



21st African Water Association International Congress and Exhibition
and
7th International Faecal Sludge Management Conference

Call for Papers



ABIDJAN 2023

19-23 February 2023

Sofitel Hotel Ivoire

Abidjan, Côte d'Ivoire

Theme:

**Acting for sustainable resource management
and access to water and sanitation for all**

A message from the AfWA President

For the call for papers related to the 21st AfWA International Congress and Exhibition to be held in Abidjan from 19 to 23 February 2023 under the theme:

"Acting for sustainable management of resources and access to water and sanitation for all"

The African Water Association (AfWA) is a key capacity building platform in the water and sanitation sector on the African continent. For 43 years, it has led a fierce fight for the acquisition, improvement and sharing of knowledge in water production and distribution, as well as sanitation management in the Region. It remains very attentive to the changes underway and tries to provide answers to the major challenges facing the continent in the sector.

The 21st AfWA's International Congress and Exhibition, which will be held in Abidjan from 19 to 23 February 2023 under the theme: **"Acting for sustainable management of resources and access to water and sanitation for all"**, is another opportunity to bring together the world's leading experts, engineers, technicians, researchers and stakeholders, to provide solutions to the concerns of our fellow citizens, in a world where the challenges related to water and sanitation are numerous.

This significant continental event also marks the occasion for AfWA to announce its name change to the **African Water and Sanitation Association (AfWASA)**, to better align with the organization's objectives. AfWA has undertaken several notable activities to improve sanitation services throughout the continent, which had been lacking for too long, and were not clearly represented in our name.

Over the years, the AfWA congresses have gained a reach far beyond the continent, and are currently major worldwide events, attracting more and more professionals from the sector, eager to advance the agenda of the Sustainable Development Goals, including Goal 6, on sustainable access to water and sanitation for all, ahead of the deadline set by the international community.

I therefore invite all professionals, development partners, policy makers, students, and all those who have a direct or indirect interest in the theme of water & sanitation in Africa, to participate in this important pan-African forum, so that together, as a union of strength, we can help accelerate people's access to drinking water and adequate sanitation services.

Dr. Eng. Silver MUGISHA
President of AfWA



A message from the Director General of SODECI

Dear participants,

The Société de Distribution d'Eau de la Côte d'Ivoire (SODECI) and its institutional partners, the Ministry of Hydraulics, Sanitation and Hygiene (MINHASS), the Office National de l'Eau Potable (ONEP) and the Office National de l'Assainissement et du Drainage (ONAD), are pleased to organize the 21st Congress and Exhibition of the African Water Association (AfWA), and to welcome the entire international community of the water and sanitation sector, from 19 to 23 February 2023, in Abidjan, the pearl of the lagoons and the economic capital of Côte d'Ivoire.

This congress, the first of its kind, will be organized in collaboration with the Faecal Sludge Management Alliance (FSMA), which will also organize its 7th International FSM Conference.

As the world gradually recovers from the COVID 19 pandemic, a pandemic that has highlighted, once again, the importance of water for humanity, some people might wonder about the timeliness of such an event.

Faced with the paradox of the African continent, richly endowed with water while a large number of Africans are deprived of it, there is a challenge to be taken up; that of bringing together the international community and particularly African experts in the water and sanitation sector to provide solutions to the burning issue of access to water and adequate sanitation services for Africa.

A special UNICEF/WHO report focusing on Africa at the 9th World Water Forum in Dakar, Senegal, called for urgent action on a continent where water scarcity and poor sanitation and hygiene services can threaten peace and development.

In order to respond to the alert launched by this report, this important event has chosen as its theme: "**Acting for sustainable resource management and access to water and sanitation for all**".

In order to have open and truly participatory exchanges, we invite you to Abidjan, in February 2023, to take part in the 21st African Water Association Congress and the 7th Faecal Sludge Management Conference, to take up the immense challenges of our continent in the fields of water and sanitation.

Mr. Ahmadou BAKAYOKO

Director General of SODECI



A message from the Executive Director of the FSM Alliance

Sanitation has long been overlooked across the globe – creating environmental pollution and negative health impacts. As we approach 2030, the deadline for the SDGs, The FSM Alliance believes that the best way to achieve universal access is to ensure that sanitation is seen as a public service - the same way that many of us receive other public services like transportation or drinking water.

