



WEEKLY Newsletter

July 19th – July 25th 2025

KEWI Leads Technical Charge in Landmark Report on Industrial Wastewater and Climate Action



Principal Secretary, State Department for Water and Sanitation Julius Korir CBS (4th from left) in a group photo after he launched the **Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions** at Movenpick Hotel, Nairobi. He is joined by other sector leaders including on his left the Kenya Water Institute's Director/CEO Dr. Leiro Letangule EBS.

BY: PIUS KIMANI

Kenya Water Institute (KEWI), in partnership with the Confederation of Danish Industry and the Kenya Association of Manufacturers (KAM), has officially launched the Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions, focusing on wastewater targets. The report underscores the critical role of industry in achieving Kenya's climate commitments through sustainable wastewater management and offers policy

recommendations to guide the country toward a low-carbon, climate-resilient industrial future.

Commissioned by KAM and technically reviewed by KEWI, the report outlines practical strategies that could fast-track Kenya's goal of reducing greenhouse gas (GHG) emissions by 32% by 2030, as pledged under the country's Nationally Determined Contributions (NDCs). Methane and nitrous oxide emissions from poorly managed wastewater are

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KEWI Leads Technical Charge in Landmark Report on Industrial Wastewater and Climate Action



PS Julius Korir CBS, makes his remarks during the launch of Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions. He has challenged stakeholders to promote water reuse, noting that approximately 70% of clean water ends up as wastewater.

are identified as significant but under-addressed contributors to national emissions.

At the launch held at Mövenpick Hotel and Residences in Nairobi, Principal Secretary for the State Department for Water and Sanitation, Mr. Julius Korir, CBS, emphasized the central role wastewater plays in Kenya's climate and water agenda.

"The future of Kenya's water sector will be determined by how effectively we manage wastewater. Our choices today will shape water security, environmental health, and economic resilience for generations to come," he stated, while encouraging the public to adopt water reuse practices.

KEWI Director/CEO Dr. Leiro Letangule, EBS, described

the report as a transformative roadmap.

"By harnessing and recovering resources from wastewater, we can unlock new economic opportunities and drive sustainable development," he said.

"KEWI remains

focused on building the technical capacity and knowledge base needed to sustain this transformation."

KAM CEO Mr. Tobias Alando highlighted the shared responsibility of climate action, noting that many industries have already taken bold steps by investing in wastewater treatment and low-emission technologies.

"Industry is not a passive observer in climate action. This report strengthens the case for faster, coordinated, and innovative interventions," he said.

Millicent Kariuki of the Confederation of Danish Industry

lauded the report's findings and stressed the importance of translating commitments into real-world progress. "With the right mindset, strong partnerships, and committed stakeholders, we have a real opportunity to drive meaningful and lasting change," she remarked.

The report notes that only 17% of the population is served by adequate wastewater infrastructure, with limited treatment of industrial effluent. Many plants are technologically outdated and lack the capacity to handle toxic industrial waste. Weak enforcement and data gaps further hinder progress.

Despite these challenges, KEWI is spearheading practical interventions. In collaboration with the African Development Bank, KEWI is finalizing the development of humanure plants in Kajiado and Tharaka Nithi counties to convert



Eng. Justus Wersongur, the Lead Technical Reviewer of the Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions during its launch.

KEWI Leads Technical Charge in Landmark Report on Industrial Wastewater and Climate Action

human waste into safe, nutrient-rich fertilizer. In partnership with Danish Industries, the Institute is also advancing solar desalination and biogas technologies for use and training.

KEWI is also set to provide regional laboratory services under a multi-agency project with KAM, ZDHC, and IHE Delft, aimed at monitoring and mitigating chemical discharges from textile industries in East and Central Africa. The technical review conducted by KEWI ensures the report aligns with key policy frameworks including the Water Act 2016, National Water Policy, and the National Environmental Sanitation and Hygiene Policy (NESHP).

The Principal Secretary reiterated the government's support for decentralized treatment systems and



*Dr. Letangule EBS while making his remarks during the launch of **Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions** has noted that KEWI supports a resilient and sustainable industrial future as it will take part in implementation of the report recommendations.*

emphasized the need for industries to play an active role in protecting the water ecosystems they rely on. The report calls for enhanced regulation, investment in modern technologies, improved data systems, and stronger capacity building.

Public-Private Partnerships (PPPs) are emphasized as essential to fostering innovation, resource recovery, and sustainable financing. The

KEWI-KAM collaboration is cited as a model for aligning industrial development with environmental responsibility.

