Volume 3 Issue 10

REPUBLIC OF KENYA

KENYA WATER INSTITUTE KEWI Fountain Of Water Knowledge

WEEKLY Newsletter

March 15 – March 21 2025

Director Promises Continued Support to Chiakariga Campus as He Unveils a New Principal

Newly unveiled Chiakariga Campus Principal Eng. Justus Wersongur shakes hands with the outgoing principal Mr. Paul Rarieya as KEWI CEO Dr. Leiro Letangule EBS and Deputy Director Academic Affairs Mr. Eric Wamiti clap in appreciation.

BY: BRITNEY MOKEIRA & KORIR KIPKIRUI

The Kenya Water Institute (KEWI) CEO/ Director Dr. Leiro Letangule, EBS has promised to support the Chiakariga Campus staff in achieving milestones at the campus, emphasizing that challenges would be continuously addressed to ensure that the institution stands out.

While presiding over the official unveiling of Eng. Justus Wersongur as the new Campus Principal, the director has rallied the staff to enhance their professional development through research and consultancy, emphasizing key points that underline the institution's commitment to supporting both staff and the campus.

"We are committed to inspiring hope among the staff and

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Director Promises Continued Support to Chiakariga Campus as He Unveils a New Principal

Dr. Letangule addresses Chiakariga Campus staff during the unveiling of the new principal.

achieving the set outputs and targets by the end of the financial year," he said, reinforcing the institution's goals for continuous progress.

Dr. Letangule, while urging the staff to produce more research papers, has also encouraged and emphasized the importance of outreach programs, stating that such initiatives not only contribute to the development of the staff but also serve to elevate the institution's standing.

"The institution is ready to give all support. We should be purpose-driven," he said, stressing the importance of aligning personal goals with the overall vision of KEWI.

Looking ahead to the new financial year, the director mentioned that the institution would initiate staff promotions through a fair and accountable process, ensuring that the growth and development of all staff members are recognized. He also discussed the ongoing staff reorganization, and the staff transfer policy, noting that there is growth in movements within the institution, which contributes to professional development.

In introducing Eng. Justus Wersongur as the new Principal, the director highlighted Eng. Wersongur's outstanding qualities, describing him as a hardworking team leader who will undoubtedly elevate Chiakariga Campus to new heights. His leadership, the director believes, will be key in transitioning the campus to even greater success.

Eng. Wersongur, in his own speech, expressed his readiness to work for the campus, ensuring the support of students and staff alike. He promised to maintain an open-door policy, allowing for ongoing interaction with staff, students, and the surrounding community.

"I am ready to work for the campus, give students support, and maintain an open-door policy to interact with staff, students, and the community," Eng. Wersongur stated, emphasizing his commitment to fostering collaboration and openness.

Mr. Eric Wamiti, the Deputy Director, Academic Affairs, urged the staff to extend their full support to Eng. Wersongur as he transitions into his new role. Mr. Wamiti's remarks underscored the importance of unity and cooperation within the institution as it moves toward its future goals.

The event also saw the outgoing Principal, Mr. Paul Rarieya, pass the baton to Eng. Wersongur. In his parting speech, Mr. Rarieya thanked the institution for its support during his tenure and assured Eng. Wersongur that the staff at Chiakariga Campus were cooperative and ready to assist him in settling into his new role.

Director Promises Continued Support to Chiakariga Campus as He Unveils a New Principal

As the institution looks forward to the next chapter under Eng. Wersongur's leadership, the director's address and the encouraging words from both Eng. Wersongur and Mr. Rarieya set a strong tone for teamwork, development, and continued excellence at KEWI Chiakariga Campus. The promises made regarding staff support, research, outreach programs, and the fair process for staff promotions have set clear expectations for a productive and successful year ahead.

Eng. Justus Wersongur gives his inaugural address as the new Chiakariga Campus Principal shortly after he was unveiled by the CEO. He takes over from Mr. Paul Rarieya.

