CEO, Water Resources Authority

#### Panelists:

1. Lavuun Verstraete, Programme Manager – R-WASH UNICEF- Eastern and Southern Africa Regional Office.
2. Mr. Samuel Kinyanjui, Managing Director, WaterKiosk Africa
3. Mamo Boru Mamo, EBS, Director General, National Environment Management Authority (NEMA)
4. Zedekiah Otieno, Chief Operating Officer, Alpha Systems
5. Eng Ian Thande, Director Land Reclamation, SDI, MWSI
6. Salgia Noor, Nakuru Water and Sanitation Company,
7. Peter Koech, Manager, Water and Sanitation Services, WSTF
8. Vicky Betty Chepkorir, Director Projects, Programs and Strategic Initiatives, State Department of Environment and Climate Change, Ministry of Environment and Climate Change
9. David Githendu, Regional Director, Water Utility, East & West Africa and Country Director Kenya, GrundFOS



## SAILFISH

### Break Out 9: S4. Emerging Technology & Innovation for Climate-Resilient Sanitation Solutions [\[Abstract Session\]](#)

**Chair: Carol Odero, KIWASCO**

1. Overcoming Sanitation Challenges in an Urban Slum: A Case Study of Mbayani Township, **Blantyre. F. Nyamwezi**
2. Can improved access to handwashing infrastructure and soap change behaviour? Findings from a randomised control study in a refugee setting in Kenya. **D.Akeyo; V.Shah, I.Tumwebaze, N.Nganga, G.Kiragu, S.Philips, S.Simiyu**
3. Closed Loop Sanitation Project at Ezra Gumbe Primary School, Kisumu. **J. Obunga; B.Orwa**
4. Pit Latrine Emptying Innovations and Service Delivery Efficiencies in Kisumu. **C. Oluoch; E. Mariita; P. Omondi; C. Njehu**
5. Investigating On-site Conversion of Faecal Sludge using Black Soldier Fly Larvae: Case Study. **J. Riungu; Mumali A., Kithinji D.K; Karanja S; Oyoo V., Kiogora S.D.**
6. Evaluating simplified sewerage in sub-Saharan Africa. **M. Jackson-Koufie; A.Parker; M.Sule; B.Evans**
7. Rhonda's Simplified Sewer System - Game-Changer for Urban Communities. **G. Kabubu; Njung'e, H; Kimani, P**
8. SaniTracker: Enhancing sanitation service delivery through digital technology. **J.Kimotho**

## SHIMBA

### Break Out 10: S5. Research & Capacity Strengthening for climate- smart sustainable solutions [\[Abstract Session\]](#)

**Chair: Irene Ndirangu, THIWASCO**

1. Amplifying the voice of adolescent girls to improve school attendance during menstruation in Meru, Kenya. **L. M. Kirimi; L. Wood**
2. Promoting gender equality in human capital development. A case study of Murang'a Water and Sanitation Company. **J. Kinuthia; D. Thugu; A. Nganga**
3. Capacity building and research in Non-Sewered Sanitation; A glimpse at the terrain. **D.S. Kiogora; Riungu J N**
4. Need for sewer education to the public to reduce operation and maintenance costs of sewer. **M. B.Wanjiru**
5. Empowering schools through the "Toilets Making the Grade" Competition. **Al.Hoehne; S. Kasongamulilo; S. Schrader**
6. Addressing Spatial Data Gaps in Water and Sanitation through Capacity Strengthening. C.Cheruhyot; **E.J. Atieno, F.C. Onyambu**
7. Building Climate Resilience in Water Service Provision: A Case of Meru Water and Sewerage. **P. Mugendi; Riungu D. K.**
8. Catchment Management: An Important Part of Water Supply- KIWASCO Case Study. **G Odero; E. Muga.**
9. Implementing Nature Based Solutions in Mitigating Impacts of Climate on Water Resources, irrigation and Sanitation. **G. Mugambi**
10. Ensuring Safely Managed and Adequate Water for Improved Nutrition: Beyond Mere Access. **D. Achieng; I. Kiplagat ; E.Macharia ; M. Karumba ; M.Opondo; R. Sitati ; P.Kipkorir; J. Kathenge ; D.Mulwa; R.Ngugi ; E. Onsomu ; J.Gatungu**

**5.00pm**

**Tea Break & Exhibition Tour**

**5.30pm -7:00pm**

**BARRACUDA: YWP Session**

## Day 3: Wednesday | June 25, 2025

7.00am - 8.00am

REGISTRATION & CONFERENCE BADGE COLLECTION

### PLENARY HALL

8.00am - 12.30pm

Moderator: Michelle Ngele, Nation Media Group

Preliminaries

Bernard Mwaura MD, Nyahururu Water and Sanitation Company Ltd & Vice Chairman WASPA

**Silver Sponsor: Kush Nathwani, MD, Apex Piping Systems**

### WASREB IMPACT 17 Report LAUNCH

12.30 - 2.00pm

Lunch Break & Exhibition Tour

### PLENARY HALL

2.00pm - 3.00pm

Moderator: Eng S.A.O. Alima, Water Secretary, State Department for Water and Sanitation, Ministry of Water, Sanitation and Irrigation

Keynote Speaker: Dr Hosea Kimutai Kili, OGW, GMD/CEO, CPF Financial services (15mins)

High-level Panel I (40mins)

Theme: Innovative Financing models, Technology & Innovations for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions & Investments

- Julius Korir, CBS,

Principal Secretary, State Department of Water & Sanitation, Ministry of Water, Sanitation and Irrigation

- CPA Ephantus Kimotho, CBS

Principal Secretary, State Department for Irrigation, Ministry of Water, Sanitation and Irrigation

- Dr. Eng. Festus Ng'eno, PhD, MIEK, CBS

Principal Secretary, State Department of Environment & Climate Change, Ministry of Environment, Climate Change, and Forestry

- Dr. Chris Kiptoo CBS, Principal Secretary, The National Treasury

- Pascaline Ndungu, Senior Water and Sanitation Specialist, World Bank Group

- Mtchera Chirwa, Director Water & Sanitation Development, African Development Bank

- Prof Romanus Odhiambo, PhD, Vice Chancellor, Meru University of Science and Technology

- Thomas Odongo, Chairman, WASPA & Managing Director, Kisumu Water and Sewerage Company

- Mary Mwititi, EBS, CEO, Council of Governors

- H.E Reuben Kamuri, Chairperson, Caucus of Deputy Governors, COG

- Dr. Emmanuel K. Nzai, Chairman, Kenya Vision 2030 Delivery Board

**Gold Sponsor: MD, Top Pipe**

## Official Opening Ceremony

**3.00pm - 5.00pm**

**Facilitator:** Eng S.A.O. Alima, Water Secretary, State Department for Water and Sanitation, MWSI & Anthony Njaramba, CEO WASPA

### Welcome Address

1. Thomas Odongo, Chairman, WASPA Chairman
2. Haile Gashaw, UNICEF & Chair WATSAN Development Partners Group
3. Julius Korir, CBS, Principal Secretary, State Department of Water & Sanitation, MWSI
4. Hon. Sen Godfrey Osotsi, Chairperson, Senate County Public Investments and Special Funds Committee
5. H.E. Joshua Irungu, EGH, Chairman, Water and Natural Resource Management, COG
6. H.E. FCPA Ahmed Abdullahi, EGH, OGW, Chair, Council of Governors
7. H.E. Abdullswammad Sherif Nassir, Governor, County Government of Mombasa
8. Eng. Eric Mugaa, Cabinet Secretary, Ministry of Water, Sanitation & Irrigation

