



NPRW.
CONFERENCE
2024

**CALL FOR
ABSTRACTS**



MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

Introduction

Kenya's Water and Sanitation Sector has witnessed significant reforms since enacting the Water Act 2002 and subsequent enhancements in 2016. Despite these strides, Non-Revenue Water (NRW) remains a formidable obstacle to water security and sustainable development goals. NRW, characterized by losses from leaks, theft, and inefficient distribution, threatens economic prosperity, public health, infrastructure resilience, and environmental sustainability.

NRW accounts for 45% of total water produced by regulated utilities, translating to an annual revenue loss of Kshs. 10.2 billion, urgent action is imperative to ensure equitable access to clean water. In response, the Non-Revenue Water Conference 2024 aims to galvanize stakeholders and catalyze innovative solutions to address NRW challenges comprehensively.

By uniting stakeholders, fostering dialogue, and catalyzing collective action, the conference seeks to forge synergies and drive meaningful change in Kenya's water sector, ultimately advancing sustainable water security and accountability.

The 4th KEWI Annual Conference scheduled for May 2024 will, therefore, explore the future pathways, identify challenges, best practices, and innovative solutions for Non-Revenue Water (NRW) management and sustainability of the water sector. This will enrich development of policy recommendations, regulatory frameworks, and financial models and uptake of technologies to support NRW management initiatives. In this context, KEWI invites papers from individuals and institutions for presentations to enrich interactive sessions, workshops, and panel discussions, this includes but not limited to dissemination of innovation and knowledge, experiences, and best practices related to non-revenue water, innovation, and sustainable water practices on the following thematic areas;

Thematic Areas

The overall theme of the Conference is **“Sustaining water security for accountability”**.

The conference has five (5) Thematic Areas:

1. Policy, Regulation, and Governance

- **Sub-theme 1:** Regulatory Frameworks for NRW management
- **Sub-theme 2:** Incentives and Penalties for Utilities
- **Sub-theme 3:** Collaborative Governance Models in Non-Revenue water management.
- **Sub-theme 4:** Regulatory and Ethical Issues in NRW

2. Financial Models and Investment Strategies

- **Sub-theme 1:** Financial Sustainability and Cost Recovery Mechanisms
- **Sub-theme 2:** Funding Strategies for NRW Reduction Initiatives
- **Sub-theme 3:** Public-Private Partnerships (PPPs) in NRW Management
- **Sub-theme 4:** Innovative business models and strategies to improve on operational efficiency of water utilities

3. Technology and Innovation

- **Sub-theme 1:** Smart Metering and Advanced Metering Infrastructure
- **Sub-theme 2:** Data Analytics and Artificial Intelligence
- **Sub-theme 3:** Internet of Things (IoT) for Remote Monitoring

4. Research and Capacity Building

- **Sub-theme 1:** Capacity Building Initiatives for NRW Reduction
- **Sub-theme 2:** Collaborations in NRW Research and Capacity Building

5. Water loss management

- **Sub-theme 1:** Sharing experiences; Achieving lowest levels of NRW Management; Lessons learnt in NRW Management.

“The Non-Revenue Water Conference aims to be a catalyst for transformative change in the country’s water sector. By uniting stakeholders, it endeavours to drive actionable steps, foster collaborations, and implement sustainable solutions to reduce NRW, ultimately ensuring efficient water distribution and accessibility for all Kenyans.”

REQUIREMENTS:

1. Interested authors should submit a concept **written in English** to KEWI.
2. The concept should be aligned to any of the conference's **thematic areas**.
3. Each concept will consist of **500 -750 words** maximum, including the title.
4. Provide a brief personal biography of **150 words**.

SUBMISSION OF PAPERS AND CRITICAL DATES:

The concept should be submitted via email to: nrwconference@kewi.or.ke by **31st May 2024**.
Email caption: **4th KEWI Annual Conference 2024**.

Other important dates are:

1. Notification of concept acceptance with an invitation to prepare the full paper will be announced via email by **30th April 2024**.
2. The full research papers and presentations completed by authors and submitted to KEWI should be received by **31st May 2024**.
3. The authors who will have completed their papers will be invited to present during the 4th KEWI Annual Conference.

For any query contact us on nrwconference@kewi.or.ke