Who is Mr. Justus Wersongur?

A water and water resources and wastewater expert/ researcher, Eng. Justus Wersongur, is a trained water and sanitation engineer with more than 10 years of experience.

He has a proven track record in wastewater and drinking water treatment and facility structural designs using AutoCAD.

He is an Environmental Impact Assessment Specialist, has competencies in site and office workforce management, is a Geographic Information System (GIS) and survey expert, and is an environmental and sanitation-related industries enthusiast.

He further trades his expertise as a project and report writer specializing in engineering and environmental topics.

Eng. Wersongur, whose humble career life was shaped back in Homa Bay Boys High School, has risen through the ranks from a family shop salesperson in the early 2000s to being the immediate Head of Department, Water and Wastewater Engineering Department at the institute where he has rendered his knowledge for almost a decade.

The Water and Water Resource Engineer has, during his career, worked as an Assistant Site Engineer with the Athi Water Service Board, a Student Engineer with the Nairobi Water and Sewerage Company, and a Student Engineer at the Kenyatta University Maintenance Department.

He is a holder of a Master of Science in Water Resources from Masinde Muliro University of Science and Technology and a Bachelor of Science in Water Engineering from Kenyatta University.

His motivation

"As a water, water resources, and wastewater expert with interests in research and training, I have dedicated my career to improving the WASH outcome through knowledge sharing and dissemination in the global water sector. As a water engineer, I similarly engage in the design, research, and consultancy for the betterment of the water infrastructure for safe water and sustainability, and this is the career path that I seek to grow through linkages, partnerships, and knowledge sharing."

World Water Day 2025; Glacier Preservation

Ice sheets as observed at the peak of Mt. Kenya. Scientists fear that as soon as 2030, the mountain could become one of the first to turn entirely ice-free in modern times due to vagaries of climate change.

BY: BRITNEY MOKEIRA

Each year, Kenya joins the rest of the world in marking and commemorating the World Water Day. With this year's celebrations taking place in Laikipia County, preferably because of its proximity to Mt. Kenya, one of the only mountains on the African continent with glaciers, several activities have been lined up to mark the day. A water project will be put up at St Joseph Tigithi Boys High School where the celebrations will be held. The project will help increase water availability and accessibility. Other activities include putting up a sanitation facility, exhibiting model farm demonstrations, planting trees among others.

As the world prepares to commemorate World Water Day on March 22, 2025, the theme, **"Glacier Preservation,"** comes as a timely and urgent reminder of the need to protect the planet's most fragile and vital freshwater sources. Glaciers, often viewed as distant icy landscapes, are in fact lifelines for millions of people. They store vast quantities of freshwater, regulate climate, and serve as sensitive indicators of environmental health. As global temperatures rise due to climate change, these frozen giants are melting at alarming rates—putting water security, ecosystems, and communities at risk.

Glaciers cover about 10% of the Earth's land surface and hold nearly 70% of the world's freshwater. They act as natural reservoirs, gradually releasing meltwater that feeds rivers, supports agriculture, and sustains ecosystems, particularly during dry seasons. Their reflective surfaces also help regulate the Earth's temperature by bouncing solar radiation back into space. However, rising global temperatures—mainly driven by human activities since the Industrial Revolution—have led to unprecedented glacier retreat, reshaping landscapes and threatening long-term water availability.

In Kenya, the impact of glacial melt is becoming increasingly evident, especially on Mount Kenya, where

World Water Day 2025; Glacier Preservation

glaciers have dramatically shrunk in recent decades. The disappearing ice threatens water supplies for communities and ecosystems downstream, making glacier preservation a national concern. In response, local and regional initiatives are focusing on improving water infrastructure, enhancing governance, and promoting inclusive dialogue among stakeholders to ensure equitable access to water resources.

A key part of this solution lies in education and capacity building, particularly through institutions like the Kenya Water Institute (KEWI). KEWI's Water Resource and Environmental Management programs equip students and professionals with the knowledge and skills needed to sustainably manage water systems in the face of climate change.