### Keynote Address

**H.E. Dr William Samoei Ruto, PhD, CGH**  
**President of the Republic of Kenya**

**5.00p - 6.00pm**

**Lunch Break & Exhibition Tour**

**6:00pm - 8.00pm**

**Welcome Cocktail:**

**Hosts:** Eng. Vincent Kabuti, OGW, Secretary Irrigation, Hon. Omar Said Omar, Water, Environment, Climate Change, and Forestry, Kilifi County & Dr. Eng. Moses Kenya, CEO THIWASCO & Former Chair WASPA

- Julius Korir, CBS, Principal Secretary, State Department of Water, Sanitation, MWSI
- Hon John Lekakeny Ololtuaa, Principal Secretary, State Department for Tourism
- H.E. Abdullswammad Sherif Nassir, Governor, County Government of Mombasa
- Eng. Eric Mugaa, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation

## Day 4: Thursday | June 26, 2025

**8.00am**

### PLENARY HALL

**8.00 - 8.30am**

### Preliminaries

CPA Michalel Mang'eli, MD Mavoko Water and Sewerage Company & Former WASPA Chair

Wario Bonaya, Programme Director, Water, GATSBY AFRICA

<p><b>8.30am - 10.30am</b></p>	<p><b>Plenary 6: S5. Research &amp; Capacity Strengthening for Sustainable Climate-Smart Solutions</b></p> <p><b>Speaker 1:</b> Dr George Wainaina, PhD, Scientific Knowledge broker, EAWAG/ Swiss Federal Institute of Aquatic Science and Technology.</p> <p><b>Speaker 2:</b> Prof Blessing Mberu, Ph.D, Population Dynamics &amp; Urbanization, APHRC</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. Dr Dickson Andala, CEO, National Research Fund (NRF)</li> <li>2. Prof Faith Karanja, Associate Professor, University of Nairobi</li> <li>3. Dr. Leiro Letangule, CEO, Kenya Water Institute (KEWI)</li> <li>4. Titus Kilonzo Mutuku, CEO Environment Institute of Kenya</li> <li>5. Eng Margaret Ogai, CEO, Engineering Board of Kenya (EBK)</li> <li>6. Geol. Agnes Mbugua, CEO, Regional Centre on Groundwater Resources</li> </ol> <p><b>Moderator:</b> Prof. (Eng). James Messo Raude, Associate Professor, Jomo Kenyatta University of Agriculture and Technology</p>
<p><b>10.30am - 11.00am</b></p>	<p><b>Tea Break &amp; Exhibition Tour</b></p>
<p><b>11.00 - 12.45pm</b></p>	<p><b>CONCURRENT SESSIONS</b></p>
<p><b>PLENARY HALL</b></p>	<p><b>Break Out 11. S4. Innovations, Technologies and Market Opportunities for Climate-Resilient Sanitation. <a href="#">[Side Panel]</a></b></p> <p><b>Chair:</b> Timothy Wanjohi, Sanitation Officer: Nakuru Water and Sanitation Services Company Limited</p> <p><b>Speaker 1:</b> Prof. (Eng). James Messo Raude, Associate Professor, (JKUAT); Climate-smart technologies for management of Onsite Domestic Wastewater</p> <p><b>Speaker 2:</b> Dr. Walter Ongeti, CEO, KENAS</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. Hope Njoroge, Climate Change Lead, UNESCO Chair Climate Change</li> <li>2. Georgina Wacuka, Kenya Association of Manufacturers</li> <li>3. Eng Lucy Njambi, Senior Sanitation expert</li> <li>4. Nicola Greene, Director, Scaling WASH Enterprise &amp; Innovation, Opero Services</li> <li>5. Beth Muigai, Technical Manager, Kiambu Water &amp; Sewerage Company</li> <li>6. John Irungu, NAWASSCOAL</li> <li>7. Benedict Kutu, Betterline Water</li> </ol>
<p><b>BARRACUDA</b></p>	<p><b>Break Out 12. S2. Policy Innovation and Governance for resilient, sustainable water and sanitation <a href="#">[Side Panel]</a></b></p> <p><b>Chair:</b> Pampil Mathehe, Head of Legal Services, Lake Victoria South WWDA</p> <p><b>Speaker:</b> Dr. Irene Ngunjiri, PhD, Water Governance and Innovation Hub, Strathmore University</p> <p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. Christine Flore Djuikouo Ndeffo, President of National Association of Toilets, Cameroon</li> <li>2. Tinebeb Yohannes, Founder, African Woman in Water and climate</li> <li>3. Fredrick Odhiambo, Program Officer, Health, Water and Sanitation- Economic and Social Rights Centre Hakijamii</li> <li>4. Caroline Njiru, Landscape Manager, World Resources Institute</li> <li>5. Martha Wanjiku, Legal Compliance Officer, Athi Water WWDA</li> <li>6. Eunice Mwongera, Director Special Programs, State department of Water and Sanitation, MWSI</li> </ol>

## SAILFISH

### Break Out 13: S3. Emerging Technology & Innovation for Climate-Resilient Water Resource Solutions [\[Abstract Session\]](#)

Chair: Priscillah Olouch, Malindi Water

1. Emerging Technologies for Building Climate-Resilient Water and Sanitation Systems in Kenya. **P. Kimani**
2. Leveraging Smart Meter Data Analytics to Enhance NRW Management. **M. Ogutu; L.N. Andanje**
3. Leveraging GIS-Enabled Incident Reporting to Reduce Non-Revenue Water. **D. Kamau; J.s K. Githige; G. M. Mathiu**
4. Smart Water Loss Management for Climate-Resilient Water Systems. **G. Kuria**
5. Real-Time Water Network Intelligence: Transforming Big Data Analytics into Action. **B. Ouma; V. Akinyi; L. N. Andanje**
6. Leveraging mWater to Foster Data Sovereignty and Resilient Water Infrastructure in Kenya. **D. Odhiambo**
7. Use of EPANET Model to Optimize Booster Chlorination in the Southern Zone Water Distribution Network. **D. Kafuka**
8. Utilization of solar energy for climate resilient Water Supply: A Case of Kiambu County. **P. Baru**

## SHIMBA

### Convenor Session 2 SISTARS

**Breaking the Flow Ceiling: Women Leaders Transforming Water Governance**  
Guest: Eng S.A.O. Alima, Water Secretary,, Ministry of Water, Sanitation and Irrigation

Speaker 1: Prof Faith Karanja, University of Nairobi & Dr Caroline Kabaria, APHRC  
Speaker 2: Hon. John Imoite, Chair, Lake Victoria North WWDA

#### Panelists:

1. Salgia Noor, Zonal Manager, Nakuru Water
2. Dr Florence Kithinji, Director, Kenya School of Governance Matuga
3. J. Wamalwa, CEO LVNWWDA
4. Eng. Philip Gichuki, CEO, Tana Water WWDA
5. Prof Blessing Mberu, APHRC
6. Eng D. Nganga, MD Muranga Water

**Moderator: Eng Simon Thuo**

**12.45pm - 2.00pm**

**Lunch Break & Exhibition Tour**

## PLENARY HALL

**2.00pm - 3.30pm**

### Plenary 7. S4. Innovations, Technologies and Market Opportunities for Climate-Resilient Sanitation

Speaker 1: **Willis Ombai, CEO, Water Sector Trust Fund**  
Speaker 2: **Dickson Ochieng, Director of Government Relations, Sanivation**

1. Eng. Joseph Kamau, CEO, Athi Water Works Development Agency
2. Eng. Philip Gichuki, CEO, Tana Water Works Development Agency
3. Eric Wamiti, Geostatistics Expert, Deputy Director Academic Affairs, KEWI.
4. Felix Wanje, MD, Malindi Water & Sanitation Company
5. Anthony Mulinge, MD, Freshlife
6. Brigadier (Rtd) Joseph M. Muracia, EBS, CEO, Nairobi Rivers Commission

**Moderator: Domenic Kiogora, Sanitation Research Institute, Meru University of Science and Technology**

**PLENARY HALL****Break Out14: S5. Research & Capacity Strengthening for Sustainable Climate-Smart Solutions** [Side Panel]

