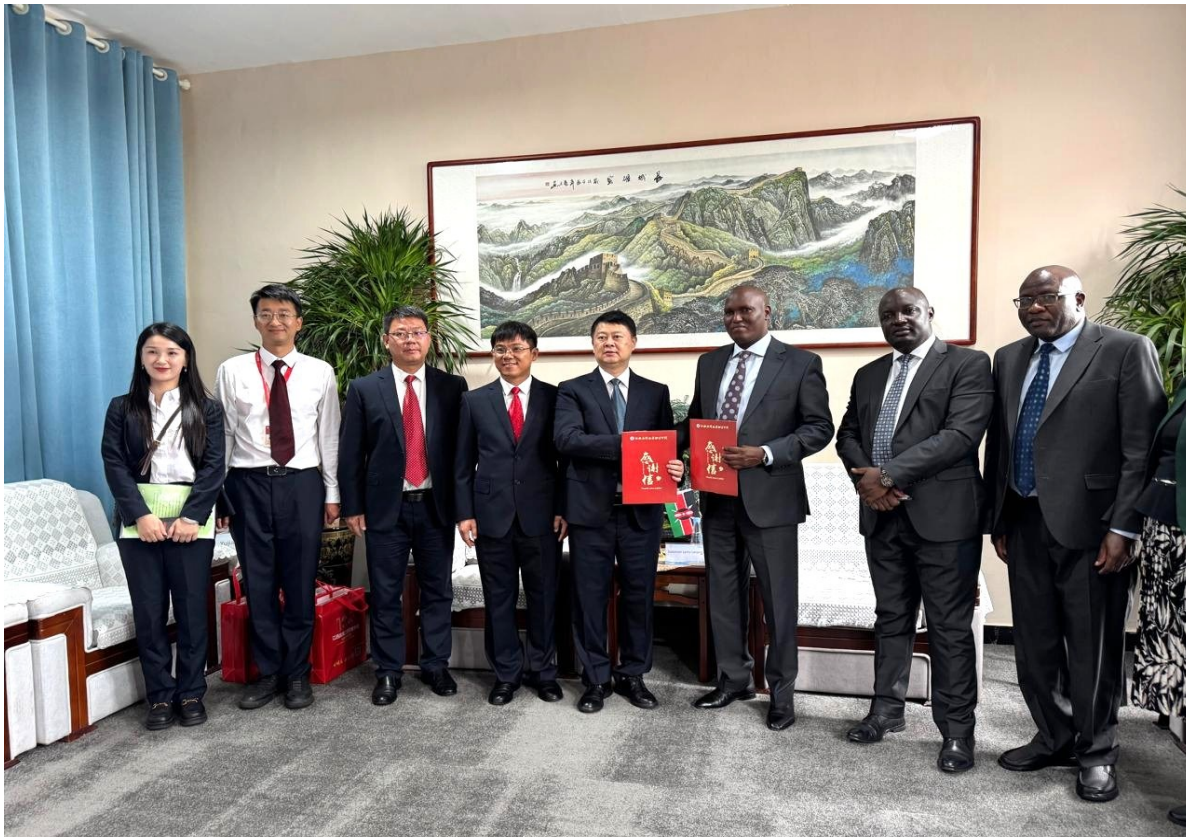


June 21st – 27th 2025

## KEWI and JAEVI Cement Strategic Partnership for Technical and Vocational Education



*Kenya Water Institute's Director/CEO Dr. Leiro Letangule EBS & his Jiangxi Applied Engineering Vocational Institute (JAEVI) counterpart Mr. Li Yujian hold Partnership Agreement documents in China, shortly after signing the agreement on the establishment of the Kenya Tiangong Workshop in Nairobi Campus. They two are flanked by officials from both institutions.*

BY: PIUS KIMANI

In what stands to be a landmark step toward international academic cooperation, the Kenya Water Institute (KEWI) has formalized a strategic partnership with Jiangxi Applied Engineering Vocational Institute (JAEVI), China. The agreement, centered on the establishment of the Kenya Tiangong Workshop, was sealed during a high-level signing ceremony on June 24, 2025, at the Qihui Building in Jiangxi Province.

Led by Director/CEO Dr. Leiro Letangule, EBS, the KEWI delegation included Mr. Eric Wamiti Deputy Director, Academic Affairs, Mr. Nelson Kwamini Deputy Director, Research and Consultancy, and Ms. Dorice Situma Head, Water Resources Management. The engagements marked the culmination of bilateral discussions on vocational training, skills development, and technical collaboration in the water and infrastructure sectors.

### HIGHLIGHTS

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## KEWI and JAEVI Cement Strategic Partnership for Technical and Vocational Education



*Director/CEO Dr. Leiro Letangule EBS, appends his signature on the partnership agreement documents that will pave way for establishment of the Kenya Tiangong Workshop in KEWI Nairobi Campus.*

Speaking at the Partnership Firm-Up Meeting, Dr. Letangule hailed the collaboration as a transformative and visionary step for both nations.

“This cooperation is more than an institutional exchange—it is a partnership that integrates education, technology, and culture to prepare a new generation of globally competitive professionals,” he remarked.

The Kenya Tiangong Workshop, to be established at KEWI's Nairobi campus, will

offer both short-term and three-year diploma programs in key fields such as plumbing, pipefitting, construction technology, water infrastructure management, and e-commerce. These disciplines are critical to Kenya's socio-economic transformation and align with its Vision 2030 development agenda.

With immediate priorities including classroom refurbishment, mobilization of scholarships, selection of the inaugural cohort of forty

students and joint staff training the Workshop is expected over time to mature into a fully fledged Overseas College serving learners from across the continent.

A central feature of the initiative is a dual certification model that will allow students to graduate with academic credentials from both KEWI and JAEVI. Students who attain HSK Level 3 proficiency in the Chinese language will also gain opportunities for advanced studies and employment placements in

## KEWI and JAEVI Cement Strategic Partnership for Technical and Vocational Education

China and beyond strengthening their global competitiveness.

The signing ceremony, presided over by Professor Letangule and JAEVI President Mr. Li Yujian, was witnessed by Mr. Yu Kai, Party Secretary of JAEVI, and Mr. Lei Jiehua, Level 2 Inspector of the Jiangxi Provincial Department of Education. A key milestone was the appointment of the inaugural Joint Management Committee, comprising three representatives from each institution, to guide curriculum development, quality assurance, and governance of the Tiangong Workshop.