These programs emphasize data collection, hydrological monitoring, watershed management, and climate adaptation strategies—critical tools for tracking glacier melt, forecasting water availability, and formulating policies that protect vulnerable ecosystems. Graduates from KEWI play a crucial role in implementing conservation techniques, advising communities, and influencing national water policy with a sustainability-first mindset.

The global urgency of glacier preservation is further reinforced by the United Nations' designation of 2025 as the International Year of Glacier Preservation. This initiative highlights the importance of supporting climate services and scientific research in mountainous regions, where glaciers serve as essential sources of freshwater and ecosystem services for billions of people. It calls for nations to prioritize the health of cryospheric systems and to invest in sustainable development strategies that reduce dependency on melting glaciers.

Preserving glaciers requires immediate action. The most effective method remains reducing greenhouse gas emissions to slow global warming. Other techniques include the use of insulating blankets to reduce surface melting, the creation of artificial glaciers like ice stupas to store water during dry months, and the establishment of glacier protection zones to safeguard these delicate environments from human interference. While these methods offer localized relief, global cooperation and education are essential to ensure long-term success.

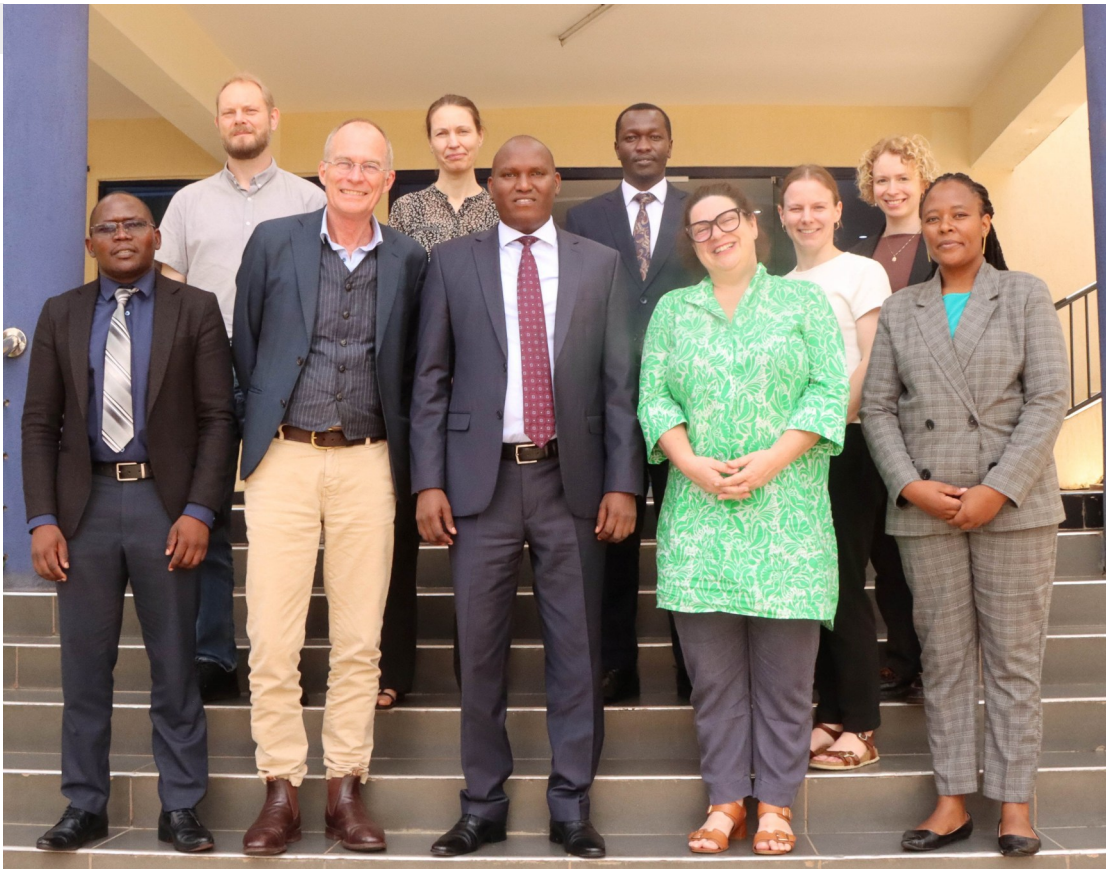
The reasons for glacier preservation are compelling. Glaciers serve as continuous sources of freshwater, particularly during dry spells, making them vital for human survival and agricultural productivity. They support biodiversity by maintaining stream habitats and influencing downstream temperatures. Without them, many rivers would run dry, ecosystems would collapse, and millions could face water shortages.

