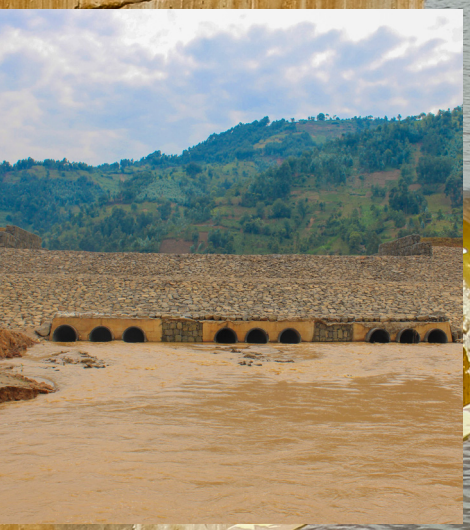
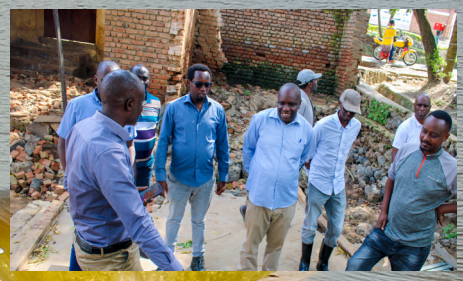
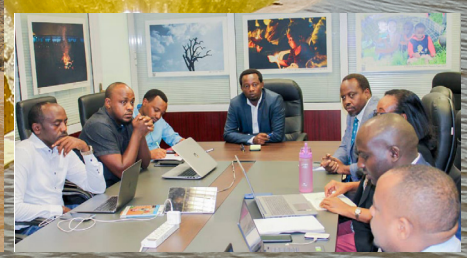
RWB
Rwanda Water Resources Board

RWANDA WATER RESOURCES BOARD

NEWSLETTER JULY EDITION







INSIDE THIS EDITION

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FORWARD

Dear esteemed Partners and readers,
Rwanda Water Resources Board is delighted to share with you, its July edition newsletter which entails different activities and achievements we celebrated last month.

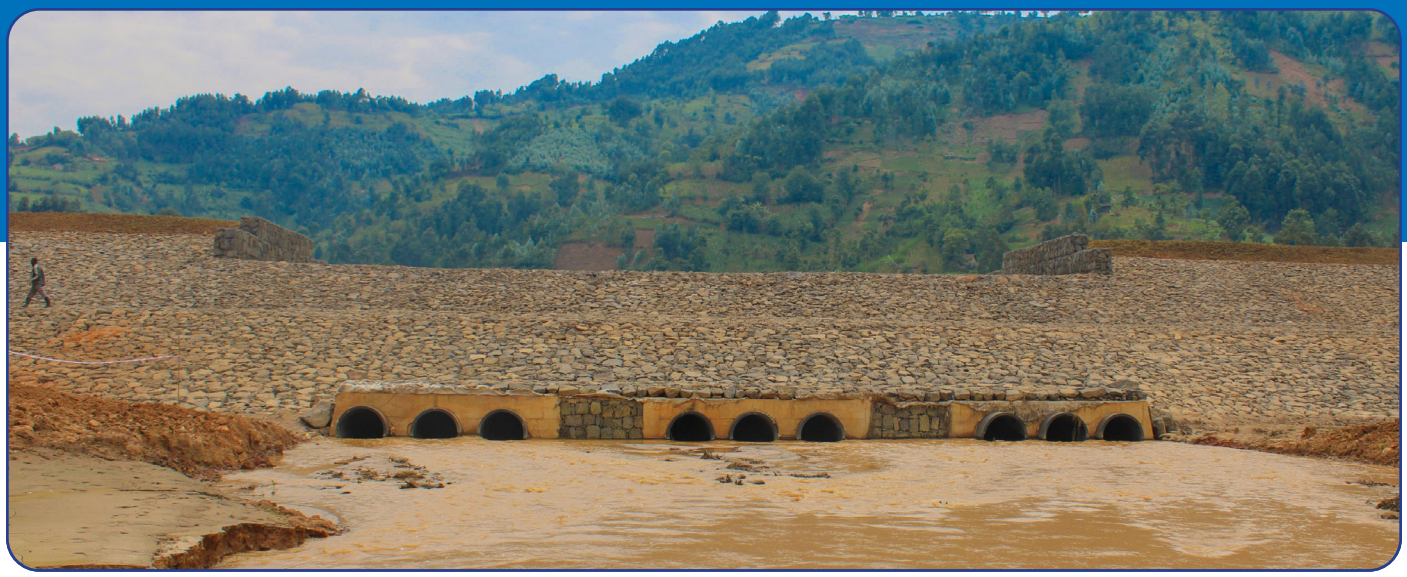
In this edition, we are proud to announce the successful completion of the Sebeya retention dam, a crucial infrastructure project aimed at mitigating the hazards posed by the Sebeya River.