Beyond the formal agreements, the KEWI delegation participated in an in-depth roundtable discussion, institutional presentations, and promotional screenings showcasing JAEVI's academic strengths. The visit also featured a Networking Session at the Lisan Building and a China Cultural Insights Public Lecture on traditional tea culture, reinforcing the cultural dimension of the partnership.

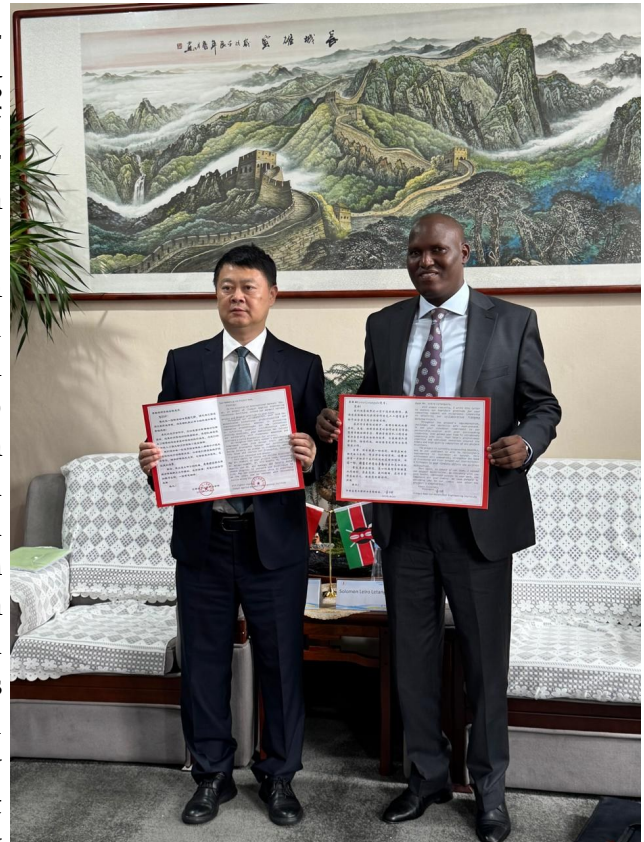
The delegation also toured major infrastructure projects developed by the China Jiangxi International Economic and Technical Corporation (CJIC), including the Olympic Sports Centre and the Dongyuan Reservoir. These site visits strengthened KEWI's confidence in CJIC's capacity to

successfully deliver the ongoing construction of KEWI's 13-floor academic tower in Nairobi.

This collaboration is not only aligned with Kenya's Vision 2030 but also resonates with China's Belt and Road Initiative and the China-Africa Joint Construction Plan for Vocational Education. It is envisioned as a platform for faculty exchange, joint research, policy dialogue, and technological transfer in the water and environmental management sectors.

Looking ahead, KEWI's next steps include finalizing the operational framework, renovating instructional facilities, enrolling a pilot cohort of 40 students, and initiating faculty training in collaboration with JAEVI. There are also plans to deepen ties with Jiangxi Vocational College of Foreign Studies in areas such as student exchange, innovation, and applied research.

In his closing remarks, Dr. Letangule expressed appreciation to the Government of Kenya, the



*Dr. Leiro Letangule EBS and Mr. Li Yujian pose for a photo while holding Partnership Agreements at Jiangxi Applied Engineering Vocational Institute (JAEVI) headquarters in China.*

Ministry of Water, Sanitation and Irrigation, the Jiangxi Provincial Department of Education, JAEVI, and CJIC for their support. He also acknowledged the hospitality and goodwill extended by the Chinese hosts throughout the visit.

"This partnership is grounded not just in technicalities but in a spirit of enduring friendship," he concluded.

"And like the talents we seek to nurture, we will also nurture this collaboration to build a future defined by shared growth and global excellence."

## Institute Intensifies Productivity Efforts in FY 2024/25 Training and Computation Exercise



CPSP (K) Peter Maina W. (seated right), Principal Supply Chain Management Officer engages with his departmental staff during the two-day Productivity Training and Computation Workshop held at KEWI Nairobi.

BY: PIUS KIMANI

In contrast to past years where productivity assessments often remained a passive compliance routine, the Kenya Water Institute (KEWI) has taken a more proactive and data-driven approach in the 2024/25 financial year, demonstrating a clear commitment to improving its institutional performance.

This renewed dedication was evident during the two-day Productivity Training and Computation Workshop held

on June 23rd and 24th, 2025, facilitated by the National Productivity and Competitiveness Centre (NPCC).

The workshop, which brought together Heads of Departments, technical staff, and management, was officially opened by Mr. Leonard Makokha on behalf of the Director. In his address, Mr. Makokha emphasized that KEWI's participation in the training was not merely procedural but strategic anchored in the performance

contract commitments for the financial year. He noted that KEWI is firmly focused on mainstreaming productivity by integrating efficiency and effectiveness into its operations, guided by both institutional goals and national development priorities.

Mr. Makokha highlighted that the current focus is on moving the institution's productivity score from the 2023/24 rating of 1.713, which falls under "Fair Productivity," to a target of 2.50—classified as "High Productivity." He

## Institute Intensifies Productivity Efforts in FY 2024/25 Training and Computation Exercise



*Ms. Faith Kemboi and Ms. Catherine Mwaura, Productivity officers from National Productivity and Competitiveness Centre (NPCC) spearheaded the Productivity Training and Computation Workshop for KEWI at Nairobi Campus. (Below) Ms. Lilian Mutangili, a Research, Strategy and Performance Management officer at the workshop.*

alignment between data management practices and productivity metrics.

However, the workshop also revealed critical areas requiring attention. The team identified the need for improved data quality and reporting consistency across departments.

As a result, several recommendations were made: first, that specific data—

confirmed that Heads of Departments had been actively compiling data required for this transition, laying the foundation for a robust productivity index computation.

On the part of the National Productivity and Competitiveness Centre, Ms. Faith Kemboi, a Productivity Officer, reiterated that the exercise aimed to measure KEWI's current productivity status while offering strategic direction for ongoing improvements. According to the provisional results of the computation, KEWI's Productivity Index now stands at 1.531, maintaining a "Fair" rating. While modest, the figure points to a measurable upward shift, indicating

momentum in the right direction.

