



13TH ZAMBIA WATER FORUM AND EXHIBITION

CALL FOR PAPERS

Date: 10th – 12th June, 2025

Venue: The Mulungushi International Conference Centre, Lusaka-Zambia

Theme: **Integrating Solutions for Sustainable Development: Exploring the Water-Energy-Food & Ecological Nexus**

Submission Deadline: April, 30th 2025

The 13th Zambia Water Forum and Exhibition aims to raise awareness on the inseparable linkages between Water- Energy- Food & Ecological Nexus. The theme "*Integrating Solutions for Sustainable Development: Exploring the Water-Energy-Food & Ecological Nexus*" underscores the critical interdependencies between water, energy, food production and ecological systems, which are increasingly recognized as essential for sustainable development. The **13thZAWAFE** invites individuals, institutions and companies in the Water, Sanitation, Health, Energy, Agriculture, Environmental and related sectors to present papers, hold panel discussions and showcase your skills and knowledge not only to the Zambian populace but also a wider audience comprised of delegates from all over the world.

As the global population continues to rise and the impacts of climate change become more pronounced, with only **Five (5) years** remaining towards the attainment of the **Sustainable Development Goals (SDGs) targets**, the pressures on these interconnected resources have intensified, necessitating a holistic approach to resource management and a need to accelerate all efforts being made in the attainment of the SDGs. Therefore, the **13th ZAWAFE** aims to bring together a diverse range of experts to discuss and explore all efforts, opportunities, challenges and innovative solutions being made towards the attainment of the SDGs, with a great focus on the interconnectedness of Water, Energy, Food & Ecological systems and the attainment of the **Sustainable Development Goal (SDG) 6: Clean Water and Sanitation for All by 2030**.

Forum Theme:

Integrating Solutions for Sustainable Development: Exploring the Water-Energy-Food & Ecological Nexus

The sub- themes below have been identified and tailored to respond to the main theme. Within these sub-themes are proposed key focus areas as outlined below to meet the interests of various institutions.

Sub-Themes and Topical Issues:

1. Sustainable Water Management in the WEFE Nexus

- Water Quality Management
- Water Availability and Access
- Water Conservation & Recycling
- Water use Efficiency across Sectors
- Integrated Water- Resource Management (IWRM)
- Water Storage and Infrastructure Development
- Public Awareness and Education on Water Sustainability

2. Sanitation Provision in the WEFE Nexus

- Water Management and Sanitation (Water and Sanitation interdependence)
- Policy and Governance for Integrated Sanitation Systems
- Health and Community Participation in Sanitation Systems
- Impact of Water Scarcity on Sanitation Infrastructure
- WASH for CDF, Sanitation and Hygiene promotion
- Social Equity and Access to Sanitation
- Water Conservation in Sanitation Systems
- Water Treatment and Reuse in Sanitation Systems
- Sanitation provision in view of the Ngor Commitments

3. Renewable Energy Systems and the Nexus

- Renewable Energy Solutions for Sustainable Agriculture and Water Management
- Energy-Efficient Water Infrastructure
- Synergies Between Water and Energy Production
- Decentralized Energy Solutions for Rural Communities
- Environmental Impact and Ecosystem Protection
- Policy and Governance for Renewable Energy in the Nexus

4. Food Systems and Agricultural Practices in the WEFE Nexus

- Sustainable Agriculture and Climate Change Adaptation
- Water-Efficient Agricultural Practices
- Food Security and Resource Efficiency
- Biodiversity and Ecosystem Services
- Energy Use and Efficiency in Agriculture
- Policy and Governance for Integrated Agricultural Systems

5. Ecological Sustainability and Conservation in the WEFE Nexus

- Water Conservation and Ecosystem Protection
- Nature-Based Solutions (Nbs) for the Nexus
- Ecosystem-Based Adaptation (EbA) and Environmental Protection
- Biodiversity and the Nexus
- Climate Change and Ecological Resilience
- Sustainable Agriculture and Ecological Conservation
- Ecological Education and Public Awareness
- Ecosystem Restoration and Conservation Governance