We are proud to partner with the African Water Association to co-host the 21st AfWA Congress and Exhibition and the 7th International Faecal Sludge Management Conference in Abidjan, Cote d'Ivoire to bring together water and sanitation in this joint event, including faecal sludge management. In this program, we will bring together the latest examples from African utilities, research and advancements to best represent this year's theme of: **"Acting for sustainable management of resources and access to water and sanitation for all"**.

Since the very first FSM meeting held in Durban, South Africa in 2012, the FSM Conference has been a place to showcase the latest knowledge, innovations, and best practice in faecal sludge management (FSM) and non-sewered sanitation. We are extremely excited to reunite after the global pandemic in Abidjan, Cote d'Ivoire and hope to see you there!

The FSM Alliance is a member-based network created to support organisations and individuals working in FSM. We are a collaborative, responsive, and collective platform that advocates for the adoption and implementation of FSM to support inclusive sanitation planning as a public service. We are also the host of the world's only conference dedicated to FSM and non-sewered sanitation.

Ms. Jennifer WILLIAMS

Executive Director of the FSM Alliance



An Invitation from the President of the Science and Technical Committee (STC)

"Human capital is the key to the development of the least developed countries" - Mrs. Irina BOKOVA, former Director General of UNESCO (2009 -2017). This assertion finds all its relevance in the ambition displayed by the African Water Association (AfWA).

Indeed, capacity building in the water and sanitation sector has been supported by this statement for several decades, as evidenced by the many programs and projects carried out with the support of several technical and financial partners.

It is no longer just a matter of building the capacities of member companies to help increase their performance, but also of getting governments, populations and other stakeholders to work towards effective universal access for the entire continent.

We are aware of the many challenges, such as the impacts of climate change that persist with many repercussions that the Scientific and Technical Council (STC) has acquired a much-appreciated expertise to provide answers to the many problems.

Our reunion in Abidjan, which will host the 21st Congress in February 2023, will undoubtedly allow us to complete important reforms within the CST, with the sole aim of being more effective in addressing the specificities of African countries and member companies.

In this dynamic, the Executive Management is a real linchpin working tirelessly according to the recommendations of the Steering Committee.

Finally, to ensure a collective success to our next congress, we invite you all to make your proposals of communication relating to the chosen theme and the various sub-themes proposed in order to guarantee a good scientific content to the event.

Dr PAPA SAMBA DIOP

President of the Science and Technical Committee (STC)



Call for Papers

Every two years, the African Water Association organizes an international congress, which brings together all of its members, international organizations, experts, political decision-makers, and development partners in order to take stock of the latest developments of the water, sanitation and environment sector in Africa.

The African Water Association Congress is a scientific and technical forum coupled with a major international exhibition, which includes technical sessions, workshops, parallel events, "B-to-B" meetings, and "one-to-one". Over the past 10 years, the event has recorded a record number of participants: 1,600 delegates in 2010 in Kampala, 900 in 2012 in Marrakech, 2,000 in 2014 in Abidjan, 1,500 in 2016 in Nairobi, 1,200 in 2018 in Bamako and 2500 in 2020 in Kampala.

The 21st Congress will be held from February 19 to 23, 2023 in Abidjan, in the Republic of Côte d'Ivoire on the theme: "**Acting for the sustainable management of resources and access to water and sanitation for all**". Unlike previous editions, the Abidjan 2023 congress will be organized one year behind AfWA's normal congress calendar and this is due to the effect of the Covid 19 pandemic on the implementation of activities in global scale, and therefore the water and sanitation sector has suffered.

More than 2,000 participants are expected from all continents, and more than 100 exhibitors on the technologies and management approaches of the sector. This is all the more possible as the AfWA congress will be organized jointly with the 7th International Faecal Sludge Management Conference (FSM7). The FSM Conference is held biennially and alternates between Africa and Asia. The previous edition, FSM6, was held virtually due to the global pandemic.

The first day of the event will feature the opening ceremony and symposium, with the scientific and technical program starting on the second day.