Dr. Letangule concluded by reaffirming KEWI's support for the report's implementation. "Its findings and recommendations will help Kenya meet its NDCs, accelerate climate action in the water and sanitation sectors, and support a resilient and sustainable industrial future."

As Kenya moves toward a green economy, this report is expected to catalyze the shift from wastewater as an environmental burden to a valuable resource for public health, economic opportunity, and climate resilience.



Water 4 Mercy CEO Visits KEWI to Discuss Upscaling Irrigation Training and Strategic Partnerships

BY: SIMON NDEWENI

Nermine Khouzam Rubin, the Founder and Chief Executive Officer of Water 4 Mercy, visited the Kenya Water Institute (KEWI) to initiate discussions on potential joint efforts aimed at enhancing sustainable irrigation practices and student capacity development. The visit focused on identifying actionable pathways to upscale KEWI's existing irrigation demonstration site at Chiakariga, Tharaka Nithi County, and establish long-term partnerships for water-smart agricultural transformation.

The meeting was chaired by the Deputy Director for Research, Consultancy and Technical Services (DDRCTS), Mr. Nelson Kwamini, and attended by the Deputy Director Academic Affairs (DDAA), Mr. Eric Wamiti, and Mr. Simon Ndeweni. Central to the discussions were shared objectives in promoting innovation in irrigation technology, strengthening student skills, and enhancing community resilience through water stewardship.

Ms. Rubin passionately spoke about Water 4 Mercy's commitment to transforming lives through dignified access to water and food. She highlighted the importance of empowering communities and students with water-efficient



From left; Deputy Director for Research, Consultancy and Technical Services, Mr. Nelson Kwamini, Water 4 Mercy CEO, Ms. Nermine Khouzam Rubin, Deputy Director Academic Affairs, Mr. Eric Wamiti, and Mr. Simon Ndeweni after they met for a possible partnership discussion at KEWI Nairobi.

irrigation skills to transition from subsistence and rain-fed agriculture to productive, nutrition-sensitive farming systems. She noted that KEWI's Chiakariga site offers significant potential as a training and demonstration hub for both students and local farmers.

Mr. Eric Wamiti emphasized the immense value such a collaboration would bring in expanding student attachment and internship opportunities. These practical experiences, he noted, would enhance the employability and field-readiness of KEWI graduates. He also welcomed the chance to co-develop practical modules and capacity-building activities in line with KEWI's academic mission.

Mr. Nelson Kwamini pointed out that KEWI already enjoys a strong network of partners and collaborators, both locally and internationally, which could be leveraged to enrich the emerging partnership with Water 4 Mercy. He reaffirmed the Institute's dedication to community-centered training, applied research, and innovations in water and agricultural systems.

The meeting concluded with a mutual agreement to pursue a formal framework for collaboration. Follow-up engagements will focus on co-developing training interventions, resource mobilization strategies, and community outreach programs that can be scaled within and beyond the Chiakariga site.

Strengthening Water Service Delivery through NRW Physical Loss Management



Participants drawn from various water utilities across the country in a group photo shortly after completing a short course training on management of physical water losses as a way of managing the Non-Revenue Water in the country at KEWI, Nairobi.

BY: BRITNEY MOKEIRA

From July 21st to 25th, 2025, technicians representing various Water Service Providers (WSPs) from across the country convened at the Kenya Water Institute (KEWI) for an intensive professional development program focused on the management of physical losses in Non-Revenue Water (NRW).

The five-day training, was designed to equip participants with the theoretical knowledge and practical skills required to identify, measure, and reduce physical water losses in order to improve the performance and sustainability of water in Kenya.

The training commenced with an in-depth introduction to the concept of Non-Revenue Water, which refers to water produced but not billed to customers due to leaks, theft, or metering inaccuracies. Participants were guided through key frameworks such as the water balance model and standard terminologies used in the sector.

This initial session highlighted the significant financial and operational implications of high NRW levels on utilities and underscored why reducing both physical and commercial losses is critical to ensuring sustainable water service

delivery. Through discussions and case studies, technicians were introduced to systematic approaches for diagnosing and addressing losses, including water auditing and error balancing techniques into practical topics such as metering and leak detection. Trainees explored the various types of water meters, their classifications, and proper installation techniques.