Closing the session, Dr. Chirchir Kimeli, Deputy Director, Corporate Affairs, echoed management's continued commitment to productivity enhancement. He reassured participants that the necessary documentation and evidence would be submitted to NPCC to support future computations. Dr. Kimeli also expressed confidence that KEWI's index could increase from 1.513 to 1.800 within the current year, citing a stronger

including costs and surplus margins for short courses, student utilization of library and e-resources, and evaluation scores—be submitted to NPCC by July 15th, 2025. Secondly, there is a need to conduct targeted sensitization sessions on data management for technical staff, management, and the



## Institute Intensifies Productivity Efforts in FY 2024/25 Training and Computation Exercise



*Mr. Leonard Makokha, Head of Management Information and Technology (MIT) Department who presided over the opening ceremony of the workshop on behalf of the director emphasized that KEWI's participation in the training was not merely procedural but strategic anchored in the performance contract commitments.*

Governing Council to ensure accuracy and uniformity in reporting.

In addition, the workshop called for a review of KEWI's overarching productivity strategy to embed practical, results-driven interventions.

With the rollout of the Competency-Based Education and Training (CBET) model, the current metric for e-resource utilization is also under reconsideration. A

replacement indicator is expected to be agreed upon following a joint consultative meeting between KEWI and NPCC. Furthermore, a more structured approach to conducting Customer Satisfaction Surveys – encompassing both long-term and short-term students – was proposed to better capture and respond to user feedback.

The workshop served not only as a computation exercise

but also as a reflection point for KEWI's broader performance goals.

The Institute's engagement with NPCC, combined with internal efforts to refine data systems and realign productivity strategies, marks a deliberate pivot toward a culture of continuous improvement – one that aspires to shift from fair to high productivity in the months ahead.

# KEWI Champions Climate-Smart Water Solutions for A Water-Secure Future at The Water and Sanitation Conference

BY: DORINE EVA

The Kenya Water Institute proudly participated in the prestigious Kenya Water and Sanitation International Conference and Exhibition 2025 held in PridelInn Paradise Hotel, Mombasa County. The one-week event operated under the theme “*Innovative Financing models, Technology & Innovations for Sustainable Pathways to Climate-Smart Water and Sanitation Solutions & Investments.*”

KEWI contributed significantly to the discourse on advancing sustainable water management practices globally.

One of the highlights of KEWI's involvement was the panel discussion titled, 'Research & Capacity Strengthening for Sustainable Climate-Smart Solutions'. This session aimed to explore innovative approaches and research-driven strategies essential for tackling current and future challenges in water resource management, particularly in the context of climate change.

During the panel discussion, Mr. Leonard Makokha, who represented the institute's Director/CEO Dr. Leiro Letangule EBS, emphasized the critical role of research in developing climate-smart solutions that ensure water security and sustainability. He emphasized KEWI's commitment to capacity



Mr. Leonard Makokha, Head of Management Information and Technology (MIT) Department (holding microphone) representing KEWI CEO Dr. Leiro Letangule, EBS gives his insight at a panel discussion titled, 'Research & Capacity Strengthening for Sustainable Climate-Smart Solutions' during the just ended Kenya Water and Sanitation International Conference and Exhibition 2025.

strengthening through collaborative research initiatives and knowledge-sharing platforms. He also highlighted the importance of integrating cutting-edge technologies and community-driven approaches to foster resilience against climate variability while promoting efficient water use practices.

KEWI's presence at the conference underscored its dedication to advancing knowledge and expertise in water resources management. Participating in such an arena helped KEWI experts to engage with global stakeholders, policymakers, and fellow researchers and exchange insights and best practices. Moving forward, the institute remains steadfast

in its mission to lead transformative research efforts and empower communities towards a sustainable water future.

The Kenya Water & Sanitation International Conference & Exhibition 2025 brought together hundreds of experts and stakeholders for a five-day dialogue on transforming water and sanitation systems through climate-smart strategies. The conference served as a collaborative platform for policymakers, researchers, financiers, technologists, and practitioners to realign national and regional priorities with global sustainability goals.

A central focus was the urgent need for innovative policies and robust governance

## KEWI Champions Climate-Smart Water Solutions for A Water-Secure Future at The Water and Sanitation Conference



A central focus was the urgent need for innovative policies and robust governance structures to support inclusive and resilient water service delivery. Participants emphasized strengthening Water Service Providers through Performance Improvement Action Plans (PIAPs) and highlighted success stories such as KIWASCO's inclusive water access model.

There was a clear call for harmonized frameworks across national and county governments, supported by digital tools, legal reforms, and civic oversight to enhance transparency and service effectiveness, especially in underserved areas.

Financing for climate-resilient infrastructure emerged as a pressing concern. Traditional funding approaches were deemed inadequate, prompting discussions on new models like smart prepaid metering,

enterprise accelerators for WASH entrepreneurs, and blended finance. Institutions such as the World Bank and African Development Bank underscored

the importance of reducing investor risk through policy stability, while also unlocking the potential of circular economy innovations like fecal sludge-to-energy systems and water hyacinth utilization.

Technological advancement was a recurring theme. Delegates showcased transformative solutions including turbidity prediction using satellite data in Kisumu, GIS-driven aquifer monitoring, and solar-powered systems. These tools, combined with real-time analytics and Electrical Conductivity (EC) sensors, are enhancing efficiency and reducing non-revenue water losses, with promising results in Nakuru, Kisii, and Kiambu counties.

On sanitation, the conference advocated for a comprehensive city-wide inclusive sanitation (CWIS) approach. Presentations highlighted practical

innovations from Nairobi, Kisumu, and Blantyre, including simplified sewer networks, black soldier fly composting, pit emptying services, and digital tools like SaniTracker. Emphasis was placed on integrating dignity, behavior change, and menstrual hygiene into urban sanitation strategies, especially in informal settlements.

Capacity building and research were identified as vital to long-term resilience. Institutions such as KEWI, UNESCO, and the National Research Fund called for greater investment in localized studies and training. Topics ranged from stable isotope mapping to watershed investments, with a shared focus on addressing data gaps and empowering technical professionals. The importance of gender equity, youth involvement, and community participation was also widely recognized.

Key outcomes included aligning national water and sanitation policy with climate goals, strengthening innovation ecosystems, transforming governance through digitization, and reinforcing capacity development. As Kenya advances toward Vision 2030 and SDG 6, the conference delivered a forward-looking roadmap rooted in resilience, technology, and inclusive development.

## Ajira Digital Program Empowers KEWI Students with Future-Ready Skills



(Up and below) Officers from Ajira Digital Platform take Chiakariga Campus students through various training sessions on digital economy.