World Water Day 2025 presents a pivotal moment to reflect on the interconnectedness of water, climate, and life. Preserving glaciers is not just about saving ice—it's about securing the future. Through improved governance, global cooperation, and bold climate action, we can protect these melting giants and ensure water sustainability for generations to come. Preserving glaciers is preserving life

Securing Kenya's Future Development through Sustainable Groundwater Management

BY: PIUS KIMANI

The institute's dominance as a powerhouse and leader in offering consultancy and technical services to the wider water sector in Kenya and the region has been approved again. This is as the institute is set to participate and be part of the team that will spearhead the implementation of a pilot project on how to improve water resources management, with a focus on Nature-based Solutions (NbS) for climate resilience and sustainable development.



KEWI and Danish Embassy officials pose for a group photo after meeting at KEWI Headquarters to discuss on the involvement of KEWI in a project on Sustainable Groundwater Management spearhead by Kenya and Denmark Governments under the Kenya-Danish Strategic Sector Cooperation on Water.

This follows a consultative meeting with officials from the Danish Embassy, and where the talks centred on possible collaborations in a Strategic Sector Cooperation (SSC) on Nature-based Solutions for Resilient Groundwater. Kenya Water Institute (KEWI) collaboration and involvement will be timely due to its rich contribution in mapping, modelling, and monitoring of water resources in the country through its dedicated team of experts.

The Kenya-Danish Strategic Sector Cooperation on Water, initiated in 2023 and signed in 2024 by Cabinet Secretary, Ministry of Water, Sanitation, and Irrigation Mugaa Murithi Eric and his Danish counterpart Magnus Heunicke, seeks to improve water resources management, with a focus on Nature-based Solutions (NbS) for climate resilience and sustainable development.

The first phase of the 10-year program is intended to be rolled out and implemented between 2025 and 2027 and will be piloted in Turkana, Laikipia, and Nairobi counties, as these varied geographical areas represent three sub-catchments, i.e., arid area, agriculture/water tower area, and urban area, and are all perfect for the purpose of allowing the final product to be adaptable to all of Kenya.

With climate change exacerbating the challenges of providing access to safe water and Kenya technically classified as a "water scarce" country, lack of access to safe and sufficient drinking water will always affect the poorest of the poor to the largest extent, also offering a significant

Securing Kenya's Future Development through Sustainable Groundwater Management

barrier for their development both in terms of health, economy, gender equality, education, and overall livelihood security. The effects of climate change increase all of the above.

However, a short reprieve is provided by rational heavy rains and flash floods, a situation occasioned by the temperatures rising. Under such conditions, much of the water that is available ends up polluted or wasted.

With only about 15 percent of Kenya's water resources easily accessible, and the majority of that being surface water, most regions in the country are left to rely on groundwater resources as their primary source of water, with some counties, such as Turkana, fully depending on groundwater.

With different estimates groundwater recharge levels reported, there is a substantial opportunity to abstract substantial groundwater for enhancing water supply provision. The projected demands for 2030 and for 2050 are about 80% of the available (ground)water.

With this reality, the need to enhance the groundwater quality and quantity in Kenya with a focus on securing a safe and sustainable groundwater-based drinking water resource for current and future generations is imperative.