**Chair:** Dr. Irene Ngunjiri, PhD, Water Governance and Innovation Hub, Strathmore University

**Speaker:** Ruth Ng'ang'a, General Manager, Fund Development Water Sector TrustFund

**Panelists**

1. Florence Kigo, CEO, Kenya Engineering Technology Registration Board (KETRB)
2. Nelson Kwamini, Deputy Director Research, Consultancy and Technical Services, Kenya Water Institute
3. Simon Okoth, Associate Coordination Officer, UN-Habitat
4. Dr Peter Mawioo, Co-lead, Kenya Chapter, GSGS East and South Africa Region; Senior Lecturer, University of Eldoret;
5. Dr Fred Ogutu, KIRDI
6. William Wasonga Oduor, WatHab Regional Knowledge Manager, ICRC
7. Flora Njura Kanyua, Principal Karumo Technical Training Institute

**BARRACUDA****Convenor Session 3. AQUAYA INSTITUTE**

**The Water Quality Assurance Fund: Urban-Rural Collaboration for Water Quality – Lessons from Kericho, Nakuru, and Uasin Gishu Counties in Kenya**

**Speaker & Moderator:** Dr. Peace Musonge, Program Manager Aquaya Institute  
**Opening Remarks.** Ms Esther Ngari, CEO, KEBS

**Panelists**

1. Mr. Reuben Korir, MD, Nakuru Rural Water & Sanitation (NARUWASCO)
2. Eng. Charles Tonui, MD, URWASCO
3. Mr Edwin Mengich, Lab Manager, ELDOWAS
4. Eng. Margaret Kinyanjui, Chief Officer, Water & Sanitation, County Government of Nakuru

**SAILFISH****Convenor Session 4. GATSBY AFRICA.**

**The state of Water Resources Management in Kenya; What the data is telling us**  
**Speaker:** Wario Bonaya, Programme Director, Water, GATSBY AFRICA

1. Elly Ochere, Ag. Manager Research, Planning and M&E, WSTF
2. Prof. Japheth Ogalo Onyand, Egerton University
3. Geol. Agnes Mbugua, CEO, Regional Centre on Groundwater Resources

**SHIMBA****Convenor Session 5. WASREB**

**Speaker:** Richard Cheruiyot-Ag. CEO, WASREB

1. Eng. James Kigutu- Director Licensing, Standards & Advocacy, WASREB
2. John Muruka- Corporate Secretary & Manager Legal, WASREB
3. Angela Kimani- Ag. Director Corporate Services, WASREB

**6:00pm - 9.00pm**

### **Gala Dinner & Innovation Awards Ceremony**

Host: Emily Achieng Okello, CEC Water, Natural Resources and Climate Change Resilience, Mombasa County & Anthony Njaramba, CEO WASPA

Speaker 1: Dr. David Ngigi, Ag. Director General, National Commission for Science, Technology and Innovation (NACOSTI)

Speaker 2: Prof Amos Omamo, Director, Research, Innovation, Commercialization and Extensions (RICE), Meru University of Science and Technology (MUST);

#### **Guests**

H.E. Abdullswammad Sherif Nassir, Governor, County Government of Mombasa  
Hon. Salim Mvurya, EGH, Cabinet Secretary, Ministry of Youth Affairs, Creative Economy & Sports

Eng. Eric Mugaa, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation

**Principal Guest: Rt. Hon. Raila Odinga, EGH**

## **Day 5: Friday | June 27, 2025**

### **PLENARY HALL**

**8:00am**

#### **Preliminaries**

Eng. Daniel Ng'ang'a, MD, Murang'a Water and Sanitation Company & Former WASPA Chair

**8.30am - 10.30am**

**Plenary 4: S2. Policy Innovation and Governance for resilient, sustainable water and sanitation**

**Speakers: Navigating Policy Windows: Sanitation Management Policies.**  
Eng Mary Wamaitha, Director, Sanitation Management, Ministry of Water, Sanitation and Irrigation & Mamadou Diallo, Head, Policy, Engagement, and Communications (PEC), African Population & Health Research Center

**Speaker: Climate Resilient Urban WASH: Opportunities for Climate financing,** Antony Ambugo, Country Director. WSUP Kenya

#### **Panelists:**

1. Malesi Shivaji, CEO, KEWASNET
2. Hezekiah Pireh, Programme Management Officer, UN-Habitat
3. Milkah Moraa Areba, Member of County Assembly, Mombasa County
4. James Ng'ang'a Gachathi, Managing Director, Nakuru Water and Sanitation Services Company Ltd
5. Rose Nyakwara, State Counsel, Ministry of Water, Sanitation and Irrigation
6. Ms Doris Mwangi, Principal Legal Officer, National Water Harvesting & Storage Authority
7. Janet Olewe, Manager Legal Services, Water Resources Authority
8. Gladys Wekesa, Transboundary, ASPG/AMCOW TAC member

**Moderator: John Muruka, WASREB**



10.30am - 11.00am	Tea Break & Exhibition Tour
11.00am -12.00pm	CONCURRENT SESSIONS
PLENARY HALL	<p>Caucus of Deputy Governors, COG</p> <p>Speaker: H.E Reuben Kamuri, Chairperson, Caucus of Deputy Governors, COG</p>
BARRACUDA	<p>Convenor Session 6. AQUA FOR ALL</p> <p>Speaker: Joshua Kibet, WASH finance Lead, Aqua for All</p> <ol style="list-style-type: none"> <li>1. Anthony Njaramba, CEO, WASPA</li> <li>2. Kasalu Mwanzia, Relationship Manager, Cooperative Bank</li> <li>3. Dr. Lawrance Tanui, Managing Director MD ELdowas</li> <li>4. Eng. Peter G. Kahuthu, MD, Nyewasco</li> <li>5. Dickson Kinyua Njiru, MD, Nyandarua Water and Sanitation Company.</li> </ol>
SAILFISH	<p>Convenor Session 7. ELDOWAS</p> <p>Scaling Water Fund Model for Climate Change Mitigation &amp; Sustainable Catchment Management</p> <p>Speaker: Stephen Kibet, Resilient Watersheds Manager TNC</p> <p>Panelists</p> <ol style="list-style-type: none"> <li>1. Dr Lawrence Tanui, Managing Director, ELDOWAS</li> <li>2. Cornel Omondi, Project Manager, Jumuiya Water Fund</li> <li>3. Eng Nashon Muguna, MD, Nairobi Water</li> <li>4. Representative, Ministry of Environment &amp; Climate Change</li> <li>5. Dr Stella Wanjala, Director of Women in Water &amp; Natural Resources Conservation</li> </ol>
PLENARY HALL	
12.00pm - 1.00pm	<p>Conference Resolutions</p> <p>Anthony Njaramba, CEO, WASPA</p> <p>Official Closing Ceremony</p> <p>Facilitator: Julius Korir, CBS, Principal Secretary, Ministry of Water, Sanitation &amp; Irrigation &amp; Hamed Mwabudzo, CeC Water Services, Kwale County</p> <p>Thomas Odongo, Chairman, WASPA</p> <p>H.E. FCPA Ahmed Abdullahi, EGH, OGW, Chair, Council of Governors</p> <p>H.E. Joshua Irungu, EGH, Governor, County Government of Laikipia</p> <p>H.E. Abdullswammad Sherif Nassir, Governor, County Government of Mombasa</p> <p>Eng. Eric Mugaa, Cabinet Secretary, Ministry of Water, Sanitation and Irrigation</p> <p>Keynote Address</p> <p><b>Hon. Prof. Kithure Kindiki, E.G.H.</b></p> <p><b>The Deputy President of the Republic of Kenya</b></p>
1.00pm - 2.00pm	Lunch Break & Exhibition Tour





**WATER SECTOR (UMBRELLA)  
PENSION FUND**



Secure your future with the

# WATER SECTOR (UMBRELLA) PENSION FUND WASPF

Tailored to meet the retirement needs of  
water company employees.