They also examined common challenges faced in the field, including illegal connections, meter tampering, and hydrant theft, all of which contribute to water losses. A hands-on exercise using a state of the art meter test bench in the institute allowed

Strengthening Water Service Delivery through NRW Physical Loss Management



Participants follow one of the session during the training on NRW management at KEWI, Nairobi.

participants to apply their learning in real-time, reinforcing the importance of accurate measurement in effective NRW management.

The training further addressed crucial aspects of billing, zoning, and revenue collection, which play an important role in reducing water losses.

By understanding zoning concepts and pressure management techniques, participants gained insights into how proper system design can limit physical losses while improving customer service.

Data collection and analysis were also emphasized, with sessions focused on data validation, accuracy, and formatting to support informed decision-making.

Technological innovations were another major focus of the program. Participants were introduced to smart metering solutions and other digital tools that enhance monitoring and reporting capabilities. Discussions also explored the economic and social dimensions of water service provision, ensuring that trainees appreciated the broader impact of their work on communities and utility performance.

The program concluded with sessions on customer care, public relations, and safety, highlighting the vital role of community engagement in minimizing water losses. An action planning workshop enabled participants to translate their new knowledge into practical

strategies for implementation within their respective utilities. The training wrapped up with evaluations and a certification ceremony, recognizing the achievements of the technicians.

Overall, this program demonstrated the interconnected nature of technical, administrative, and customer-facing strategies in addressing NRW.

By combining theory with practical exercises and technology demonstrations, the training equipped technicians with the skills and tools necessary to reduce physical losses, enhance operational efficiency, and contribute to the long-term financial sustainability of Kenya's water sector.

Kisumu Campus Champions Climate Smart Agriculture for Sustainable Growth at ASK Regional Show



Campus Registrar Mr. Fredrick Otieno (far right) and Office Administrator Ms. Cynthia Murgor (2nd left) with officials of ASK Kisumu Show when they paid a courtesy call in Kisumu Campus

BY: OTIENO FREDRICK

The evolution of climate change into a monumental threat to humanity and subsequent foray into agriculture, water resources, food security, health, and infrastructure development and other facets of national development, continue to raise pertinent questions on the role of academia and research institutions in promoting sustainable growth. Extreme weather events, thawing of ice

sheets and glaciers, unprecedented rise in sea level, disruptions to ecosystems, habitat loss, and threats to biodiversity and food security, are everyday concomitants of climate change that require urgent action. These issues have been addressed in various ways including adoption of climate smart technologies. However, the foregoing efforts remain modest as long as recalibration of the mind is

not achieved and a shift in perception of climate change is not achieved. Scholars posit that climate change should not just be perceived as a future threat but a present day existential threat.

Evidently, for the eons that educational instruction has lasted, the task of championing sustainable growth amid the menacing threat of climate change has grown in complexity. Thus, in addition to climate smart technologies,

Kisumu Campus Champions Climate Smart Agriculture for Sustainable Growth at ASK Regional Show

growing body of evidence associate integration of reflection into climate discourses with positive outcomes on the environment, health, and economy. This trend, it is thought, lies in the potency of song, poetry, and dance to elevate the individual level of engagement at the mind and heart level.



Mr. Otieno addressing participants at the ASK Show, Kisumu before a presentation by the campus students.

It was thus fitting, that the Kenya Water Institute Kisumu Campus, a leading voice for sustainability and a champion of sustainable solutions received an invitation to attend the ground.

Galvanized for action Kisumu Regional ASK Show that took place from 16th July – 20th July 2025 at the Mamboleo show by the compelling need to promote climate smart agriculture and trade initiatives for sustainable economic growth, the fair brought together participants from diverse sectors including financial services, manufacturing, agriculture, education, real estate, hospitality, logistics, energy,

and tourism. It proved to be the ideal setting for reiterating KEWIs mandate and value proposition.

The stage was set with the blaring of melancholic yet insightful tunes by the military in exaltation of the Divine and the nation state. This was followed by a brief narration of the institute's commitments to human capital development, social capital development, innovation and research, and entrepreneurship and how it blends in with the theme of the show. The introduction was accentuated by two presentations: a song emphasizing the significance

of climate smart technologies in advancing health and social well being, and a poem nuanced in a soft soulful tune. The poem in particular was an exemplar of advocacy on climate change and sustainability as it roused the collective conscience of all present to take action in support of climate smart agriculture.

Then came the recession of boots, mellowing of trumpets, lengthening shadows, and shifting energy levels, signaling not only the end of a successful day but the coming to birth of a conscious movement for sustainability.