BY: KORIR KIPKIRUI

In an inspiring stride toward youth empowerment through technology, the Kenya Water Institute (KEWI) – Chiakariga Campus hosted a one-day Ajira Digital training session for its students, opening doors to the vast opportunities of the digital economy. The session, led by Felix Muthama, head of the campus’s Information Communication Technology Department, formed part of the national Ajira Digital Program—an initiative driven by the Government of Kenya in collaboration with eMobilis, the Kenya Private Sector Alliance (KEPSA), and the Mastercard Foundation.

The primary goal of the training was to equip students

with practical, market-relevant digital skills that can unlock online work opportunities in the global gig economy. Participants were introduced to various income-generating avenues including online writing and freelancing, transcription services, virtual assistance, digital marketing, and essential digital literacy. These areas reflect the shifting dynamics of the job market, which is moving increasingly toward remote and tech-enabled work.

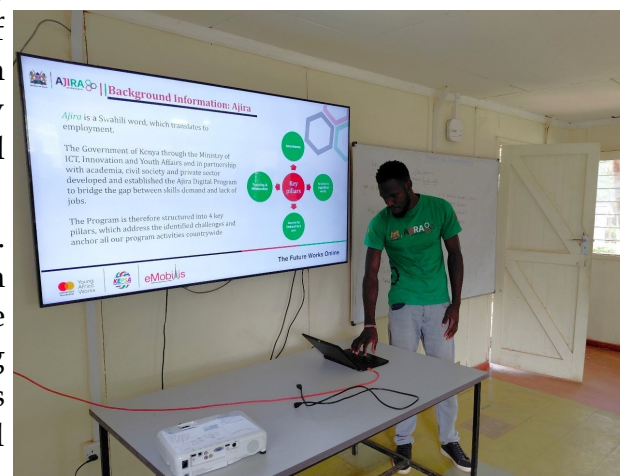
In his remarks, Mr. Muthama underscored the urgency of integrating digital preparedness into institutional learning.

“It is our duty as institutions of learning to prepare students not just for traditional jobs, but for the digital future,” he said.

His message resonated deeply with the students, many of whom expressed enthusiasm and appreciation for the exposure to alternative career paths.

Ajira Digital has trained over 250,000 youth across Kenya and continues to provide access to free workspaces, internet, and mentorship through Ajira Youth Empowerment Centres. The initiative at KEWI Chiakariga marked not just a training session, but a meaningful investment in the students’ future.

By embracing such programs, Chiakariga is demonstrating its commitment to a holistic educational approach—one that blends technical expertise with entrepreneurial and digital competencies essential in today’s evolving world of work.



## Institute Conducts Specialized Training for Water and Energy Sector Professionals



*Trainees from Nairobi City Water and Sewerage Company (NCWSC) and the Kenya Electricity Generating Company PLC (KenGen) pose for a group photo after the completion of their weeklong short course trainings at KEWI Nairobi.*

**BY: BRITNEY MOKEIRA**

This week marked a significant milestone for the Kenya Water Institute (KEWI) as it conducted a specialized training program tailored for professionals in the water and energy sectors. The training, held at KEWI's Nairobi campus, brought together a diverse group of participants from major utility service providers, including the Nairobi City Water and Sewerage Company and the Kenya Electricity Generating Company PLC (KenGen).

Focused on enhancing both technical proficiency and administrative acumen, the program aimed to strengthen capacity in key operational areas such as metering, billing, revenue collection, and pipework management.

For the Nairobi City Water and Sewerage Company, the course emphasized metering and billing systems, a crucial aspect of managing urban water services efficiently. As utility providers grapple with increasing demand, aging infrastructure, and the

challenge of non-revenue water, accurate metering and streamlined billing processes have become vital tools for ensuring sustainability.

The sessions provided participants with in-depth knowledge of emerging technologies in smart metering, data analytics, and customer relationship management. In addition to theoretical insights, participants explored practical strategies to reduce revenue losses, improve service delivery, and enhance transparency in billing

## Institute Conducts Specialized Training for Water and Energy Sector Professionals



*Trainees from Nairobi City Water and Sewerage Company (NCWSC) and the Kenya Electricity Generating Company PLC (KenGen) during their field study visit to Gatundu Water and Sanitation Company.*

operations. KenGen employees participated in specialized pipework training sessions, which focused on the practical aspects of water infrastructure management within energy generation facilities. The hands-on approach enabled participants to sharpen their skills in installing, maintaining, and troubleshooting water conveyance system, critical components in ensuring the smooth operation of hydropower plants and other water-dependent infrastructure. The training highlighted industry best practices in safety, durability, and system efficiency, while also promoting interdepartmental collaboration and knowledge sharing among professionals

from different regions and backgrounds.

A major highlight of the week-long training was Thursday's field visit to the Gatundu Water and Sanitation Company. This excursion offered a rare and invaluable opportunity for participants to observe firsthand the implementation of metering and billing systems in a real-world setting. At Gatundu Water, trainees engaged with operational staff through interactive sessions and live demonstrations, gaining practical insights into how the company manages customer accounts, tracks consumption, and ensures timely revenue collection.

As the training concluded, participants expressed deep

appreciation for the knowledge and skills acquired, emphasizing how the experience would contribute to improved performance and service delivery in their respective institutions. Many cited the opportunity to learn from industry peers and to explore new technologies as particularly valuable. KEWI's commitment to fostering professional growth and operational excellence remains central to its mission, and the Institute encourages interested individuals and organizations to explore its wide range of short courses. For more information or to register for upcoming training sessions, visit [www.kewi.go.ke](http://www.kewi.go.ke) or contact the Institute via email at [info@kewi.or.ke](mailto:info@kewi.or.ke).

## Bridging Kenya's Water Gap: Why Urgent Action Can't Wait



*Water, Sanitation and Irrigation Cabinet Secretary Hon. Eng. Eric Murithi Mugaa launches the 2023/24 Impact Report, an Annual Sector Performance Report by the Water Services Regulatory Board (WASREB).*

BY: PIUS KIMANI

Universal access to safe, reliable, and affordable water and sanitation is not only a fundamental human right but also a cornerstone of national development, public health, and social equity. Yet, as Kenya nears the 2030 deadline for achieving global water and sanitation targets, the country remains significantly off-track. Progress is too slow, especially in underserved regions, and the window for meaningful corrective action is closing. According to the 2023/24 Impact Report by the Water Services Regulatory Board (WASREB), without urgent reforms, increased investments,

and coordinated action, millions of Kenyans will continue to lack these essential services.