Ms. Christina Anderskov from Danish Embassy makes a comment during the KEWI-Danish Embassy meeting at KEWI Headquarters.

Denmark's partnership with Kenya on water through the government-to-government partnership will help give a solution to a problem that has persisted for long and whose negative impact has had far-reaching consequences.

The program seeks to establish a system for groundwater mapping and assessment with efficient data techniques, improve climate-resilient ecosystem services of 1-3 sub-catchment areas to enhance water supply quality and quantity from groundwater by application of nature-based solutions (NbS) and building capacity on pollution risk mapping, and improve the awareness of Danish technical and regulative sustainable groundwater strongholds and integrate them into both academic institutions and public authorities in Kenya.

Denmark, a world leader in groundwater management and with developed state-of-the-art technologies such as t-TEM and s-TEM, databases, and monitoring systems, will support Kenya in its groundwater endeavor, ensuring its long-term sustainability.

With both nations showing a strong commitment, which was very evident during the fact-finding missions to Kenya in 2023-2024 by the Danish representatives and a similar high-level delegation from Kenya to Denmark in April 2024 led by the Ministry of

Securing Kenya's Future Development through Sustainable Groundwater Management

Water, Sanitation, and Irrigation, and which culminated in the signing and launching of the Danish Strategic Sector Cooperation (SSC) on Water, it's evident that the outcomes of the pilot phase will help roll over the gains to other areas in the country.

This, facilitated by the partnerships between the Danish private sector, think tanks, and financing institutions, will further help in identifying opportunities for climate-smart solutions and financing in Kenya's water sector.

Eng. Justus Wersongur from KEWI makes a comment during the KEWI-Danish Embassy meeting at KEWI Headquarters.

The first phase will see the formation of the technical working group between Denmark and Kenya's core partners, who, apart from the institute and the Ministry, include other stakeholders like the Water Resources Authority (WRA), National Environmental Management Authority (NEMA), Nairobi River Commission (NRC), University of Nairobi (UoN), and Ministry of Water Services, Turkana County Government, among others.

The team will assess and map the current nature-based solutions activities, compile a selection of nature-based solutions, assess other non-NbS and other relevant Managed Aquifer Recharge (MAR) technologies, assess the current sub-catchment restoration catchment plans, develop a catalogue of existing and selected relevant national and international best practices for NbS, and present the catalogue for further action.

As the ministry shifts its focus more on the groundwater resource, a robust legal framework, supported by a comprehensive institutional framework, is already in place in Kenya to help make the implementation of the project easy and seamless. These interventions include, amongst others, the 2010 Constitution of Kenya, the 2016 Water Act, the National Water Policy, the National Water and Sanitation Strategy (NWSS) 2020-2025, the Climate Change Act (2016), and the 2023 National Water and Sanitation Investment Plan for 2022–2030 (NAWASIP).

These, coupled with capacity building in sustainable groundwater management in Kenya, especially at a local/ county level, as groundwater is simply essential for the future social and economic development of the country, will have tackled one of the modern-day problems when it comes to addressing the provision of this scarce commodity to all Kenyans.

New Frontiers for Student Placement at Kisumu Campus

Kisumu Campus, Principal Dr. Emily Chepkoech (3rd from right) pose for a group photo with other officials when they paid a courtesy call to the Vihiga County Chief Officer for Water and sanitation Dr. Noel Malanda (next to her). Others are (from left Mr. Otieno Fredrick - Registrar, Eng. Evelyn Orwa, Mr. Godfrey Esapaya - Luanda Subcounty Water Officer, Eng. Kennedy Olang, Ms. Nelly Naserian, and Mr. Erick Omondi.