We also conducted a technical assessment to identify flood hotspots along Sebeya River as well as mapping high-risk zone areas, as a move to mitigate and prevent future hazardous floods.

Together with different partners, We also looked together at how to the maintain all activities implemented through the Integrated Water Resources Management Programme (IWRM) in Ngororero, Nyabihu, Rutsiro and Rubavu Districts.

Dear readers, delve into the newsletter and explore the significant strides we have made together. Your support and dedication are integral to our shared mission of safeguarding lives and enhancing the well-being of communities through effective water resource management.

DR. EMMANUEL RUKUNDO
DIRECTOR GENERAL



SEBEYA RETENTION DAM COMPLETED

10th July: The Sebeya retention dam was completed in the Kanama Sector, Rubavu District. This dam serves as one of the solutions to mitigate the impact of hazardous flooding of the river.

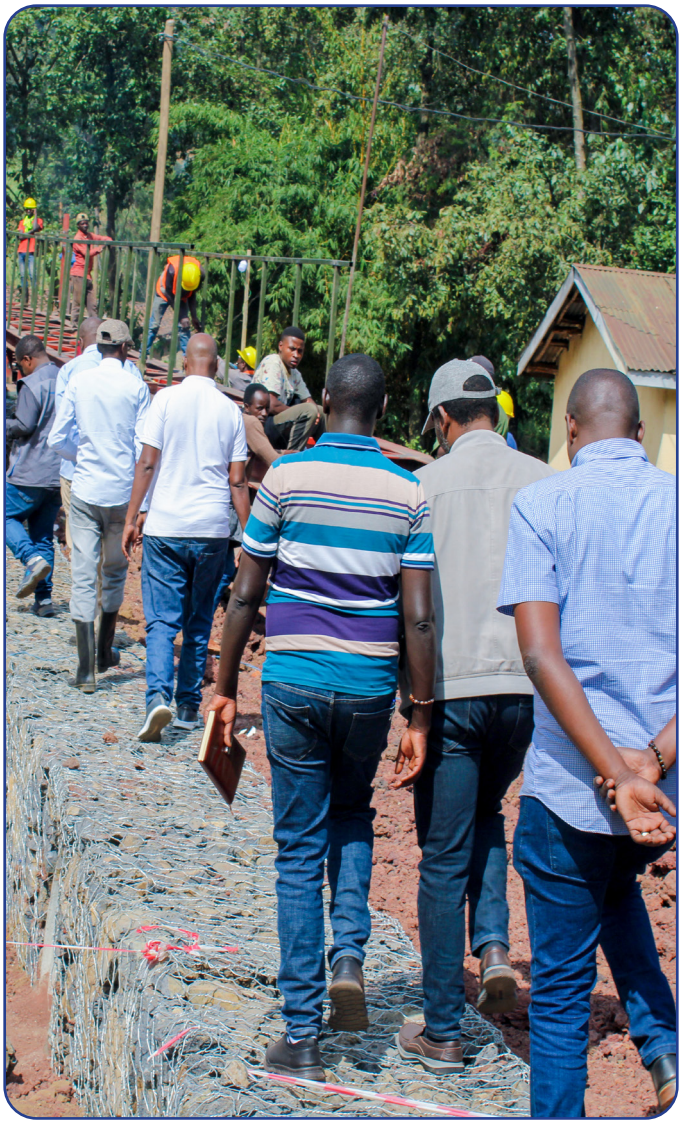
The Sebeya River has been a source of danger for the inhabitants of Rubavu District, leading to fatalities and causing destruction of crops, residences, and various infrastructure.