A key challenge is the growing disparity between what the sector needs and what is actually funded. The National Water and Sanitation Investment Plan (NAWASIP) estimates a total requirement of Ksh 995 billion over eight years—about Ksh 124 billion annually. However, only Ksh 44.68 billion was allocated in the 2023/24 fiscal year, covering just 36% of the annual need. This translates to a per capita investment of USD 6.5, far below the National Water Master Plan

2030 benchmark of USD 25. While access to water in regulated areas improved slightly from 62% to 65%, sewerage coverage remains stagnant at 16%.

The sector's heavy reliance on development partners—who contribute nearly 70% of total funding—poses a major vulnerability. This dependency undermines long-term sustainability. To mitigate this, Kenya must strengthen domestic resource mobilization by improving tax collection, introducing cost-reflective tariffs, and enhancing utility performance.

A financing gap of Ksh 652 billion must be bridged to meet

## Bridging Kenya's Water Gap: Why Urgent Action Can't Wait

both national and international goals. Beyond mobilizing new resources, the sector must better manage existing funds. Water Service Providers (WSPs) can increase revenue by up to 70% without raising tariffs by addressing inefficiencies such as non-revenue water (NRW), tightening billing systems, and reducing operational losses. Adopting performance-based financing—where funding is tied to outcomes like coverage expansion or loss reduction—can further boost efficiency and accountability.

NRW remains a critical issue. Losses are estimated at 44–45%, costing the sector Ksh 11–12 billion annually even after adjusting for the acceptable 20% threshold. An estimated 205 million cubic metres of water—equivalent to Nairobi's nine-month supply—is lost every year. In some counties, including Kisii and Nyamira, NRW rates reach up to 77%. Tackling this challenge



will require smart metering, regular system audits, targeted repairs, and enhanced oversight.

Commercial viability is another concern. Although cost recovery among WSPs improved to 98%, it falls short of the 110% needed for sustainability and the 150% target. As external funding declines, tariff reforms are essential. These reforms must be fair, gradual, and accompanied by safety nets

such as lifeline tariffs and targeted subsidies to protect vulnerable households.

Governance reforms are also underway. WASREB is conducting a sector-wide audit to identify institutional gaps and enhance accountability. The new Water Services Regulations 2025 provide a framework for a stronger regulatory environment that supports enforcement and stakeholder trust.

Climate change further complicates water sector challenges. Unpredictable rainfall, rising temperatures, and extreme weather events are already disrupting water

availability. Climate resilience must be integrated into infrastructure, planning, and policy.

To achieve universal access, Kenya must urgently prioritize six actions: increase domestic financing, reduce NRW, implement equitable tariffs, strengthen governance, embed climate resilience, and embrace performance-based financing. The 2030 deadline is fast approaching. Bold, coordinated action must begin now.

## The Unspoken Resilience: Rethinking Men's Mental Health In Campus

# MEN'S MENTAL HEALTH AWARENESS MONTH

**"Men do talk. We just need to learn how to hear them."**

BY: REBECCA NJERI NDUNG'U

June is Men's Mental Health Awareness Month—a moment for reflection and reawakening. It invites us to reexamine the ways in which we understand, support, and speak about men's mental well-being, especially within institutions of learning where expectations run high and support may feel just out of reach; an important opportunity to pause, reflect, and challenge long-held misconceptions.

A prevailing myth has taken root: that men suffer in silence because they're either too burdened or too emotionally disconnected. But this silence is often misunderstood. Despite growing awareness, the silence around men's mental health remains deafening. Society often reduces men to stoic figures, presumed to be "fine"

simply because they say little. Yet in that silence lies nuance—strategic communication, guarded vulnerability, and the deeply ingrained belief that pain should be endured quietly. But endurance is not healing.

What many overlook is that men do talk—it just looks different. They do it strategically, with people they trust, and in moments that feel safe. Conversations happen on the sidelines of a Gor Mahia vs Ingwe match, over a cup of chai, during a late evening walk with a trusted friend or while catching a breeze under a tree after class or in gazebos over the weekend. These informal moments matter; the conversations are far from trivial—they are crucial. They are lifelines. They are the spaces where guarded hearts are unlocked and camaraderie becomes counsel. They reflect

a communication style that's often overlooked in mainstream wellness narratives, where vulnerability is framed narrowly as tears and open declarations.

This month, much of the global conversation pushes men to be "more vulnerable," to "speak up," and to "cry." But for many men, that path doesn't come naturally—or culturally. This call is well-intended, but often poorly framed. It risks alienating those who express emotions differently. Vulnerability must be understood not as a single expression but as a spectrum. It can be a whisper of uncertainty, a request for help, or even a silent glance that says, "I'm not okay."

What we need is not to dictate how men should open up, but to listen deeply when they do—in whichever form that takes. Instead of insisting



## The Unspoken Resilience: Rethinking Men's Mental Health In Campus



on a one-size-fits-all model of expression, let us learn to listen better, to read between the lines, and to create environments where conversations can bloom in their own time and form.

Professional help is powerful, but community is essential. Men need spaces of belonging, free from judgment and grounded in understanding. Peer circles, cultural clubs, brotherhoods, and even casual hangouts on campus can be lifelines when nurtured with care. At Kenya Water Institute, we can be intentional in building these communities—starting with

empathy, encouragement, and institutional support.

Whether you're facing pressures from academics, home, finances, family, quiet battles you haven't yet named or just carrying an invisible weight—you are not alone and you do not have to walk alone.

The Guidance and Counseling Office offers confidential, professional support to every student and staff member. Seeking help is not weakness—it is wisdom.

Let us redefine what strength looks like. Let us cultivate compassion, not just awareness. We don't need

quieter men. We need a louder understanding. Because behind every strong man is a story—and it deserves to be heard, honoured, and healed.

Let's be the generation that listens differently, and supports more compassionately. Mental health is not just a topic for June—it's a lifelong commitment. And at Kenya Water Institute, we stand ready to walk that path with you.

Finally, let us affirm—loudly and without hesitation—that mental health matters for everyone, including the men among us.