Unlock your potential through Recognition of Prior Learning (RPL)

BY: ABBIGAE SONGOK

The Kenya Water Institute (KEWI) is proud to introduce the Recognition of Prior Learning (RPL) program, a forward-thinking initiative designed to formally acknowledge the skills and knowledge individuals have gained through practical experience, non-formal training, or informal education. In an increasingly competitive job market, it is not enough to possess skills; one must also be able to demonstrate them. KEWI's RPL program bridges that gap by offering experienced professionals in the water and sanitation sector the opportunity to earn nationally recognized qualifications without having to repeat what they already know.

The RPL process focuses on two critical fields: Plumbing and Pipefitting, and Wastewater Management. These are sectors where many individuals have developed

hands-on skills over years of dedicated service, often without access to formal certification. The program is tailored for those who have learned through doing—those who have worked in the field, solved problems on-site, and developed a deep understanding of their trade through real-world application.

This program is ideal for practicing plumbers, pipefitters, and wastewater operators who have built their expertise through experience but lack formal documentation of their competencies. It is also open to individuals who have received informal or on-the-job training, as well as professionals who wish to strengthen their credentials in order to enhance their career prospects. By participating in the RPL program, these individuals gain an opportunity to transform their practical knowledge into recognized qualifications that align with Kenya's national standards. The benefits of this program are far-reaching. Participants can receive certification for the skills they already possess, opening the door to better employment opportunities, promotions, and increased industry competitiveness. RPL not only supports career development, but also helps individuals build greater self-confidence

and pride in their work. Formal recognition can be a powerful motivator, validating years of effort and contribution in a tangible way.

The RPL initiative is supported by the Kenya National Qualifications Authority (KNQA), which is responsible for harmonizing education, training, assessment, and quality assurance across all sectors in Kenya. Through the Kenya National Qualifications Framework (KNQF), the KNQA recognizes learning acquired outside traditional academic settings, making it an essential partner in the RPL process. This ensures that all qualifications earned through RPL are credible, nationally accepted, and aligned with established quality standards.

With the rollout of this program, KEWI reaffirms its commitment to inclusivity and skills recognition in the water sector. Experience should not be a silent achievement. Through RPL, KEWI offers a platform for skilled professionals to gain the formal recognition they deserve, while also supporting the growth of a qualified and competent workforce for the country.

For more information or to express interest in upcoming cohorts, visit your nearest KEWI campus or contact us through our official website and communication channels.



Water and Sanitation Department Advances Public Sector Reforms Through e-GP Integration and Results-Based Planning

BY: PIUS KIMANI

The Principal Secretary, State Department for Water and Sanitation, Mr. Julius Korir, CBS, convened a sensitization session with all Heads of Departments and technical officers at Maji House, with a focus on enhancing institutional efficiency and accelerating the State Department's transition to digital systems. The session, spearheaded by the Procurement Department, centered on the mandatory rollout of the Electronic Government Procurement (e-GP) platform, beginning with the preparation of the Annual Procurement Plan (APP) for the Financial Year 2025/2026.

In his address, Mr. Korir emphasized the need for alignment between procurement planning and the broader sector priorities, urging departments to ensure timely and accurate entry of procurement data into the e-GP system. He reiterated that the adoption of the digital platform is not only a compliance measure, but a strategic imperative for modernizing public service delivery. The e-GP platform, he noted, is expected to enhance transparency and accountability, eliminate inefficiencies, reduce paperwork, enable real-time tracking of procurement



Mr. Julius Korir, CBS, Principal Secretary, State Department for Water and Sanitation chairing the monthly Heads of Departments meeting at Maji House.

processes, and ultimately improve public confidence in the management of public funds.

This initiative aligns with the National Treasury's directive to fully digitize public procurement systems, as part of wider public sector reforms and the government's ongoing digital transformation agenda. The Ministry of Water and Sanitation remains committed to strengthening internal systems, building the capacity of personnel, and facilitating the seamless implementation of e-GP to enhance efficiency in delivering critical water and sanitation services to citizens.

Following the sensitization session, Mr. Korir chaired the monthly Heads of Departments meeting, bringing together senior leadership and technical teams to review progress and set the strategic direction for the new financial year. The meeting agenda included a

review of budget absorption for the Financial Year 2024/2025, with a strong call for improved utilization of allocated resources in the coming year. Discussions also addressed the advancement of the National Sanitation Management Policy, which seeks to scale up access to safe sanitation and hygiene services across the country.

