



AFRICAN WATER ASSOCIATION



18th International Congress & Exhibition of the African Water Association

From February 22 to 26, 2016 in Nairobi

CALL FOR PAPERS

Congress Overview

Held every other year, the International Congress of the African Water Association (AfWA) is a scientific and technical forum aimed at taking stock of the development of the water, sanitation and environmental sector in Africa.

During the last three congresses held in 2010, 2012 and 2014 in Kampala, Marrakech and Abidjan respectively,

a record number of delegates (1,600, 900 and 2,000) from Africa and around the world was reported. The participants that attend the various AfWA congresses are mostly company managers, policy makers, donors, academics, researchers, professionals, international cooperation agencies, students and non-governmental organizations.

The 18th Congress to be held in Nairobi, Kenya, from February 22 to 26, 2016 will focus on the theme:

“SUSTAINABLE ACCESS TO WATER AND SANITATION IN AFRICA.”

More than a thousand participants are expected at this important gathering in a country known for its economic performance and tourist attractions,

The conference format includes technical sessions, workshops, side events, «B-to-B» «one-to-one» meetings and an international exhibition.

The Message of AfWA President



Prof. Hamanth Kasan
Ag. PRESIDENT OF AfWA

Today, the African Water Association (AfWA) stands as one of the lead organizations in the areas of water and sanitation on the continent. It has acquired, from year to year, a reputation that is constantly growing. This position requires us to be constantly alert and able to respond to the concerns of our citizens on a continent where challenges relating to water issues abound. We are at the time of stocktaking on the Millennium Development Goals (MDGs), and it is clear that for many African countries, the objectives have not been achieved. This unfortunate fact challenges the water sector and its partners, and demands for innovation, more commitment and solidarity from key players while showing the way forward if we are to meet the challenges ahead.

The AfWA congresses have now become international major summits since the success and impact of the 2010 Congress held in Kampala that set the standard and pace of these two year event. This dynamic has been confirmed with the success and enthusiasm elicited by our last congresses held in Marakesh, Morocco and the most recent congress held from February 17 to 20, 2014 in Abidjan. I have no doubt that the 2016 meeting in Nairobi will be in the same vein and will continue to raise the level of our gatherings.

I therefore hereby invite the water, sanitation and environmental sector development community to join us in Nairobi, Kenya so that together we may take stock of the current challenges and come up with new innovative ways improving sustainable access to water and sanitation in Africa that will feed into the sustainable development goals.

The Message of the Congress Chairman



Eng. Philip GICHUKI
MANAGING DIRECTOR
Nairobi City Water and
Sewerage Company Ltd
(NCWSC Ltd)

In July 2014, during the AfWA Scientific and Technical Council held in Kampala, Uganda, Nairobi County was chosen to host the 18th Congress of AfWA in 2016 in Nairobi, Kenya.

The 18th Congress and Exhibition is a forum that aims to create opportunities for best practice sharing, applied research and policies to meet water and sanitation challenges in Africa. It will also serve as a platform for interaction between the main operational players in

the water sector on the African continent, policy makers and donors to consider ways to address the challenges of the water and sanitation sector in Africa.

The Congress will be held from February 22 to 26, 2016 at the Kenyatta International Convention Centre (KICC), Nairobi, Kenya.

I am inviting you, and your company, to take part in this great gathering, which is a showcase of the developments for the entire continent in terms of water and sanitation. This is a great opportunity to meet and exchange best practices among professionals in the sector, which will benefit all of us

On behalf of Nairobi City Water and Sewerage Company Ltd, I am inviting you to the next Congress for which your active participation will be much appreciated and which will give you the opportunity to visit our wildlife that makes Kenya's reputation.

The Message of the Scientific and Technical Council President



Olivier Gosso
PRESIDENT OF THE STC African Water Association (AfWA)

Halving the proportion of people without access to safe drinking water or to basic sanitation services is target 7C of the Millennium Development Goals (MDGs) adopted in 2000 in New York by 193 UN Member States and at least 23 international organizations. They agreed to achieve this target by 2015. Today, it is clear that Africa is struggling to achieve this goal. Of course, Africa has changed and is inspiring confidence. It is undeniable that it is a major challenge to globalization and that we can no longer look at it through a distorted and negative lens. However, this improvement is greatly reduced by many challenges the continent is still facing, including the challenges involved in the access to safe drinking water and basic sanitation services for all. The current approach, therefore, would be to find and implement actions likely to accelerate access to water and basic sanitation services on the continent. To this end, it is necessary to innovate and especially look for sustainable solutions. Hence the theme of our congress, which is related to the current situation, «Sustainable Access to Water and Sanitation in Africa.»