## Kenya Deepens Strategic Partnerships to Accelerate Water and Sanitation Development



*Water, Sanitation and Irrigation Cabinet Secretary Hon. Eng. Eric Murithi Mugaa when he held a high-level meeting with a delegation from the African Development Bank (AfDB) at Maji House. The meeting focused on reviewing AfDB's active portfolio in Kenya's Water and Sanitation sector.*

**BY: PIUS KIMANI**

The Government of Kenya, through the Ministry of Water, Sanitation and Irrigation, is intensifying efforts to strengthen partnerships and advance flagship projects aimed at achieving sustainable water and sanitation access nationwide. A series of high-level engagements and technical assessments in June 2025 underscored the Ministry's commitment to effective delivery, accountability, and climate-smart infrastructure development.

Cabinet Secretary Eng. Eric Mugaa and Principal Secretary

Mr. Julius Korir, CBS, held a strategic meeting with a delegation from the African Development Bank Group (AfDB), led by Eng. Mtchera Johannes Chirwa, Director of Water and Sanitation Development. The discussions focused on reviewing the Bank's ongoing support in Kenya's water sector, including key projects such as the Thwake Multipurpose Dam, the Kenya Towns Sustainable Water and Sanitation Program, and the Nairobi Rivers Basin Rehabilitation and Restoration Project. The AfDB delegation reaffirmed the Bank's commitment to completing

these initiatives and expressed interest in expanding collaboration through the proposed National Urban Program. This transformative initiative is envisioned to improve water and sanitation services in Kenya's rapidly growing peri-urban and emerging towns.

In a parallel effort to ensure transparency in development financing, the Ministry also hosted an entry meeting chaired by PS Korir for the National Treasury's CES Public Debt audit team. The audit is centered on verifying disbursements and the implementation status of donor-funded projects for the fiscal

## Kenya Deepens Strategic Partnerships to Accelerate Water and Sanitation Development

year ending June 30, 2025. Senior officials including Mr. Stephen Kihara, Secretary Administration; Dr. Jennifer Owino, Head of Accounts; and Dr. Okoth Owuor, Head of the Horn of Africa Groundwater for Resilience Project, attended the session alongside representatives from the National Treasury. The

meeting reiterated the Ministry's commitment to prudent financial management and delivery of value in all externally supported programs.

Strengthening the water sector's climate resilience was also a key priority during discussions between the Ministry and the Global Green Growth Institute (GGGI). Led by Ms. Adnan Alam, GGGI's Africa Senior Regional Partnership and Strategy Officer, the meeting explored avenues for unlocking climate finance to support investments in water harvesting and storage infrastructure. These investments are crucial for controlling floods and mitigating the impact of



*Principal Secretary State Department for Water and Sanitation Mr. Julius Korir, CBS, chairing an entry meeting for the National Treasury's CES Public Debt audit team.*

prolonged droughts driven by climate change. Kenya's Water Sector Climate Financing Plan, already developed by the State Department, provides a roadmap for mobilizing and applying resources toward climate-resilient solutions. GGGI's partnership is expected to catalyze implementation and attract global support for the plan.

On the ground, PS Korir led a delegation to inspect ongoing works at the Mwache Dam Project in Fulugani, Kwale County. Accompanied by Water Secretary Eng. Samuel Alima and Coast Water Works Development Agency CEO Mr. Hamoud Mguza, the team visited the

dam site and associated community support initiatives such as the newly established Fulugani Primary School. Once completed, Mwache Dam – Kenya's first-ever Roller Compacted Concrete (RCC) dam – will supply up to 186,000 cubic meters of potable water daily to Kwale, Kilifi, and Mombasa counties.

These engagements coincided with the just-concluded Kenya Water and Sanitation International Conference held in Mombasa, further underscoring Kenya's resolve to deliver universal access to water and sanitation by 2030 through innovation, accountability, and strategic partnerships.

## KEWI Excels in Action-Packed Sports Weekend with Floorball, Netball, and Volleyball Wins



*KEWI Volleyball team in action against Kenya Institute of Highways and Building Technology (KIHBT) team during the weekend friendlies.*

**BY: FAITH TAUNET**

The Kenya Water Institute (KEWI) had a weekend to remember as its sports teams delivered spirited performances both on home ground and away. Over two packed days, June 21st and 22nd KEWI hosted an electrifying inter-institutional floorball tournament while also fielding teams in netball, volleyball, and football in friendly fixtures against the Kenya Institute of Highways and Building Technology (KIHBT).

On Saturday, while floorball action raged on at the Nairobi campus, KEWI teams made their mark in Nairobi at KIHBT. The women's netball

team edged their hosts in a nail-biting 17-16 thriller, showcasing precise shooting and fast-paced coordination. The men's netball team battled to a 10-10 draw in an evenly matched contest that kept spectators on edge. In volleyball, KEWI's men's squad dominated with a commanding 3-0 victory, overwhelming KIHBT with sharp serves and teamwork. The men's football side, however, had a rough run, falling 2-7 to a clinical and well-organized KIHBT outfit despite moments of promising play.

Back home, KEWI was the heartbeat of Kenya's growing floorball scene. The institute hosted a high-intensity two-

day tournament that brought together some of the region's top teams. KEWI's women's team emerged as one of the weekend's highlights, clinching third place out of five teams and turning heads with their grit, discipline, and composure under pressure.

Their campaign began with a hard-fought 1-1 draw against Tsunami, followed by a clinical 2-0 win over Michuki Polytechnic. Building on their momentum, they edged Panthers 1-0 and pulled off a surprise 1-0 win over tournament Favorites Silver Queens. Although they were narrowly beaten 1-2 in a semi-final rematch against Silver Queens, the KEWI ladies earned their bronze medal with

## KEWI Excels in Action-Packed Sports Weekend with Floorball, Netball, and Volleyball Wins

pride. Their precise passes, tight marking, and consistent team play earned applause from fans and respect from opponents.

On the men's side, KEWI started strong with a 5-1 demolition of Michuki Polytechnic, a game that showcased their pace, sharp finishing, and solid defence.

But as the tournament progressed, the competition stiffened. The men suffered a 0-4 loss to Blackbirds and a narrow 1-2 defeat to NIBS technical college. Though they finished sixth overall, the KEWI men's team showed undeniable spirit, and their ability to build quick counterattacks and defend under pressure didn't go unnoticed.

More than just a weekend of scores and standings, the events at KEWI and KIHBT highlighted the Institute's growing emphasis on sports as a key part of student life. The buzz around the courts, the chants from the sidelines, and



*KEWI Ladies Floorball team pose before their floorball games at KEWI Nairobi.*

the team spirit between institutions were a celebration of youth-driven competition and community spirit.