BY: OTIENO FREDRICK

In an unprecedented win for the Kenya Water Institute, representatives of Kisumu Campus led by the Principal Dr. Emily Chepkoech held a consultative meeting with the Director of Horizon Aqua Water Bottling Company on Monday 17th March 2025. The pursuit and ratification of new partnerships were idealized and identified as areas of mutual interest as both parties agreed in principle to escalate efforts to enhance internships and attachments for Kisumu campus students. The discussions were progressed two days later with a reconnaissance tour of the facility located at Musasa, along Kaimosi – Kapsabet highway conveniently situated near the Nganyi and Kaimosi forests in the pristine landscapes of Vihiga County punctuated by lush, green landscapes and rolling hills, rivers, and springs.

The visit was undertaken to assess the scope of learning that is possible and the opportunities available at the facility.

The plant, an ultra modern facility deploys advanced filtration technologies to produce clean water which is subsequently bottled and supplied to stores across Kakamega, Vihiga and surrounding counties. The visit provided a platform for exploring new opportunities in

New Frontiers for Student Placement at Kisumu Campus

A water purification plant at Horizon Aqua Water Bottling Company ,Vihiga County.

water treatment, processing, and bottling and provided a rationale for renewed focus on the business side of water resources management. The staff, drawn from academic departments engaged the management of the plant on areas of improvement while acknowledging the efficiency of plant operations as evidenced by effective internal controls and processes.

The team from KEWI was taken through the purification process begins with abstraction of raw water from a borehole 150 m deep, then proceeds to pretreatment using chlorine. The water is then passed through several filters including iron media to remove traces of iron observed in the prior analysis, and activated carbon media to dechlorinate. Other processes involve sediment filtration for removal of suspended solids and color, and addition of pH plus in readiness for nanofiltration. The process then proceeds to ultrafiltration using state of the art 0.002 µm PVDC filters and culminates in reverse osmosis machine for high level nanofiltration effectively achieving TDS values in the range of 1-3. Ultraviolet treatment and ozonation are further applied to enhance water quality and improve taste before storage in the purified water tank.

The Director of the plant, Dr. Mary Azegele extended a warm welcome to faculty staff and reaffirmed her support for student attachment, internship, work study programs, and employment opportunities as the Principal thanked the facility for the warm reception and the commitment to extend exit programs to KEWI students.

Later in the day, the team paid a courtesy call to the Vihiga County Chief officer for Water and sanitation Dr. Noel Malanda. Under the leadership of Dr. Emily Chepkoech, the institute acknowledged sustained efforts to expand Water and Sanitation services across the county and in particular, lauded the county leadership for the recently completed Kaila Community Climate Change Resilience Water Project. The Chief Officer used the occasion to formally invite the institute to the County World Water Day Celebrations in Luanda later in the week.

A Roadmap for Excellence: Setting KEWI's Ambitious Sights through Kenya Water Strategic Plan 2023-2027

The administration block at KEWI, Kitui. KEWI's revised strategic plan provides a well-structured and realistic approach to achieving KEWI's vision of enhancing its impact and relevance in the industry while addressing the key challenges that have hindered progress.

BY: FAITH GENESIS TAUNET

The Kenya Water Institute (KEWI) has outlined an ambitious roadmap in its 2023-2027 Strategic Plan, aiming to establish itself as a technical centre of excellence in training, research, innovation, and consultancy within the water, sanitation, and irrigation sectors. This plan serves as a crucial guide for KEWI's initiatives to enhance its impact and relevance in the industry while addressing the key challenges that have hindered progress.

Since the launch of the previous strategic plan (2021-2026), KEWI has made significant strides in various areas. The institute has strengthened partnerships, mobilized resources, and improved staff capacity, leading to several key achievements. Accreditation by the Technical and Vocational Education and Training Authority (TVETA) has enhanced the credibility and quality of its training programs. KEWI has also developed and implemented a Competency-Based Education and Training (CBET) curriculum, ensuring that its educational offerings align with industry needs.

Additionally, outreach programs have been expanded to target youth and women, improving access to water and sanitation education. Collaborations for research and training have also been reinforced, fostering innovation within the water sector.