Administered by:  
**CPF** FINANCIAL  
SERVICES



Date	Course Name	Venue	Price
16th-18th Jul 2025	Testing Laboratories Implementation Training	Nairobi	69,740 +VAT
26th-28th Aug 2025	Internal Quality Audit Training for Water Companies	Nakuru	69,740 +VAT
25th-26th Sep 2025	Quality Control & Assurance in Laboratories	Nairobi	49,100 +VAT
22nd-24th Oct 2025	Calibration Laboratories Implementation Training	Nairobi	69,740 +VAT
12th-14th Nov 2025	Risk Management for Laboratories	Machakos	69,740 +VAT

These courses are based on ISO/IEC 17025:2017

**KENAS.go.ke**



KENYA  
ACCREDITATION  
SERVICE

## THE 8 STEPS OF ACCREDITATION

STEP 1

Applicant/Client Inquiries about accreditation

STEP 2

On eCitizen

a) Fills in application form  
b) Pays application & document review fee.  
c) Submits duly filled form

STEP 3

The duly filled application form is reviewed.

STEP 4

Successful applicant submits relevant documents for review and thereafter pays assessment (initial) fee on Ecitizen.

STEP 5

Initial assessment done to determine the competence of the CAB.

STEP 6

Review of closure for the non-conformities raised

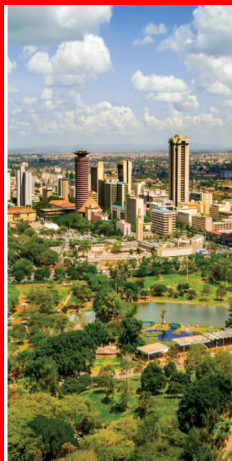
STEP 7

Issuance of accreditation certificate, symbols, and program to the client

STEP 8

Periodic assessments done after 6 months and thereafter annually before the end of the accreditation

## WASH financing in Kenya



### Results achieved in Kenya

-  1.75 million people have been reached from 2002 to 2024
-  Since 2019, 58 contracts were signed
-  Since 2019, we have financed fourteen financial institutions, enabling them to support 925 MSMEs
-  The Inclusive Green Growth (IGG) funding of €16m has leveraged €44m, with €6.5m drawing €25m in private capital since mid-2019

YOUR PREFERRED BANK FOR YOUR BIASHARA

## Flexible Financing

### Water, sanitation and hygiene projects

Access clean water with a MajiPlus loan facility for:

- Rainwater harvesting systems
- Boreholes & water kiosks
- Biogas & sanitation solutions
- Water Utilities Projects

### Unlock Your WASH Project Today!

Call 0703 095 445 / 000 Visit:  
[familybank.co.ke/loans/majiplus](http://familybank.co.ke/loans/majiplus)  
Or visit any Family Bank branch near you

kisheZaidi

 **Family Bank**  
With you, for life

Family Bank is regulated by the Central Bank of Kenya



CONNECT WITH FLOW

## Smart Piping for a sustainable future

Discover our reliable Hydro-flo range of uPVC, HDPE, and PPR pipes – precision-engineered for climate-smart water, sanitation, and infrastructure solutions.

Innovative, efficient, and built for lasting impact.







# Kenya National Research Festival 2025

## Sustainable Agriculture and Food Security

Empowering Communities through Research, Science, Technology and Innovation



Register To Participate



18th - 22nd August 2025



EGERTON UNIVERSITY, NJORO

# GRUNDFOS CONNECT

## PREDICT ISSUES, PREVENT DOWNTIME, PROTECT ASSETS:

Grundfos Connect is an asset monitoring software that allows you to monitor your water infrastructure equipment at anytime from anywhere.

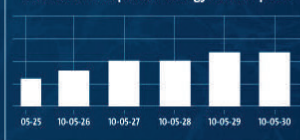
You will get notifications when anything is out of the ordinary, enabling you to act in time and plan maintenance accordingly.

As a result, you will be able to prevent costly downtime and protect your assets. It's the perfect tool to let you go about your business with complete peace of mind.

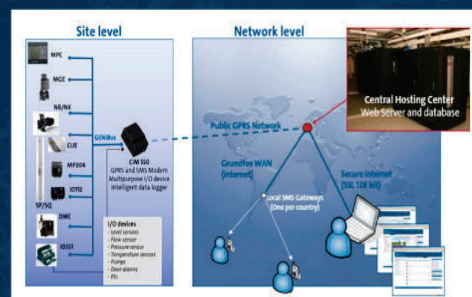
- ☑ Access data anytime, anywhere
- ☑ Get customised reports according to your needs
- ☑ Increase productivity
- ☑ Act before it's too late
- ☑ Reduce operational costs
- ☑ Proactive troubleshooting
- ☑ Real-time monitoring of system performance significantly increases the efficiency of day-to-day operations



Monitor and Report on energy consumption



BRING ALL  
YOUR PUMPS  
ONLINE



**GRUNDFOS**

Possibility in every drop

www.grundfos.com/ke | htowett@grundfos.com | +254 725 519 823

# PARTNERS & SPONSORS







**T**he Netherlands' (Dutch) way of thinking and working has been shaped by centuries of living in the low-lying delta of the Netherlands. Through the years, the Dutch have joined forces to find ingenious ways to tackle challenges like water, urbanization, energy, food, health and security.

By being inventive, programmatic and open to new challenges, the Dutch have created a flourishing and resilient land. Through this interactive approach the Netherlands continues to find innovative solutions to the big challenges facing the world today.

In Kenya, the Netherlands enjoys a longstanding collaboration that spans over 60 years. In the heart of this collaboration are valuable partnerships contributing to resilient water management and development. The Netherlands is actively engaging at policy/regulatory level, as well as at the technical level. The focus of the Netherlands support cuts across; promotion of innovative financing models focused on PPP strengthening for infrastructure development, enhancing water management approaches with the relevant water authorities, and the improvement of water service provision.

The Netherlands looks forward to participate in the 2025 WatSan Conference and Exhibition, where among its partnerships will be The Catchment to Tap (C2T) Project, showcasing highlights from five years of intervention on innovations for climate smart water solutions including citizen science, Maji Sacco, leveraging on youth and advocacy to bridge the gap in SDG 6 reporting and development of knowledge exchange platforms for water, sanitation and Hygiene.

C2T is a five year initiative (2021-2025) to strengthen Integrated Water Resources Management and Water, Sanitation and Hygiene Nexus for enhanced Water Security in the country. It is implemented by WWF-Kenya that is leading a consortium comprising of; World WaterNet, VEI, Acacia Water, Egerton University and KEWASNET. The conference will provide a strategic platform for this partnership to showcase and engage with a broad range of conference delegates.



## **The Water Services Regulatory Board (WASREB)**

WASREB is the national regulator of water and sewerage services. It was established in March 2003 as part of the comprehensive reforms in the water sector. WASREB's mandate is provided for under Section 70, read together with Section 72 of the Water Act 2016, as part of the National Government's mandate in Schedule 4 of the Constitution.

WASREB's main statutory objective is to protect the interests and rights of all in the provision of water services, while ensuring other stakeholders' interests are also safeguarded.

To ensure its mandate is feasible, the institution oversees the implementation of policies and strategies relating to the provision of water and sewerage services. WASREB also sets rules and enforces standards that guide the sector towards ensuring that consumers are protected and have access to efficient, affordable, and sustainable services.

### **Our Vision**

Sustainable Water Services for Quality Life.

### **Our Mission**

To Provide a Regulatory Environment that Facilitates Sustainable Water Services in Line with Human Rights to Water and Sanitation.