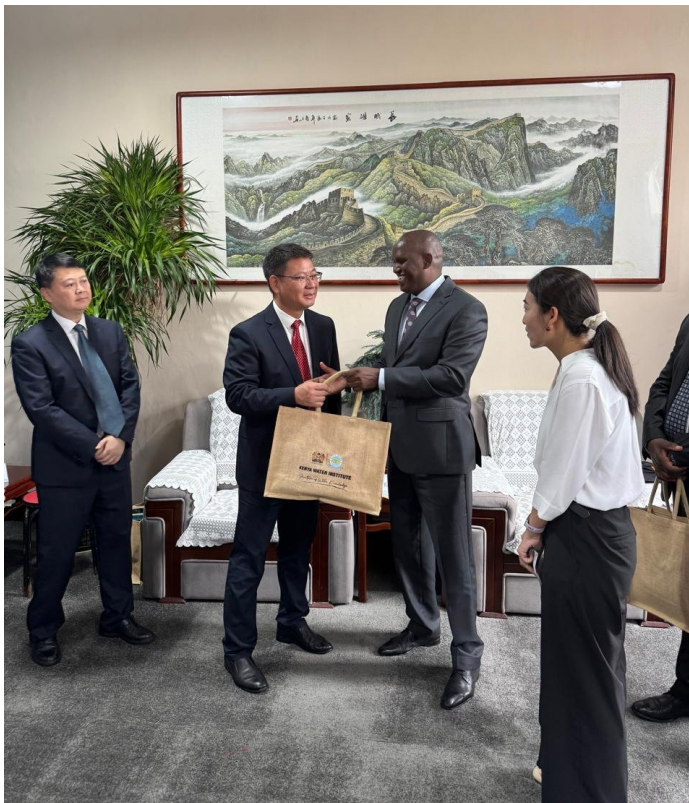
Floorball, a fast-paced indoor game that originated in Sweden and is often compared to ice hockey, it has been growing steadily in Kenya, particularly in colleges and universities. KEWI has positioned itself as one of the sport's strongest advocates, regularly fielding competitive teams and hosting tournaments that bring visibility to the game.

KEWI's commitment to holistic development was on full display. Whether on the

netball court in Nairobi or in the floorball hall at Kabete, the weekend showed that the Institute isn't just building academic excellence, it's cultivating teamwork, discipline, and leadership through sports.

As floorball continues to gain ground nationally and KEWI athletes gain exposure in multiple disciplines, the bronze medal for the ladies' team and the relentless drive of the men's squads mark just the beginning of what looks to be a very promising chapter in KEWI's sporting journey.

# Round up of The Week's Events



Moments during the KEWI delegation visit to Jiangxi Applied Engineering Vocational Institute (JAEVI) in China.

## KENYA WATER INSTITUTE INVITES APPLICATIONS FOR ADMISSION

Kenya Water Institute invites applications for September 2025 intake for the programs offered in Nairobi campus and satellite campuses of Chiakariga, Kitui and Kisumu. The programs will be offered through a Blended Learning Model (online and in person learning for practical based courses). Applicants MUST indicate the campus of choice in the application form.

Program Title	Minimum Requirements	Duration	Campus	Tuition Per Semester
1. Diploma in Water Engineering Technology (DWET)	a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board.	Three years	Nairobi Chiakariga Kitui Kisumu	Kshs. 31,300
2. Diploma in Water Resources Management Technology (DWRMT)	a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board.	Three years	Nairobi Kitui Kisumu	Kshs. 31,300
3. Diploma in Irrigation and Drainage Engineering Technology (DIDET)	a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board.	Three years	Chiakariga Kisumu	Kshs. 31,300
4. Diploma in Wastewater and Sanitation Engineering Technology (DWSET)	a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board.	Three years	Nairobi	Kshs. 31,300
5. Diploma in Water Laboratory Technology (DWLT)	a) KCSE Mean Grade C- (minus) or a division (II) in KCE with at least D (plain) in any of the sciences (Mathematics, Physics, Chemistry or Physical Science and Biology) or Geography OR b) KCSE Mean Grade C- and Artisan Course Certificate from KEWI or any equivalent National Qualification c) As determined by the Academic Board.	Three years	Nairobi	Kshs. 31,300
6. Diploma in Information Communication Technology (DICT)-KNEC	a) KCSE Mean Grade of C- and above or its equivalent as acceptable Qualification by KNQA OR b) KNEC Certificate for DICT	Three years	Nairobi	Kshs. 31,300
7. Certificate in Water Engineering Technology (CWET)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Nairobi Chiakariga Kitui Kisumu	Kshs. 30,000
8. Certificate in Water Resources Management Technology (CWRMT)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Nairobi Kitui Kisumu	Kshs. 30,000
9. Certificate in Irrigation and Drainage Engineering Technology (CIDET)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Chiakariga Kisumu	Kshs. 30,000
10. Certificate in Wastewater and Sanitation Engineering Technology (CWSET)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Nairobi	Kshs. 30,000
11. Certificate in Water Laboratory Technology (CWLTL)	a) KCSE Mean Grade D (plain) OR b) Artisan Course qualification from KEWI or any equivalent National Qualification OR c) As determined by the Academic Board	Two years	Nairobi	Kshs. 30,000
12. Certificate in Information Communication Technology (CICT)-KNEC	a) KCSE Mean Grade D (plain) and above OR b) Its equivalent as an acceptable Qualification by KNQA	Two years	Nairobi	Kshs. 30,000
13. Plumbing and Pipe Fitting (PPF)	a) KCSE Mean Grade D (plain) and above OR b) Its equivalent as an acceptable Qualification by KNQA	Two years	Nairobi	Kshs. 30,000
14. Water Operators Course (WOC) in: • Water Supply • Meter Reading • Wastewater Mgt. Tech.	a) KCSE Certificate OR b) Basic Operator Course qualification OR c) Any other qualification approved by the Academic Board	Two semesters	Nairobi Chiakariga Kitui Kisumu	Kshs. 30,000
15. Irrigation and Drainage systems	a) KCSE Certificate OR b) Basic Operator Course qualification OR c) Any other qualification approved by the Academic Board	Two semesters	Chiakariga Kitui	Kshs. 30,000
16. Drilling Operations and Management (DOM)	a) KCSE Mean Grade D (plain) OR b) Certificate in Water Related course (Water Technician, Water Resource Management, Water Engineering, Mechanical Engineering) OR c) Industry Practice as a Drilling Technician of at least 2 years	8 weeks	Nairobi	Kshs 40,800

**MODE OF APPLICATION**

Application forms can be obtained from Kenya Water Institute, Nairobi South 'C', Chiakariga, Kitui and Kisumu campuses; or downloaded from KEWI website. A non-refundable application fee of Kshs 1,000.00 should be paid using this link: <https://www.kewi.go.ke/application-payment-process>

Applications should be addressed to the **DIRECTOR, KENYA WATER INSTITUTE, P. O. BOX 60013 -00200 NAIROBI**. Applications to reach us not later than **29<sup>th</sup> August 2025**. Attach photocopies of Academic Certificates, National ID card and original application fee receipt.