In line with directives from the Chief of Staff and Head of Public Service, the meeting also evaluated the implementation of the Zero Fault Audit framework—an accountability initiative aimed at entrenching integrity in public financial management. Departments were further tasked with setting performance targets for the 2025/26 financial year to support effective service delivery, infrastructure development, and policy execution.

Mr. Korir emphasized the importance of results-based management, collaboration across departments, and the timely execution of flagship programs. He called on all heads to work cohesively in delivering on their mandates, meeting the expectations of Kenyans, and upholding the trust of development partners.

KEWI Teams Gear Up for Inter-Campus Competition with Determination and High Spirits



Ekure Martin, Student Sports Representative agrees that the upcoming weekend inter-campus fixtures will help in selection of a competitive team that will fly the KEWI flag during the Kenya Technical Institutions Sports Association (KETISA) games slated for next month at Kenya Institute of Highways and Building Technology (KIHBT), Kisii Campus.

BY: FAITH TAUNET

“Keep your eyes on the stars and your feet on the ground.”
—Theodore Roosevelt

As the much-anticipated inter-campus sports competition kicks off this Saturday, the Kenya Water Institute (KEWI) teams are entering the arena with a renewed sense of purpose, focus, and unity. From the basketball court to the football pitch and volleyball nets, KEWI

athletes are ready to showcase their talent and bring glory back home.

According to Ekure Martin Student Sports Representative and Diploma student in Water Engineering, KEWI teams have been diligently preparing for weeks.

"We've had intensive training sessions from 4:00pm to 6:30pm every day, involving drills, fitness

routines, and game simulations," they said.

The students have also participated in at least three friendly matches, using them as a benchmark to refine their strategies and boost competitiveness.

The preparation has not been a solo journey. The KEWI management and sports department have played a crucial role in equipping the teams with the necessary sports

KEWI Teams Gear Up for Inter-Campus Competition with Determination and High Spirits



Chiakariga Campus students during one of the friendlies.

gear and financial backing.

“The administration, especially the Dean of Students, has shown unwavering support. His presence during competitions and facilitation of friendly matches has been a great source of motivation,” the representative added.

KEWI’s strategy hinges on collaboration and innovation. Regular captain meetings help design and implement new game techniques, which are then passed down during training sessions.

“We evaluate our strengths and weaknesses during friendly games to adjust our approach. The players are self-driven and very focused; the morale is high,” the representative noted.

Handling competition pressure is part of the training.

Players begin games with warm-up runs and breathing exercises to stay calm and sharp. What truly drives them, however, is the sense of responsibility in representing KEWI and the desire to make their institution proud.

In the last inter-school competition, KEWI had commendable results. The men's and women's basketball teams reached the semi-finals, the volleyball team was a finalist, and the netball ladies secured third place.

“This year, our target is clear, to reach the finals and bring trophies home.”

Among KEWI’s fiercest rivals are National Industrial Training Authority (NITA) Nairobi and National Youth Service (NYS), both of whom have provided stiff competition in the past.

Despite facing challenges such as limited staff support and a lack of first aid kits during matches, the team remains resilient.

“We often only have one staff member, Mr. Feisal Hassan Principal Registrar Student Welfare, handling all coordination, which is tough. We hope to have more staff on board this time.”

The players have also learned to juggle academics and sports effectively.

“When it's class time, we focus on studies. After that, we train. It’s all about discipline and proper time management.”

As they head into this weekend’s competition, the team has a message for fellow students:

“Sports is a powerful platform. It can open doors for employment and growth. Join, support, and cheer us on.”

For the KEWI teams, a win would be more than just a trophy.

“It would be a symbol of hard work, unity, and achievement. Winning boosts our confidence and proves that all the effort was worth it.”

As the countdown begins, KEWI stands ready, not just to compete, but to conquer.

Round up of The Week's Events

PICTORIAL



Dr. Catherine Wangeci Kariuki, Chairperson, Rongo University Council with a section of KEWI management led by Director/CEO Dr. Leiro Letangule EBS, when she paid him a courtesy visit at his office.



Moments during the training of Technical Department staff from water utilities on management of physical water losses as an intervention on management of Non-Revenue Water (NRW).

Round up of The Week's Events

PICTORIAL



Moments during the launching of the Industrial Report on Kenya's Preparedness to Reduce Greenhouse Gas Emissions at Movenpick Hotel, Nairobi.