The Sebeya retention dam is capable of storing up to 2,000,000 cubic meters of floodwater, which can then be released at a controlled and lower flow rate.

This infrastructure is intended to alleviate the flood hazards that have been impacting Mahoko Center and other households situated in proximity to the Sebeya River

This dam is an addition to other initiatives that were put in place to protect citizens from the hazards of Sebeya river, like Sebeya lateral dyke and Bukeri diversion channel. These were built as part of the Integrated Water Resources Management Programme (IWRM) and the Sebeya Landscape Restoration Pilot Project (SLRPP) funded by the Embassy of the Kingdom of Netherlands (EKN) and implemented by the Rwanda Water Resources Board (RWB), with the technical assistance of International Union for the Nature Conservation (IUCN), The Netherlands Development Organization(SNV)and the Rwanda Rural rehabilitation Initiative (RWARRI).

RWB TAKES ACTION TO MITIGATE MEANDERING HAZARDS ALONG SEBEYA RIVER



11th July 2023: The Director General of the Rwanda Water Resources Board Director (RWB) Dr. Emmanuel Rukundo, and the technical team from RWB joined by Rubavu District Mayor on a technical assessment of flood hotspots along Sebeya River.

They visited various locations along the river in the Kanama, Nyundo and Rugerero Sectors of Rubavu District.

The technical assessment focused on mapping the high-risk zone areas, as a first step towards mitigating flood risk along the Sebeya River.

Various initiatives have been undertaken to reduce flooding risk along the river. These include the building of hundreds of meters of retaining walls, Sebeya lateral dyke, Bukeri diversion channel, and the new Sebeya retention dam.

These infrastructures were built through the Sebeya Landscape Restoration Pilot Project (SLRPP) and Integrated Water Resources Management.

RWB HOSTS THE EXIT AND SUSTAINABILITY STRATEGY WORKSHOP FOR THE EWRM PROJECT

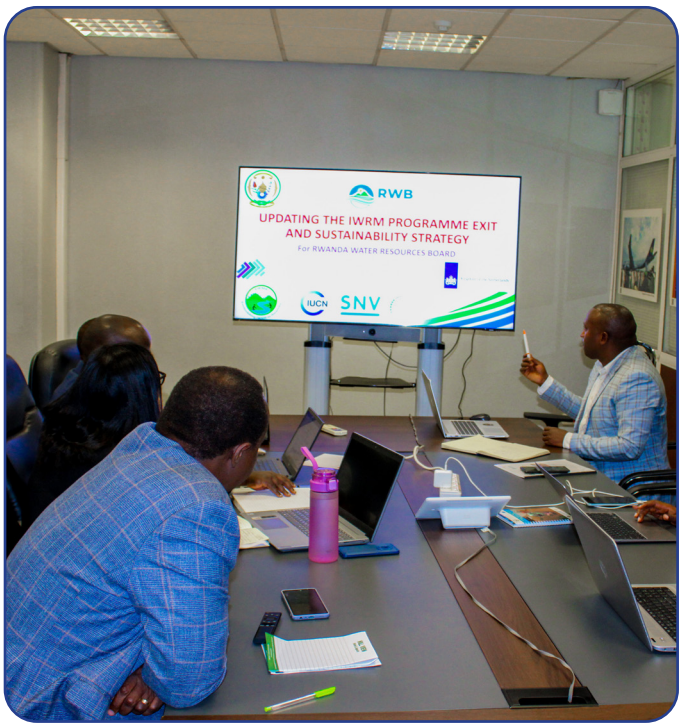
21st July 2023: Rwanda Water Resources Board (RWB), Director General, Dr Emmanuel Dr Rukundo presided over a workshop attended by different stakeholders to review the draft Exit and Sustainability Strategy (ESS) report for the "Sebeya Landscape Restoration Pilot Project (SLRPP)" and "Integrated Water Resources Management (IWRM)" Project, funded by the Embassy of the Kingdom of the Netherlands.

This Exit and Sustainability Strategy aims at strategizing the maintenance of all activities implemented through the Integrated Water Resources Management Project (IWRM) in Ngororero, Nyabihu, Rutsiro and Rubavu Districts.