Foreign students to add 20% on all charges. For enquiries: Nairobi - 0722 207 757, 0735339206, Chiakariga – 0729009104, Kitui 0707 566 395

**Persons with disability and female students are encouraged to apply.**



REPUBLIC OF KENYA



# Advanced GIS and Remote Sensing in Water Management Course

**Venue:** Kenya Water Institute, Nairobi Campus


**Date:** 4th - 8th August 2025

**Cost:** Kshs 45,000/=



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For more information and how to apply, visit [www.kewi.go.ke](http://www.kewi.go.ke)



JULY 11, 2025

ORGANIZED BY:  
Ecomashinani Youth Group  
& KEWI Chiakariga Campus



# ADVANCING STEWARDSHIP & CONSERVATION AWARENESS DAY



**THEME**  
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## OUR PARTNERS



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## Picture of the week



Meet Mr. Leonard Korir Kipkirui, a dedicated and versatile professional who has been an integral part of the Kenya Water Institute since 2016.

With a strong technical background, he has served at the Water Research Laboratory in Nairobi's Industrial Area, where he honed his expertise in Laboratory Operations and Water Research.

Tapping on this experience, he was moved to Chiakariga Campus, where for the last 4 years he has served as the Technician in charge of the laboratory.

Mr. Korir has also served as the Communications Officer – a position he continues to hold with enthusiasm and commitment. This is after KEWI introduced a Weekly Newsletter where he has served as the Campus Correspondent.

Beyond his technical and communication duties, Mr. Korir also imparts knowledge to students by teaching key units such as Site Organization and Excavation, and Engineering Materials, further demonstrating his multifaceted contributions to the institution.

### Quote of the Week

*"Improved sanitation technologies are among the most powerful weapons we have against poverty and inequality."*

*- Jim Yong Kim, Former President, World Bank*

### EDITORIAL TEAM

#### Editor

Dorine Eva Irungu

#### Writers:

Pius Kimani  
Britney Mokeira  
Korir Kipkirui  
Faith Taunet  
Rebecca Njeri  
Dorine Eva

#### Photographer

Pius Kimani

#### Designer

Pius Kimani

### Long - Term Programmes

Diploma in Water Engineering Technology (DWET) Diploma in Wastewater  
 Diploma in Water, Sanitation Engineering Technology (DWSET)  
 Diploma in Water Resources Management Technology (DWRMT)  
 Diploma in Irrigation and Drainage Engineering Technology (DIDET)  
 Diploma in Information Communication Technology (DICT)-KNEC  
 Diploma in Water Laboratory Technology (DWLT)  
 Certificate in Wastewater and Sanitation Engineering Technology (CWSET)  
 Certificate in Water Resources Management Technology (CWRMT)  
 Certificate in Information Communication Technology (CICT)- KNEC  
 Certificate in Water Laboratory Technology (CWLTL)  
 Certificate in Water Engineering Technology (CWET)  
 Drilling Operations and Management (DOM)  
 Plumbing and Pipe Fitting (PPF)  
 Water Operators Course (WOC) in:
 

- Water Supply
- Meter Reading
- Sewerage Operations

### Short - Term Programmes

Use of Earth Observation Tools and GIS for Water Resources Management  
 Entrepreneurship and Financial Management for Water Managers  
 Operation and Maintenance of Water Supply Networks  
 Metering and Installation of Water Supply Networks  
 Leak Detection & Repair techniques  
 Drilling Operations and Management (DOM)  
 Operation & Maintenance of Pumping Stations  
 Pump Selection, Installation and Maintenance  
 Plumbing, Pipe Fitting and Solar Water Heating  
 Instrumentation for Water and Wastewater Systems  
 Water Governance, Management and Technology  
 Application of GIS for Water Utilities Mapping  
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 Water Quality Sampling and Testing  
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 Integrated Water Resources Management  
 Non-Revenue water  
 Water Management  
 Customer Care

## Vision

A Technical Centre of Excellence in Training, Research, Innovation and Consultancy in the water, Sanitation and Irrigation Sector.

## Mission

To offer Competency-Based Training, Research, Innovation, Consultancy and Outreach Services in the Water, Sanitation and Irrigation Sector for sustainable development.

## Core Values

Good Corporate Governance  
Professionalism  
Customer Focus  
Innovativeness  
Inclusivity  
Patriotism  
Integrity

## GET IN TOUCH WITH US

**The Director,**  
**Kenya Water Institute,**  
P.O. Box 60013-00200 Nairobi  
TEL: +254 722-207757  
Email: [info@kewi.or.ke](mailto:info@kewi.or.ke)  
Website: [www.kewi.go.ke](http://www.kewi.go.ke)

**For enquiries about our TVET programs**  
Contact the Registrar, Admissions Office.  
Phone: 0735339206  
Email: [admissions@kewi.or.ke](mailto:admissions@kewi.or.ke)

**KEWI Nairobi Campus**  
P.O. BOX 60013 – 00200  
Tel: 0722207757  
Email: [info@kewi.or.ke](mailto:info@kewi.or.ke)

**KEWI Chiakariga Campus**  
P.O. BOX 12 – 60215  
Tel: 0729009104  
Email: [chiakariga@kewi.or.ke](mailto:chiakariga@kewi.or.ke)

**KEWI Kitui Campus**  
P.O. BOX 1514 – 90200  
Tel: 0707566395  
Email: [kitui@kewi.or.ke](mailto:kitui@kewi.or.ke)

**KEWI Kisumu Campus**  
P.O. BOX 7825 – 40100  
Tel: 0746212708  
Email: [kisumu@kewi.or.ke](mailto:kisumu@kewi.or.ke)

## OTHER SERVICES OFFERED

Water Quality Laboratory Services  
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Ground water Assessment Services  
Conferencing Services  
Troubleshooting of pumps boreholes and distribution systems  
Repair of pumps boreholes and distribution systems

Your feedback is crucial for our improvement



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