6. Water Resources Management within the WEFE Nexus

- Integrated Water Resources Management (IWRM)
- Water Use Efficiency and Conservation
- Climate Change and Water Resources Management
- Water-Ecosystem Nexus
- Water-Energy Nexus
- Water-Food Nexus
- Policy and Governance for Integrated Resource Management

7. Innovation and Technology in the WEFE Nexus

- Smart Water Management Technologies
- Smart Agriculture Technologies for Efficient Resource Use
- Renewable Energy Technologies for Nexus Integration
- Circular Economy and Resource Efficiency
- Policy Innovation and Governance Support
- Water-Energy-Food-Ecological Nexus Modeling and Decision Support Systems
- Clean Energy Technologies for Resource Efficiency

8. Skills Development to manage the WEFE Nexus

- Technical Skills in Water, Energy and Food Systems
- Policy, Governance and Regulatory Skills

- Community Engagement and Capacity Building
- Interdisciplinary Education and Training
- Data Analytics and Decision Support Systems

9. Climate Resilience and the WEFE Nexus

- Climate Change Impacts on Water, Energy, Food and Ecosystems
- Adaptation Strategies for WEFE Systems
- Disaster Risk Reduction and Nexus Integration
- Mitigation through the WEFE Nexus
- Climate-Resilient Policy and Governance

10. Social Equity and the WEFE Nexus

- Inclusive Resource Management (Access to Water, Energy, and Food for All)
- Gender and the Nexus
- Community-Led Solutions and Empowerment
- Youth Empowerment and Education in the WEFE Nexus

11. Financing and Investments for Integrated Nexus Solutions

- Funding Sustainable Nexus Solutions
- Public-Private Partnerships (PPPs) for Nexus Solutions/Innovation
- Climate Finance and the Nexus Approach
- Strengthening Local Financial Institutions and Capacity
- Measuring Impact and Ensuring Accountability
- Cost-Benefit Analysis of Nexus Integration
- Innovative Financing Models for Nexus Integration

Submission Guidelines:

Abstracts for prospective presentations should be submitted to the ZAWAFE Steering Committee by emailing to zambiwaterforum@gmail.com

- **Abstract Submission:** Please submit an abstract of no more than **300 words** outlining the **sub-theme and key focus** of your paper.
- **Format:** Abstracts must be submitted in **doc** or **pdf** format, with
 - Short biography (**100 words**)
 - Title, author(s) name, contact details, picture and email address of presenter/presenters clearly stated.

Review Process:

All abstracts will be reviewed by the **ZAWAFE Steering Committee** and papers will be selected based on relevance to the forum themes, originality and the quality of research.

Forum Format:

- **Keynote Presentations**
 - **Oral Presentations**
 - **Poster Presentations**
 - **Workshops and Panel Discussions**
 - **Side Events**
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Important Dates:

- Abstract Submission Deadline: **April 30, 2025**
- Notification of Acceptance: **Week starting May 19, 2025**
- Full Paper Submission Deadline: **May 30, 2025**
- Forum Dates: **June 10-12, 2025**
- Post ZAWAFE Fieldtrip: **June 13 -14, 2025**

Kindly note that accepted authors are REQUIRED to submit a full paper before the said Deadline. All prospective presenters are encouraged to register and submit their abstracts on time to ensure smooth participation and avoid any potential inconveniences.

Late submissions of abstracts will not be accepted.

Submission Portal:

All submissions should be made through the online submission portal on our website @ zambiwaterforum.org or Email: zambiwaterforum@gmail.com

For additional information, please contact ZAWAFE Secretariat on the following numbers:

+260 972 560 621 / +260-211-238438 or, +260971591498.

We look forward to your participation and to advancing the global conversation on water and sanitation for sustainable development.