A midterm review of the current plan assessed its alignment with implementation objectives and government policies, including the Medium-Term Plan IV (MTP IV) and the Bottom-Up Economic Transformation Agenda (BETA). As a result of this review, several adjustments have been made. The resource allocation was revised from Ksh 38.07 billion to Ksh5.9 billion to align with available resources. KEWI also refined its Key Result Areas (KRAs) to focus on access to training, the quality and relevance of training, research and innovation, sustainability, customer experience, and institutional strengthening.

A Roadmap for Excellence: Setting KEWI's Ambitious Sights through Kenya Water Strategic Plan 2023-2027

The Irrigation Block at Chiakariga Campus. KEWI is keen on its infrastructural expansion and modernization plan.

Moreover, efforts are now directed toward transitioning KEWI into a recognized centre of excellence, especially in light of the anticipated repeal of the KEWI Act No.11 of 2001.

Despite these achievements, KEWI faces several challenges. Limited visibility of some programs has affected student enrolment, while infrastructure constraints, particularly in campuses, have made it difficult to accommodate the rising number of students. Insufficient funding has also posed a challenge, as the need for continuous professional development and training resources exceeds current financial allocations. Additionally, competition from other TVET institutions offering similar courses has intensified, requiring KEWI to differentiate its programs. The evolving demands of the water sector also present skill gaps that necessitate regular updates to the curriculum and enhanced training approaches.

However, these challenges present opportunities for growth. The increasing enrolment numbers reflect a growing interest in water and sanitation training, highlighting KEWI's crucial role in addressing national water sector needs. Strengthening partnerships, enhancing program visibility, and leveraging government support can help KEWI overcome existing barriers and expand its influence.

The revised strategic plan provides a well-structured and realistic approach to achieving KEWI's vision. By prioritizing access to training, quality education, research, sustainability, and institutional growth, the institute is positioning itself as a leading player in Kenya's water sector transformation. With a strong commitment to innovation and collaboration, KEWI is set to shape the future of water management in Kenya, ensuring a sustainable and efficient system for future generations.

MAY 2025 INTAKE

REPUBLIC OF KENYA

MINISTRY OF WATER, SANITATION & IRRIGATION

KENYA WATER INSTITUTE

KENYA WATER INSTITUTE INVITES APPLICATIONS FOR ADMISSION

Kenya Water Institute invites applications for May 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)** 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

MAY 2025 INTAKE

10. Certificate in Wastewater andSanitation Engineering Technology (CWSET) **11. Certificate in Water laboratory Technology (CWLT)**	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 acceptable Qualification by KNQA	Two years	Nairobi	Kshs. 30,000
13. Plumbing and Pipe Fitting (PPF) **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 WaterTechnician, Water Resource Management,Water Engineering, Mechanical Engineering) OR c) Industry Practice as a Drilling Technicianof 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 not later than **30th April 2025.** Attach photocopies of Academic Certificates, National ID card and original application fee receipt.