### **Our Core Values**

**Accountability:** We are responsible to the citizens in providing consumer protection.

**Responsiveness:** We respond to our stakeholders needs in a timely and effective way.

**Integrity:** We embrace professionalism based on honesty, truthfulness, and adherence to ethical principles in discharging our mandate.

**Innovation:** We seek out new possibilities and solutions to respond to regulatory challenges.

**Teamwork:** We work as a cohesive team and seek partnerships to achieve goals.

# CABINET SECRETARY

## MINISTRY OF WATER, SANITATION AND IRRIGATION, STATE DEPARTMENT FOR WATER AND SANITATION



ENG ERIC MURITHI MUGAA

**Distinguished guests, Ladies and gentlemen,**

It is with immense honour and a deep sense of purpose that I welcome you all to the 2025 Kenya Water and Sanitation International Conference and Exhibition. We gather here on the beautiful shores of Indian Ocean, not only to share knowledge and showcase innovations but to forge the future of a Sector that is fundamental to Life, Dignity, and Development of our Nation.

This conference could not have come at a more defining moment. The clock is ticking. We are halfway through the final Decade of Action to deliver on the Sustainable Development Goals. Yet the global Water and Sanitation targets have not been realized. Today, more than two billion people around the World still lack access to safely managed drinking water. Nearly half the global population lives without adequate Sanitation. These are not just statistics; they are stories of children missing school, of mothers and girls walking long distances in search of water, and communities trapped in cycles of poverty and disease.

In Kenya, we are not immune. While we have made notable strides in expanding water coverage to 73%, and increasing safely managed sanitation to 40.9%, we are still far from the promise of universal access. Sewerage coverage has over the years been concentrated in about 32 urban centres, while vast Rural areas remain underserved. The Ministry through Sessional Paper No. 1 of 2021 on the National Water Policy made a paradigm shift to invest in Water Resources, Water Services and Sanitation in equal measure. Thus, through the Kenya Towns Sustainable Water Supply and Sanitation Development Program, the Ministry has invested in Sewerage Systems in Narok, Chepararia, Meru, Marsabit, Mandera, Othaya, Isiolo, Kiambu Ruaka, Kikuyu, Limuru, Chogoria, Chuka and Oyugis while under the Water Sanitation Development Program, faecal sludge management facilities are being constructed in Wajir, Malindi, Watamu and Mtwapa. It is clear, Water and Sanitation are not luxuries. They are human rights, and they are the very foundations upon which we must build our aspirations for a prosperous, healthy, and equitable nation.

Ladies and Gentlemen, the challenge is growing more complex. Climate Change has transformed the Water Sector into a frontline of crisis. Prolonged droughts, erratic rainfall, and destructive floods are realities of our times. Our water infrastructure is under siege. Our sanitation systems are being overwhelmed. And our most vulnerable populations are the hardest hit. Climate Change is, fundamentally, a water crisis. Yet even in the face of these immense challenges, I am filled with hope. Because we are not here just to lament. We are here to act. We are here to innovate. We are here to lead.

The theme of this year's conference: "Innovative Financing Models, Technology & Innovations for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions & Investments." is not merely aspirational. It is actionable. It invites us to rethink our approach — from how we finance infrastructure, to how we regulate the sector and design solutions that can withstand the test of time and climate.

Ladies and Gentlemen, the Kenya's National Water and Sanitation Investment Plan (NAWASIP) calls for nearly one trillion shillings in funding to meet our sectoral goals. But today, we face a 46% budget deficit. We cannot bridge this gap through traditional funding sources alone. We must turn to bold, innovative financing mechanisms. This includes scaling up Public-Private Partnerships, harnessing blended financing models, issuing green bonds, and unlocking the potential of climate-related funds such as the Green Climate Fund and the Adaptation Fund.

We must also invest in digitization and innovation. Emerging technologies, from smart metering to GIS-based leak detection, to solar-powered systems and mobile sanitation solutions, are changing the game. They offer not only efficiency but scalability. They empower communities and utilities to better manage resources, reduce losses, and expand reach.

Financing and technology can only work for us in light of an enabling environment. That means Regulatory Reforms that reduce red tape and increase investor confidence are essential. It means harmonizing efforts between the National and County Governments, recognising that the provision of Water and Sanitation services is a devolved function, and therefore, we must work hand in hand to ensure that every Kenyan, regardless of geography or income, can access safe, reliable, and affordable services. In this regard, I call upon the County Governments to implement the provisions of the Water Services Regulations 2025 to achieve stability and increase efficiency of the Water and Sanitation services to the people.

This is also a moment to emphasize inclusivity. Let us not forget that water insecurity affects women and girls disproportionately. They bear the burden of water collection, they suffer most from poor sanitation, and they must be central to our solutions. Youth, too, must be at the table, as innovators, as entrepreneurs, and as future leaders of this sector.

Ladies and Gentlemen, let me take a moment to acknowledge our Development Partners, many of whom are represented here today. Your support, both technical and financial, has been instrumental in advancing Kenya's WASH agenda. We invite you to deepen your collaboration with us. Let us co-create solutions that are community-driven, climate-resilient, and commercially viable.

To our Private Sector colleagues: you are not spectators. You are essential actors. This conference is your opportunity to showcase technologies, forge partnerships, and invest in a sector with both high potential and high impact. To the Counties, Regulators, and Utilities: your leadership on the ground is what will turn policies into outcomes. Let us use this forum to share lessons, celebrate innovations, and commit to scaling what works.

Over the next few days, let this conference be more than a series of sessions. Let it be a platform of transformation. Let us emerge from Mombasa with new alliances, stronger resolve, and actionable commitments. This is our moment. A decade to deliver. And we must deliver, not in reports or roadmaps, but in real, lasting change in the lives of our people. Let us build a Water and Sanitation future that is just, resilient, inclusive, and climate-smart. For our communities. For our children. For our Country.

I thank you, and I wish you all a productive, engaging, and visionary conference.

**Asanteni sana.  
Mungu awabariki.**

# PRINCIPAL SECRETARY

## STATE DEPARTMENT FOR WATER AND SANITATION



**MR JULIUS KORIR, CBS**

It is a great honour to address you today at the opening of the Kenya Water and Sanitation International Conference and Exhibition 2025. I am delighted to join a distinguished gathering of experts, policymakers, financiers, and practitioners from across the world, united by our shared commitment to Water and Sanitation for all.

This conference is an important opportunity to align our collective focus on the urgent task of transforming Kenya's Water and Sanitation Sector into one that is resilient, inclusive, and adaptive to the impacts of climate change. The specific objectives of this conference sets the tone for the work ahead: to spotlight innovative financing models, stimulate policy dialogue, showcase climate-smart technologies, and build new partnerships that can accelerate progress in our sector.

This week, we will explore a wide array of themes, from Artificial Intelligence and big data in Water Management, to case studies on citywide inclusive sanitation, to financing models such as green bonds and Public-Private Partnerships. We will learn from each other and push each other forward.

Ladies and Gentlemen, water coverage in Kenya currently stands at approximately 73%, while safely managed sanitation coverage has risen to 40.9%. Sewerage systems serve over 4.4 million people, mostly concentrated in urban centres. At the same time, Non-Revenue Water remains a significant challenge, with average national levels of 43%.

These statistics tell a story of progress and persistent challenges. But they also point to clear areas for intervention and policy reform. One such area is on Water Resources Management. As water stress increases, managing our water sustainably from the source becomes more urgent than ever. Catchment protection and restoration, the implementation of Water Allocation Plans, and the licensing and monitoring of water abstractions must be prioritized. These are foundational to building climate resilience and ensuring equitable access for all sectors.

One area demanding immediate attention is the Bulk Water Supply. Water Works Development Agencies are mandated to develop infrastructure to deliver bulk water to utilities. However, a key barrier to scaling these services remains tariff management and cost recovery. We must strengthen the economic viability of water supply systems, ensuring that tariffs are not only fair and affordable but also sufficient to sustain operations, maintenance, and future investment.