We invite the scientific community, professionals in the sector, as well as all actors involved in action for sustainable resource management and access for all to water and sanitation to submit proposals for papers for the 21st African Water Association International Congress and Exhibition & the 7th International Faecal Sludge Management Conference (FSM7).

This call for papers is addressed to:

- Communications intended solely for the 21st Congress and which will be published in the proceedings of the Congress and the Conference
- Papers which may be published in a scientific journal after approval by an empowered scientific committee.

A Scientific and Technical Committee, composed of renowned researchers and experts in their respective fields, has been set up for this purpose. This committee will review all abstracts and papers submitted to it.

Abstracts of proposed papers must be submitted to the Scientific and Technical Committee **by September 30, 2022**, the date of submission via the link indicated below.

The abstract should not exceed 1,000 words describing the objectives, results, conclusions and interest of the subject of the paper. The abstract should be submitted through this site: <https://acs.fsm-alliance.org/>

PowerPoint presentations of the selected papers must be received by the Scientific & Technical Committee between October 30 and December 15, 2022.

The complete papers, which should not exceed 3,000 words, will be published in the final report of the congress and convention.

When submitting the abstract of the paper, you should indicate if the paper is :

- **Intended simply for presentation during the event**
- **To be evaluated by a jury for publication in a scientific journal**

The official languages of the papers are English or French.

Paper proposals should specify the topic(s) to which they relate (see list of topic numbers on the next page).

For any questions, please email: abstracts_afwa@fsm-alliance.org.

Sub-themes

Topics

1 Water Resources Management and Climate Change

- 1.1 Source Protection and Watershed Management
- 1.2 Flood and Drought Modelling and Forecasting
- 1.3 Community Participation in Resilience and Adaptation
- 1.4 Energy and carbon efficiency
- 1.5 Water and Energy
- 1.6 Integrated Water Resources Management
- 1.7 Water Reuse and Resource Recovery
- 1.8 Water security and water safety

2 Universal access water

- 2.1 Extension of water service and service for the poor
- 2.2 Rural hydraulics
- 2.3 Unbilled water
- 2.4 Intermittent water supply
- 2.5 Optimization of water treatment processes
- 2.6 Drinking Water Quality Safety Plan and Management
- 2.7 Approaches to Effective Performance Management
- 2.8 Self-contained sanitation and faecal sludge management

3 Access to sanitation services for all

- 3.1 Off-grid toilets and distributed sanitation technologies
- 3.2 Wastewater and Faecal Sludge Treatment Systems
- 3.3 Social Marketing for Sanitation
- 3.4 Inclusive and safe sanitation
- 3.5 Integrated Waste Management: Recycling and circular economy

4 Governance and Performance of the Water and Sanitation Sectors

- 4.1 Policies and institutional reforms in the water and sanitation sector
- 4.2 Public-Private Partnerships and Stakeholder Engagement
- 4.3 Water and Sanitation Operators Partnership
- 4.4 Communication, knowledge sharing and social marketing tools
- 4.5 Smart and innovative solutions in the water and sanitation sector
- 4.6 Customer Relations and Social Engagement
- 4.7 Human Resources Evaluation and Development
- 4.8 Performance Improvement Tools
- 4.9 Applied Research in Water and Sanitation Management
- 4.10 Remediation Infrastructure and Service Cost Recovery
- 4.11 Cooperation for sustainable access to water and sanitation services

5 Financing and investment mechanisms

- 5.1 Public-private partnerships for financing the water and sanitation sector
- 5.2 Market-based financing mechanism
- 5.3 Sustainable financing of rural water
- 5.4 Green economy in the field of Water and Sanitation
- 5.5 Pricing and recovery for the sustainability of the water and sanitation sector

Important dates to remember

30/09/2022

Deadline for submission of abstracts by authors

30/10/2022

Notification of acceptance to authors of their abstracts. For accepted papers, authors will also be notified of any changes required by the reviewers.

30/10/2022—15/12/2022

Deadline for authors to submit a PowerPoint presentation of their paper (as corrected by the reviewers)

31/12/2022

Author Registrations

Program Committee

Papa Samba Diop

Sophie Diop

Olivier Gosso

Rose Kagwa

Comfort Kanshio

Siméon Kenfack

Aimé Loukou

Yvonne Magawa

Mbaye Mbéguéré

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