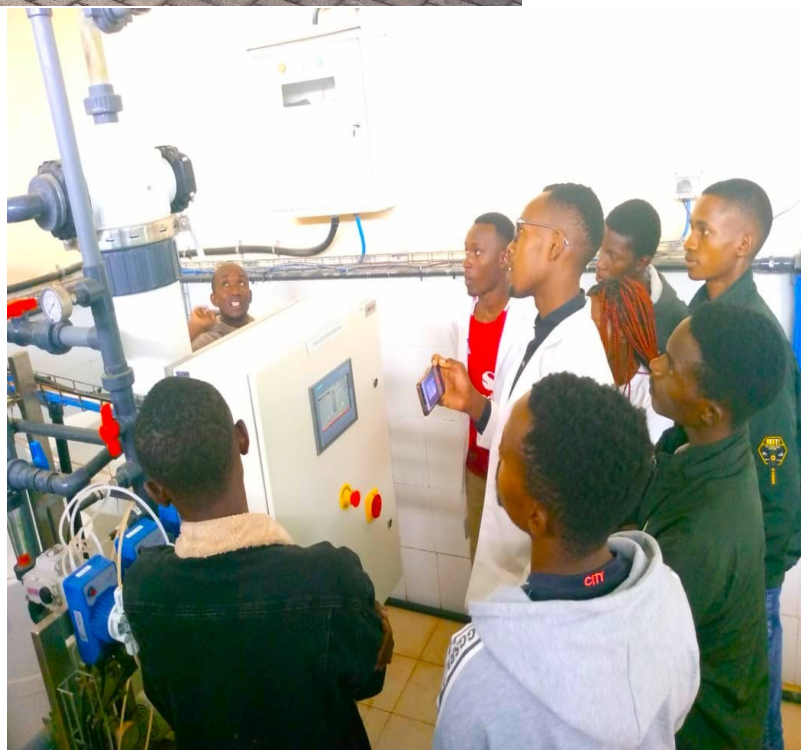
Foreign students to add 20% on all charges. For enquiries: Nairobi - 0722 207 757, 0735339206, Chiakariga – 0729009104, Kitui 0707 566 395

Persons with disability and female students are encouraged to apply.

Environmental Impact Assessment (EIA) &Environmental Audit (EA) Training

Pictures of the Week

Diploma and Certificate students from Chiakariga Campus during a tour at Meru Water and Sewerage Company.



Quote of the Week

"We must adjust to changing times and still hold to unchanging principles." **— Jimmy Carter**

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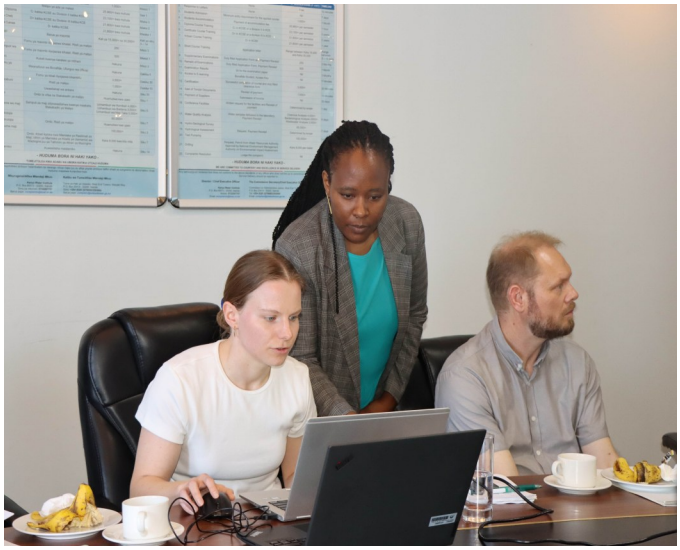
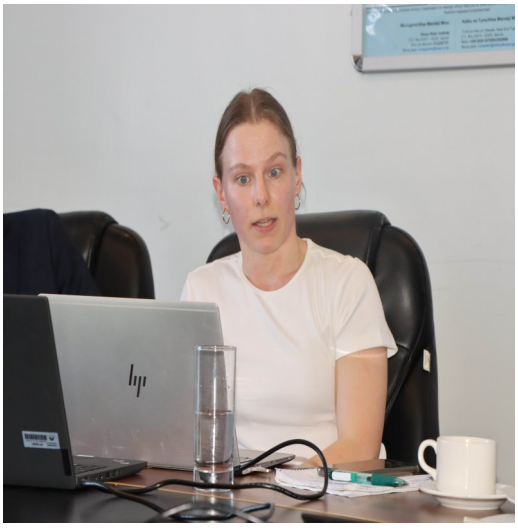
Round up of The Week's Events

Moments during the unveiling of the new Chiakariga Campus Principal.

Round up of The Week's Events





Moments during the meeting between KEWI and Danish Embassy to discuss on areas of collaboration on an upcoming project on Sustainable Groundwater Management.

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 (DWRTM)
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 (CWLT)
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

T o 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

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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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