Additionally, we must focus on strengthening Water Service Providers. Our utilities need stable Boards, qualified Technical Personnel, and robust systems of accountability. The Ministry remains committed to supporting those in need of capacity building. We will work closely with WASREB, WASPA, and other Stakeholders to develop capacity enhancement Programs that match the technical and governance needs of each utility. Professionalism is central to the credibility, efficiency, and long-term sustainability of our sector.

Ladies and Gentlemen, our Sector must embrace reforms not only in infrastructure and Policy but also in Governance. We must invest in digital tools that enhance transparency and decision-making, including smart metering, remote monitoring systems, and customer feedback platforms. We must scale up the use of climate finance instruments, from PPPs to blended finance and green bonds to attract new capital. Let us use this conference to explore and refine these tools together.

This week presents an opportunity for deep and meaningful policy dialogue. I urge all delegates to engage fully in the technical sessions, contribute your insights, challenge assumptions, and build networks that will outlast this week and continue to serve our sector for years to come.

Ladies and Gentlemen, as we embark on this journey together, let us recommit to the vision of a Kenya where every person has access to safe and reliable water and sanitation services no matter where they live, and regardless of their income.

I thank you, and I wish you all a productive and inspiring conference.

**God bless you.**

**God bless Kenya**

# PRINCIPAL SECRETARY

## STATE DEPARTMENT FOR IRRIGATION



CPA Ephantus Kimotho CBS

**Distinguished Guests, Ladies and Gentlemen,**

It is a pleasure to address this gathering on Innovative Financing Models, Technology, and Innovations for Sustainable Pathways to Climate-Smart Water Solutions and Investments.

This theme is close to my heart and deeply resonates with the aspirations we hold as a ministry. Indeed, a deeper exploration into the core of this theme marks the essential starting point for addressing the immense challenges we face in water provision. These include chronic underinvestment, unsustainable usage patterns, and the devastating impacts of climate change. From the perspective of water for agriculture, this is not just a technical issue—it is foundational to our national development, food security, and the resilience of our rural communities.

In Kenya, agriculture remains the largest consumer of freshwater, accounting for approximately 70% to 80% of total water withdrawals. This underscores the vital role of irrigation in a sector that contributes about 22% directly to the national GDP and an additional 27% through related sectors. Yet, only 4% of Kenya's arable land is irrigated—a clear indication of the urgent need to enhance water-use efficiency and expand irrigation infrastructure to meet growing demand in both rural and urban areas.

To address this, the Ministry of Water, Sanitation and Irrigation launched the National Irrigation Sector Investment Plan (NISIP)—a 10-year strategy designed to transform the irrigation sector, enhance food security, and strengthen climate resilience. NISIP aims to increase irrigated land from 747,000 acres to 1.7 million acres by 2035, requiring an estimated investment of KSh 598 billion (USD 4.6 billion), with 39% of funding expected from government and development partners, and 61% from private sector investment.

Achieving this vision demands innovative financing models, climate-smart technologies, and coordinated multi-stakeholder efforts. Opportunities under NISIP span large-scale and smallholder irrigation schemes, offering entry points for investors, innovators and development partners to align resources and accelerate progress. Technologies such as precision irrigation, artificial intelligence, big data, satellite imaging, and mobile platforms are now enabling real-time, precise water management—boosting productivity and ensuring sustainability.

A successful example is the Smallholder Irrigation Development for Mt Kenya (SIMPK), a blended finance initiative combining public, private, and philanthropic capital. Under SIMPK, 24 smallholder schemes have been developed, expanding irrigation by over 7,000 acres. Plans are underway to replicate this model across other regions in Kenya.

Innovative irrigation technologies are enhancing agricultural water use in Kenya, improving efficiency, reducing costs, and boosting sustainability. Projects like the Ahero and Hola Irrigation Schemes are being solarized, showcasing the country's shift toward clean, energy-efficient solutions that support automation, water conservation, and increased crop yields. While these advancements are already making a significant impact, Kenya is also looking ahead to future plans that include water recycling and the reuse of treated wastewater to further reduce freshwater demand and strengthen agricultural resilience.

Public–Private Partnerships (PPPs) are central to Kenya's irrigation transformation. They bring together public oversight and private innovation to unlock long-term investments across the agricultural value chain. Under NISIP, PPPs have already been adopted in flagship projects like the Galana Kulalu Food Security Project and Bura Irrigation Scheme, with additional prospects in dams such as High Grand Falls, Thuci dam; Lowaat Dam; Radat Dam; Gogo dam among others.

Looking ahead, the State Department for Irrigation is exploring the issuance of green bonds as a tool to finance climate-resilient irrigation systems. These instruments can attract climate-conscious investors and promote accountability while accelerating the development of sustainable water infrastructure.

Distinguished Guests, the State Department for Irrigation remains steadfast in its commitment to expand irrigated land by over one million acres in the next decade, while enhancing water-use efficiency and championing innovative financing mechanisms.

In conclusion, the future of climate-smart agriculture lies at the intersection of smart finance and smart technology. Through blended finance, PPPs, and green bonds—combined with AI and data-driven innovations—we can build a resilient agricultural sector that is sustainable, equitable, and profitable in the face of climate uncertainty.

Thank you.



# EGH CHAIRMAN, COUNCIL OF GOVERNORS & GOVERNOR, WAJIR COUNTY



**H.E. FCPA AHMED ABDULLAHI**

1. It is both an honour and a privilege to address you today on behalf of the Council of Governors, and to warmly welcome you to this important convening of minds, technology, and solutions at the Kenya Water and Sanitation International Conference and Exhibition 2025.

2. Allow me to begin by thanking the Ministry of Water, Sanitation and Irrigation, and all our partners for organizing this critical forum.

3. As Chair of the Council of Governors, and Governor of Wajir, a County profoundly affected by climatic extremes, I understand, deeply, the urgency and complexity of water and sanitation challenges at the grassroots.

4. Water and sanitation services provision is devolved, and rightly so, the Constitution of Kenya, 2010 entrusted County Governments with the critical responsibility of ensuring equitable, accessible, and sustainable delivery of clean water to all citizens.

5. This is not simply an administrative mandate. It is a moral obligation. It is about dignity, public health and nutrition, gender equity, economic growth, and environmental stewardship all interwoven through the thread of water security.

6. The theme of this year's conference is timely and forward-looking.

“Innovation and Technology for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions” directly speaks to what Counties need today; solutions that are smart, scalable, and locally-led.

7. Across the County Governments, the necessary legislations and frameworks on climate action have been formulated towards ensuring sustainability, minimizing environmental impacts and fortifying resilience to climate change in development sectors.

8. Noteworthy, all the 47 County Governments have the necessary climate Change Acts and County Climate Action Plans that provide for adaptation and mitigation actions mainstreamed in their County Integrated Development Plans (CIDPs) and Sectoral Plans.

9. Additionally, it is noteworthy that there are existing County Water Master Plans and County Water and Sanitation strategies and investment plans (CWSSI&IPs) aimed at providing basis for all capital infrastructure investments for delivery of water and sanitation services, integrated water resources management and climate resilient adaptation strategies in water and sanitation sector in the counties.

10. As such the required investments have been mapped out and climate considerations put in place. County Governments are open to pursue sustainable partnerships for their implementation. Some of climate smart innovations include: Solar-powered desalination plants in coastal regions, solar powered boreholes, climate resilient rainwater harvesting in drought-prone Counties, digital water metering and leak detection systems, fecal sludge management models in informal settlements, public-private partnerships for water kiosks and sanitation blocks, among others.

11. However, these innovations need to be up-scaled in order to increase sustainable access to improved water and sanitation services at household level as envisaged in our blue prints.

**Ladies and gentlemen,**

12. The impacts of climate change manifest locally, and so should be our solutions. Counties, especially in ASAL regions, face increasing pressure from droughts, floods, degraded catchments, and resource-based conflicts.