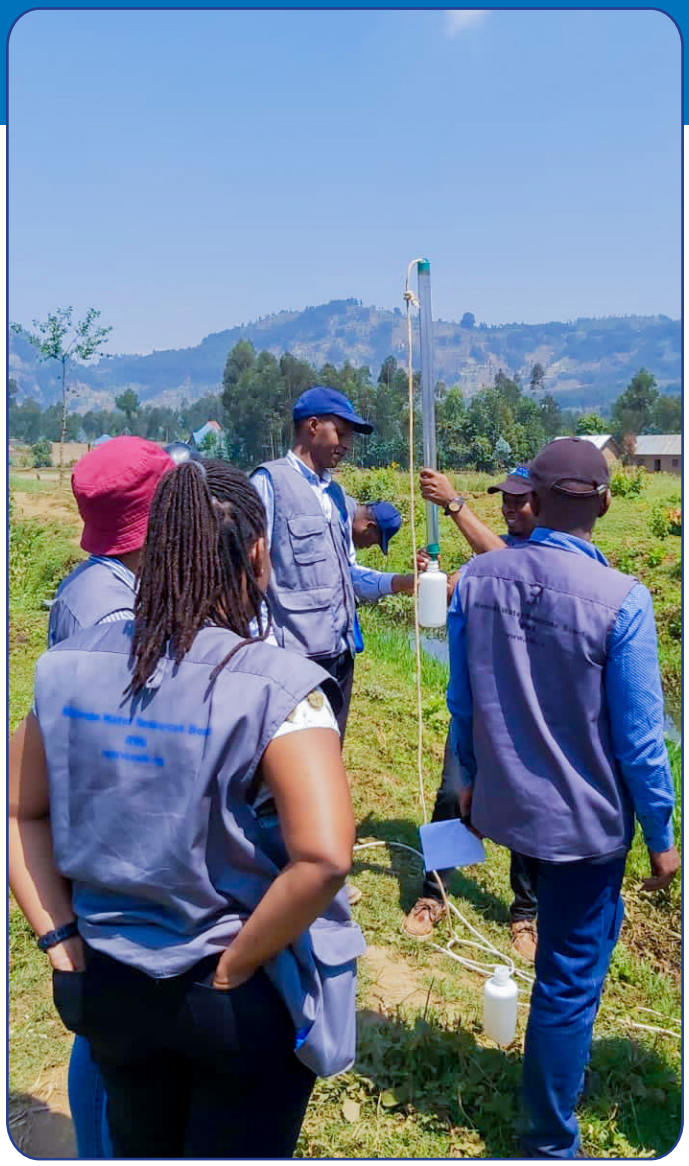
IWRM programme was launched in 2019 with a mission of improving Sebeya catchment management and contributing to increased resilience of communities and landscapes to the impacts of climate change and other drivers.

Among the results of IWRM and SLRPP are the restoration restoration of more than 18,000 hectares through activities like progressive terraces and afforestation, Sebeya lateral dyke, Bukeri diversion channel, the Muhazi dyke ,Sebeya retention dam and more.

This project was implemented by Rwanda Water Resources Board (RWB) in partnership with The Kingdom of Netherlands, IUCN, SNV and RWARRI.



RWB STAFF, IAEA EXPERTS VISIT THE VOLCANO REGION UNDER ISOTOPE HYDROLOGY PROJECT



24th July 2023: Rwanda Water Resources Board (RWB) technical staff involved in the isotope hydrology project, along with a university professor and an International Atomic Energy Agency expert, Robert Kalin, have conducted a three-day field visit in Musanze, Nyabihu, and Rubavu in line with the ongoing capacity building under the Isotope Hydrology Project RWA7001 funded by IAEA.

The aim of this project is to facilitate the integration of isotopes in hydrological practices and develop tools to better understand specific hydrological processes of the volcano flood water and to improve understanding between groundwater and surface interaction;

Professor Robert Kalin and Rwanda Water Resources Board technical staff collected samples on Bihinga Lake, Cyunyu Lake, Rwankeri Springs, and sinkholes, to identify the connectivity between surface and groundwater in the volcano region.

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