Resources do exist and can help us achieve this goal. These are namely partnerships as a means of building capacities, adoption of governance practices to reassure donors and help mobilize funds, the promotion of smart solutions that can positively impact operating costs, the control of facilities and their management, and the implementation of appropriate and adequate responses to the needs of the utilities. It is also important to identify everything concerning innovative financing in order to upgrade the infrastructure and build the capacities

But to meet these challenges, we must dare and try. I am inviting you to do this exercise during our 18th congress to be held in Nairobi, Kenya. That congress will bring together the entire water and sanitation community from Africa and the world, with researchers, academics, managers of water utilities, policymakers, young professionals in the water sector, and donors. You are all invited to submit paper proposals in accordance with our theme and the various sub-themes, as defined below.

Call for Papers

We are inviting the scientific community, the water and sanitation sector professionals and all the players involved in the fight for access for all to water and sanitation to submit a paper to be presented at the 18th Congress of the African Water Association (AfWA) in Nairobi.

Papers must, through their relevance and interest, address issues related to the overall theme and sub-themes of the congress.

A selection committee will review the papers received on the basis of a reading grid determining the clarity, relevance and originality of the proposed approaches.

Interested candidates should send an abstract of approximately 1,000 words of their paper along with their name, employment status, address and the title of their paper.

Deadline for Sending the Abstracts

Paper abstracts should be sent **no later than** May 15, 2015 simultaneously to the following email addresses:

susher@afwa-hq.org, kofana@afwa-hq.org

Deadline for Sending the Completed Papers

Authors whose abstracts have been accepted will be notified to submit their completed papers **no later than** October 30, 2015.

The official languages to be used for the papers are English and French. The papers will be published in the conference proceedings and on the website of AfWA.

The Theme and Sub-themes of the 18th Congress 2016

The General theme of the 18th congress is «**SUSTAINABLE ACCESS TO WATER AND SANITATION IN AFRICA**».

With this choice, AfWA intends to contribute to the development of water and sanitation services in Africa. This is an opportunity to present the operational expertise of water and sanitation sector professionals and players for the improvement of utility companies' performance for a better consideration of the users' concerns.

Sub-themes	Suggested topics
Innovations for Improving Access to the Continuing Water Service	<ul style="list-style-type: none"> ⇒ Watersheds and Water Access Management ⇒ Water and Energy ⇒ Innovations for the Asset Management ⇒ Solutions for Sustainable Access to Water for Underprivileged People ⇒ Adaptation to Climate Change ⇒ Solutions for the Water Service in Mega-Cities
Governance and Performance Improvement Tools	<ul style="list-style-type: none"> ⇒ Institutional Development and Capacity Building for Water and Sanitation ⇒ Partnerships between Water and Sanitation Operators ⇒ Gender and Sustainable Water and Sanitation Management ⇒ Benchmarking for the Improvement of the Water and Sanitation Sector's Performance ⇒ Policies and Stakeholder Commitment to Improving the Sector's Performance ⇒ Performance-Based Contracts for Improved Access to Water and Sanitation ⇒ Communication and Marketing Tools to Improve the Service Performance
Smart and Innovative Solutions	<ul style="list-style-type: none"> ⇒ Smart Metrology Systems ⇒ Innovative and Sustainable Payment Solutions ⇒ Smart Leak Detection Solutions (LDS/SDF) ⇒ Incident Management Systems ⇒ Simple and Economical Solutions for Water Demand Management ⇒ Remote controlled Geographic Information Systems and hydraulic modeling ⇒ Innovations in Production, Treatment Control Processes ⇒ Research and Innovations for Sustainable Access to Water
Sanitation and Environment	<ul style="list-style-type: none"> ⇒ Policies and Institutional Frameworks for Sustainable Sanitation in Africa ⇒ Sludge Efficient and Sustainable Management ⇒ Decentralized Wastewater Management Systems ⇒ Recycling for the Recovery of Energy and Nutrients ⇒ Appropriate Technologies for Private Sewage Disposal ⇒ Social Marketing for Sustainable Sanitation in Africa
Innovative Financing Mechanisms	<ul style="list-style-type: none"> ⇒ State Mechanisms for the Sustainable Financing of Water and Sanitation Infrastructures ⇒ Public-Private Partnerships for Financing Water and Sanitation Infrastructures ⇒ Pricing and Recovery for the Sustainability of the Sector ⇒ Sustainable Financing of Rural Water ⇒ Sustainable Financing for Access to Water in Underprivileged Urban Areas ⇒ Market-Based Financing Mechanism for Sustainable Access to Water and Sanitation

Program Committee of the 18th Congress

- **M Gosso François Olivier, président (Côte d'Ivoire)**
- **Dr Rose KAGGWA, (Uganda),**
- **M. Jean-Michel Klican (Benin),**
- **M. KERE D. Francis (Burkina Faso)**
- **M. Papa SAMBA DIOP (Senegal)**
- **M. Jonas Kakariba Jabulo (Ghana),**
- **M. MBARUKU Vyakweli (Kenya)**
- **Mme Aminata Fall Mbaye (Senegal),**
- **M. Mahmood Lutaaya (Uganda).**
- **Ms. Lenah Ngungu (Kenya)**
- **Eng. Stephen Mbugua (Kenya)**