Picture of The Week



BREAKING NEWS

Mercy Maina and Rachel Resiato have officially shut down Baringo County with a fashion-forward forest takeover!

Straight from the Electronic Government Procurement (eGP) Training Program class and into the pages of *Vogue: Tree Edition*, these Supply Chain Management sirens turned the Kenya School of Government, Baringo Campus into their official runway for “Procurement Meets Photosynthesis!” Competition.

Ditching the spreadsheets, the duo grabbed some seedlings, holding them like the just won coveted prizes and gave us “model-off-duty meets Mother Nature” realness!, posing like they just bagged the *Miss Environmental Conservation Universe 2025* crown.

With their glasses gleaming, and confidence blazing – you’d swear they photosynthesized the trees themselves. Who knew procurement professionals could double as climate queens and slay soil in heels (emotionally, of course)?!

If style could grow forests, Kenya would hit 15 billion trees by lunchtime.

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 CICT	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 **29th 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.



MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

Renewable Energy for Water Supply and Treatment

Renewable Solutions For Water Evolution!

TARGET AUDIENCE:

- Water utility providers
- Water infrastructure developers
- Project Managers
- Government policy makers

CONTACT US:

- 📞 0722207757
- ✉️ shortcourses@kewi.or.ke
- 📍 @Kewikenya
- 📱 Kenya Water Institute

📅 25th to 29th August
🌐 scan the QR code to register



MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

Water Quality Data Management

TARGET AUDIENCE

- ✓ Water utility Managers
- ✓ Public Health officers
- ✓ Data analysts in water resources

Manage Water Quality with Precision!

📅 11th to 15th August
🌐 scan the QR code to register

CONTACT US:

- 📞 0722207757
- ✉️ shortcourses@kewi.or.ke
- 📍 @Kewikenya
- 📱 Kenya Water Institute



MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

ENERGY DATA MANAGEMENT IN WATER SUPPLY

Illuminate The Future, Save Energy, Spark Change

Target Audience:

- Facility Managers
- Engineers
- Plumbers
- Technicians

📅 Date:
25th August - 29th September

🌐 Register:
scan the QR code to register

Contact Information

- 📞 0722207757
- ✉️ shortcourses@kewi.or.ke
- 📍 @Kewikenya
- 📱 Kenya Water Institute



For more information and how to apply, scan the QR Codes on the posters.

CALL FOR TRAINING



MINISTRY OF WATER SANITATION AND IRRIGATION
KENYA WATER INSTITUTE

Water Quality Sampling and Testing Course

Venue: Kenya Water Institute

Date: From 28th July to 1st August 2025

Cost: KES. 30,000



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Venue: Kenya Water Institute, Nairobi Campus

Date: 4th - 8th August 2025

Cost: Kshs 45,000/=



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MINISTRY OF WATER, SANITATION & IRRIGATION
KENYA WATER INSTITUTE

ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

The sustainable compass for a greener tomorrow

Target Audience

- Project Managers
- Government Agencies
- Urban Planners

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📅 25th August - 3rd September 2025

🌐 scan the QR code to register

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📘 Kenya Water Institute



50,000 ksh

Quote of the Week

"Success is best when it's shared – and even sweeter when achieved together." – Howard Schultz

EDITORIAL TEAM

Editor

Dorine Eva Irungu

Writers:

Pius Kimani
Britney Mokeira
Abbigael Songok
Faith Taunet
Simon Ndeweni
Otieno Fredrick

Photographer/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
 Drilling Operations and Management
 Water Quality Sampling and Testing
 Microbiological Water Quality Assessment
 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
Website: www.kewi.go.ke

For enquiries about our TVET programs
Contact the Registrar, Admissions Office.
Phone: 0735339206
Email: admissions@kewi.or.ke

KEWI Nairobi Campus
P.O. BOX 60013 – 00200
Tel: 0722207757
Email: info@kewi.or.ke

KEWI Chiakariga Campus
P.O. BOX 12 – 60215
Tel: 0729009104
Email: chiakariga@kewi.or.ke

KEWI Kitui Campus
P.O. BOX 1514 – 90200
Tel: 0707566395
Email: kitui@kewi.or.ke

KEWI Kisumu Campus
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Tel: 0746212708
Email: kisumu@kewi.or.ke

OTHER SERVICES OFFERED

Water Quality Laboratory Services
Drilling and Test Pumping Services
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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