Moreover, we have witnessed other Counties facing pronounced landslides and floods washing away capital-intensive infrastructure such as bridges and drainage systems.

13. The future of water resilience lies in strengthening County institutions, climate scenario informed planning, building capacity, and ensuring Counties have predictable, adequate funding to implement water and sanitation programs effectively- and all of these solutions will be enabled by technology and innovation.

14. Multi-County coordination is inevitable, especially where water sources and aquifers are cross-County in nature. The Council is committed to supporting transboundary and inter-County collaboration, shared data systems for monitoring, and joint investment frameworks.

15. We urge our partners and National Government to work with us on the following areas:

- Increased conditional grants and climate financing to Counties for water and sanitation infrastructure leveraging on already established County Climate Change Funds.
- Strengthening Water and Sanitation Providers (WSPs) through technical support and capacity building.
- Respect the institutional integrity and functions of County Governments on water and sanitation service provision and not encroach these functions under the guise of PPPs.
- Promoting local technology incubation and youth-led innovations in Counties.
- Formalizing and integrating traditional water governance systems in ASALs and community-owned schemes.
- Aligning programs and projects as anchored in the National Water and Sanitation Investment Plan (NAWASIP) to ensure coherent implementation at both National and County level.

16. As I conclude, let us go back to our Counties with renewed purpose, better ideas, and stronger networks. Our commitment is to our people; this platform backstops our duty to bridging the gap in universal access to water and safe sanitation services across the Counties in the wake of climate change.

17. I wish to recognize the efforts of: the Ministry of Water and Sanitation, Development partners including the World Bank, AfDB, UNICEF, GIZ, Local and international innovators and researchers, civil society and community-based organizations and private sector actors who are driving investment in water-tech. Your partnership is not just appreciated, it is essential.

18. Let us continue working together, devolution is the promise given to this land by our Constitution for our current and future generations and therefore let's strengthen it embracing innovation and partnerships for its success.

**God Bless Kenya, God bless our Counties.**

**Thank you.**

# GOVERNOR

## COUNTY GOVERNMENT OF MOMBASA



On behalf of the County Government of Mombasa and the people of this vibrant city, it gives me great pleasure to welcome you all to the Kenya Water and Sanitation International Conference and Exhibition 2025.

We are deeply honored to host this landmark gathering of distinguished delegates, experts, policymakers, innovators, development partners, and private sector leaders. This conference comes at a pivotal time, as we collectively face the urgent challenge of ensuring universal access to clean water and safe sanitation — a cornerstone of public health, human dignity, economic prosperity, and climate resilience.

**H.E. Hon. Abdullswamad Sherrif Nassir**

Mombasa is a city defined by its rich history, cultural diversity, and economic dynamism. Yet like many coastal cities around the world, we are on the frontlines of climate change, grappling with water scarcity, rising sea levels, and the need to safeguard our natural resources for future generations. As hosts, we are eager to showcase the progress we have made through partnerships, innovation, and the dedication of our institutions — but we are also here to learn from you, exchange ideas, and strengthen the collective resolve to achieve climate-smart, efficient, and sustainable water and sanitation solutions.

I am particularly encouraged by the conference's focus on innovative financing, technology, and investment pathways. It is only through new models of collaboration, public-private partnerships, and bold leadership that we can unlock the full potential of this critical sector and ensure no one is left behind.

To all our guests, welcome to Mombasa! I encourage you to explore the beauty, warmth, and hospitality of our city. May this conference be a time of meaningful dialogue, shared learning, and renewed commitment to the cause that brings us together.

**Thank you, and karibuni sana!**

# WATER SECRETARY

## STATE DEPARTMENT FOR WATER AND SANITATION



ENG. SAO ALIM, EBS

**Distinguished guests, Ladies and gentlemen,**

It is a profound honour to join you at this pivotal gathering — a space not only for dialogue but for action. Today, as we open the Kenya Water and Sanitation International Conference and Exhibition 2025, we stand united across sectors and levels of governance with one shared mission: to translate policies into practice, and plans into tangible outcomes for every Kenyan.

This forum brings together a powerful mosaic of actors, the National Government, County Governments, Regulators, Utilities, NGOs, Academia, and the Private Sector. Each of you plays a vital role in shaping the future of Water and Sanitation services in Kenya. And in an era of accelerating climate risk, siloed action is no longer tenable. We must work together, across institutions and mandates, to build systems that are resilient, inclusive and responsive.

The realities on the ground demand our immediate attention. Over 18 million Kenyans still lack access to safe water. Roughly 29 million do not have access to safely managed sanitation. The national average for Non-Revenue Water remains unacceptably high at 43%, with some Utilities reporting figures above 60%. These numbers are not just data points, they reflect lost resources, lost revenue, and

lost trust.

Ladies and Gentlemen, Climate Change is compounding these challenges. Floods are destroying infrastructure. Drought is stretching resources. Urban populations are growing rapidly, overwhelming Sanitation Systems. These are not abstract risks, they are happening now, and they disproportionately affect our most vulnerable communities. That is why climate resilience must be at the core of everything we do.

There are real, tangible opportunities in front of us. Emerging technologies are redefining how we can manage our water and sanitation services. Low-cost filtration units, automated leak detection systems, smart meters, and mobile sanitation platforms can enhance operational efficiency, reduce water loss, and improve equity.

Utilities that digitize operations can monitor consumption in real time, detect illegal connections, and optimize revenue collection. In sanitation, real-time data can support waste tracking, automate desludging operations, and ensure proper treatment. These tools are not futuristic; they are already being piloted in parts of Kenya, and the outcomes are promising.

Allow me to recognize and celebrate Counties that are already embracing transformative approaches. Nakuru, Kisumu, and Malindi have taken bold steps in implementing the Citywide Inclusive Sanitation (CWIS) approach. This model moves us beyond fragmented, infrastructure - heavy investments toward holistic planning that prioritizes equity, service quality, and resilience. Their example sets a national benchmark.

As part of this conference, we also celebrate innovation. The Innovation Awards that will be presented during this week are not just ceremonial; they are a critical recognition of the creativity and commitment that exists across our Sector. These are the ideas that will push us forward. I urge innovators to continue documenting, scaling, and sharing their solutions. Let them be informed by evidence, grounded in community needs, and designed with sustainability in mind.

We reaffirm our commitment to enabling the success of these innovations and investments. We are strengthening our policy frameworks to be more responsive and adaptive. We are supporting platforms for sector-wide knowledge exchange. And we are aligning with our partners to mobilize financing through blended finance models, climate adaptation funds, and Public Private Partnerships that are both bankable and socially responsible. Our role as Government is to clear the path — to provide the Policies, the Regulations, and the platforms that allow actors to act with confidence, clarity, and coordination.

I invite all stakeholders present to engage actively throughout this week. Let this not be a passive event. Ask difficult questions. Share your challenges and breakthroughs. Forge connections that will yield partnerships beyond this week. Above all, let us challenge ourselves to return to our Counties, Utilities, and Organizations with renewed energy and actionable ideas.

Thank you, and I wish you all a fruitful and impactful conference.

**God bless You.**

# CHAIRMAN

## WATER AND SANITATION PROVIDERS ASSOCIATION AND MANAGING DIRECTOR KISUMU WATER AND SANITATION COMPANY



THOMAS ODONGO

Distinguished Guests, Ladies and Gentlemen,

Good morning,

It is both an honour and a privilege to address you today on behalf of the Water and Sanitation Providers Association (WASPA), during this landmark Kenya Water and Sanitation International Conference and Exhibition 2025.

Let me begin by sincerely thanking the Government of Kenya, the Ministry of Water, Sanitation and Irrigation, and all our partners for convening this important conference under the timely and forward-looking theme: "Innovation and Technology for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions."

As water and sanitation service providers, we stand on the frontlines—bridging policy and practice, investment and impact, innovation and everyday service delivery. We serve households, businesses, institutions, and communities. We manage risks, respond to emergencies, and work to ensure that every Kenyan has access to clean water and safe sanitation.

We do this under growing pressure of: Our population which is growing faster than our infrastructure; Climate change is disrupting supply chains, rainfall patterns, and water safety; Informal settlements and underserved rural areas still face challenges of access, equity, and quality; and our financial and human resources often fall short of the scale of need.

Ladies and Gentlemen,

But we are not here to dwell on challenges. We are here to shape solutions—climate-smart, innovative, and sustainable solutions. And I firmly believe that the answer lies in collaborative innovation driven by technology and grounded in service to people.

As WASPA, we are already embracing this future. Across our member utilities:

- Smart metering and digital billing systems are improving transparency and efficiency. A case of Malindi Water;
- Non-revenue water reduction programs are using sensors and AI to detect leaks and losses.
- Alternative sanitation technologies are being piloted in low-income areas. Resource recovery from faecal sludge (Nakuru Water and Sanitation Company)
- Solar-powered pumping stations are reducing our carbon footprint.(Kikuyu Water and Sanitation Company)
- And through capacity-building programs, we are skilling up our workforce for the future; (embraced by most water utilities in the country with a keen focus on in-house trainings which makes the training very targeted at the same time cost effective.

But we need more: We need:-

- Structured support to scale these innovations across the country.
- Policies and incentives that reward climate-smart practices.
- Concessional financing and credit guarantee for utilities investing in green infrastructure.
- And stronger partnerships—between utilities, counties, the private sector, academia, and development partners.

Ladies and Gentlemen,

Technology must not widen the gap between the served and the underserved—it must bridge it. As we innovate, we must ensure that solutions are affordable, inclusive, and resilient.

Let us also emphasize the role of data and evidence. We cannot manage what we do not measure. We call for robust digital platforms for performance monitoring, early warning, and real-time customer feedback.

Simultaneously, innovation is not only about machines and algorithms. It is also about institutional reform, customer engagement, staff motivation, and governance. Let us be bold in rethinking how we manage, regulate, and deliver water and sanitation services in the 21st century.

As WASPA, we are committed to leading this transformation. We will continue to champion professional excellence, share best practices, and support utilities to innovate sustainably. We also stand ready to work with the government and partners to develop a new Climate-Smart Water Utility Framework—to guide utilities toward low-emission, high-resilience service models.

To our young innovators: we need your ideas. To the private sector: we need your solutions. To the counties: we need your partnerships. And to our national leaders: we need your unwavering support.

Ladies and Gentlemen,

Let this conference not be just another gathering. Let it be the turning point where we stop reacting and start preparing—where we embed climate resilience and innovation at the core of our sector.

Let us be driven not just by numbers and targets, but by the real stories of the children who walk long distances for water, the mothers who carry buckets daily, the schools without toilets, and the farmers struggling to irrigate their crops.

Let us work together to build a future where clean water flows reliably to every tap, and dignified sanitation is a reality for all.

With those remarks, I wish you fruitful deliberations and successful exhibitions. Let's leave Mombasa with a renewed commitment to serve better, innovate boldly, and act urgently.

Thank you, and may God bless you all.  
Asanteni sana.



# CHIEF EXECUTIVE OFFICER

## WATER AND SANITATION PROVIDERS ASSOCIATION (WASPA)



**ANTHONY NJARAMBA**

**Distinguished Guests, Ladies and Gentlemen,**

**Good Afternoon,**

It gives me great honour to address you today at this landmark edition of the Kenya Water and Sanitation International Conference and Exhibition 2025, a gathering that has, over the years, evolved into the premier convening platform for sector dialogue, innovation showcasing, and stakeholder collaboration in our country's water and sanitation space.

Ladies and gentlemen, since the inaugural conference, this forum has not just been about speeches and stalls. It has been about solutions. In 2018, the focus was on universal water access, and from those deliberations, we witnessed county governments and Water Service Providers (WSPs) adopting integrated water service models.

In 2021, amid the global pandemic, this conference emphasized WASH resilience, directly influencing emergency response policies and accelerating handwashing infrastructure in over 200 rural and peri-urban centres. The 2023 conference brought to the fore the digital future of water services.

Out of that session: 14 utilities piloted smart metering systems, including Murang'a Water, Nakuru Rural Water, and Eldoret Water and Sanitation. We saw growing investment in solar-powered boreholes and energy audits, making water supply more sustainable, particularly in arid counties like Turkana, Garissa, and Marsabit.

These outcomes, among many others, demonstrate that this conference is not a talk shop it is an action hub. As we stand here in 2025, the urgency of our mission is greater than ever. Climate change, population growth, urbanization, and ecosystem stress continue to shape the water and sanitation narrative in Kenya.

The future of this conference and of our sector must embrace three transformational pathways:

Firstly, Scale Up Climate-Smart Innovation by taking lessons from exhibitors here today smart leak detection systems, Automated water billing platforms, and water quality sensors and support their mass adoption by utilities across the country. WSPs must evolve from infrastructure managers to climate adaptation agents, building green infrastructure, recycling wastewater, and promoting demand-side efficiency. Our conferences have reaffirmed a critical truth: success in the water and sanitation sector is local. The challenges and solutions faced by utilities vary from region to region, and the most impactful innovations often emerge at the county level. Peer learning between high-performing WSPs like Kisumu Water, Nyeri Water, and Nanyuki Water must be institutionalized. County governments must be empowered and incentivized to create enabling environments for their utilities, including supportive policies, governance frameworks, and investment partnerships. Through strategic county-utility collaboration and peer learning platforms, the sector can foster a culture of continuous improvement, encourage innovation adoption, and accelerate progress toward achieving national and global water and sanitation goals.

Finally, Attract Financing and Partnerships. The days of relying solely on grants are behind us. Let us use this forum to de-risk local innovations, attract climate financing, and build PPPs particularly in sanitation, which still lags behind. The WASPA Finance Marketplace, an idea born out of the 2023 conference, will be piloted next year to connect our members with green investors and lenders.

WASPA is proud to have supported every edition of this conference, and recommit to making it even more impactful. The partnerships built, the knowledge shared, and the innovations scaled will determine the pace at which Kenya and the region achieves SDG 6 and climate resilience in water and sanitation.

Let us make this year not just a milestone, but a turning point.

**I thank you all.**  
**Asanteni sana.**

# COUNTY EXECUTIVE COMMITTEE MEMBER

**WATER, NATURAL RESOURCES AND CLIMATE CHANGE RESILIENCE  
COUNTY GOVERNMENT OF MOMBASA**



**Hon. Emmily Achieng Okello**

As the County Executive Committee Member for Water, Natural Resources and Climate Change Resilience, it is a great honor and privilege to welcome you all **to the Kenya Water and Sanitation International Conference & Exhibition 2025.**

**This year's theme, "Innovation & Technology for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions,"** could not be more timely or relevant. As we collectively confront the escalating challenges of climate change, water scarcity, sanitation vulnerabilities, and rapid urbanization, innovation and technology must be at the center of how we plan, build and manage resilient water and sanitation systems.

Mombasa County, as a coastal city uniquely exposed to the impacts of climate change, continues to prioritize climate-smart infrastructure, inclusive service delivery, and strong governance. Hosting this conference is a reflection of our commitment to working with national and global partners to accelerate progress in the water and sanitation sector, while embracing emerging technologies and evidence-based policy.

We are proud to host this important gathering of sector leaders, professionals, innovators and development partners, united by a shared vision of achieving sustainable water and sanitation systems across Kenya and beyond.

We welcome you to engage, collaborate, and be inspired during your time here—and to also take in the rich culture, hospitality and natural beauty that Mombasa has to offer.

Karibuni Mombasa, and I wish you a successful and impactful conference.

