



Ministry of Water and Environment

PROGRAMME FOR THE UGANDA WATER AND ENVIRONMENT WEEK

18th – 22nd MARCH 2019

Theme: Water and Environment - a strategic driver in attainment of Sustainable Development Goals 2030

**UGANDA
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WEEK**

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Overview

The Uganda Water and Environment Week (UWEWK) is a weeklong event organized by the Ministry of Water and Environment (MWE) that will be held from 18 to 22 March 2019 at the Water Resource Institute in Entebbe. It provides an interface for knowledge exchange and dialogue on pertinent water and environment resources issues among sector actors and other stakeholders. UWEWK2019 borrows from the successes and lessons from UWEWK2018 and is intrinsically linked to repositioning Uganda to meeting the Sustainable Development Goals (SDGs), reaching middle income status by 2020; and achieving National Development Plan II (NDP II) targets.

It is organised under the theme: ***“Water and Environment- a strategic driver in attainment of Sustainable Development Goals 2030.”*** It has five sub themes upon which papers, applied training, dialogues, exhibitions and field visits are organised:

1. **Water-food-energy-ecosystem nexus**
2. **Water, sanitation, environment and Society**
3. **Green growth:**
4. **Blue economy and SDGs**
5. **Financing Sustainable Development Goals**

The event comprises of a number of activities pre-event, during event and post event activities namely publicity campaigns through print, electronic and social media, promotional materials, television documentaries and mobile van across MWE regional de-concentrated units from 11 to 15 March 2019; Walking from Kampala to Zoka forest in Adjumani by the Walkers Association from 4 March to 18 March 2019, Entebbe Municipality cleanup exercise on 16 March 2019, formal opening of the UWEWK on 18 March 2019, paper presentations, dialogues and trainings from 18 to 21 March 2019, field trips and open day on 21 March 2019 and commemoration of three important International Days: World Forest Day, World Water Day and World Meteorological Day on 22 March 2019. There will be exhibitions throughout the event from 18 to 22 March 2018. Exhibitions will provide valuable opportunities to showcase various technologies and practices on water supply, rainwater harvesting, irrigation, groundwater development, water and environmental resources management, and other services to UWEWK delegates and guests.

Details are presented in the program. Site map is also attached.

PROGRAM FOR THE UGANDA WATER AND ENVIRONMENT WEEK: 18th - 22nd MARCH 2019

Theme: *Water and Environment -a strategic driver in attainment of Sustainable Development Goals 2030*

Time	Activity	Facilitator
MONDAY 18THMARCH 2019		
7.00 – 9.00am	Registration of Delegates: Water & Environment front (News bulletin)	Secretariat
SESSION 1- Opening Session: Chair: PS,MWE		
9.00 – 09.40am	Arrival of the Guest of Honor and guided tour of the exhibitions	PS,MWE
09.40- 09.50am	Overview of Uganda Water and Environment Week (UWEWK)	Chairperson, NOC
09.50- 10.30am	Key note presentation: “ <i>Water and Environment -a strategic driver in attainment of Sustainable Development Goals 2030</i> ” Peter Koefoed Bjørnsen (Director, UNEP/DHI Water and Environment Centre, Denmark)	
10.30- 10.35am	Children’s voice on Sustainable Development Goals and Climate Change Arinaitwe Bonita Murungi , Nabisunsa Girls SS	
10.35 –10.45am	Speech by the Minister of Water and Environment	Minister, MWE
10.45–11.15am	Official opening by the Guest of Honor, H.E The President of Uganda	Guest of Honor
11.15–11.45 pm	TEA BREAK	
SESSION 2: <i>Water and Environment - a strategic driver in attainment of Sustainable Development Goals 2030: (co-convener- UNDP)</i> Chair: PS, MWE		
11.45 – 1.15pm	Panel discussion on UWEWK theme: Ms Almaz Gebru (UNDP Resident Representative); Dr Silver Mugisha (MD, NWSC), Mr. Onapito Ekomoloit (Communications Director, Nile Breweries Ltd); Brig. Felix Kulayigye (Representative of UPDF to Parliament), Hon. Kisamba Mugerwa (Former Chairman, National Planning Authority)	Moderator: Charles Mwangusya Mpagi, NTV
1.15-1.30pm	Plenary discussions and feedback	Moderator
1.30 – 2.30pm	LUNCH	
SESSION 2: <i>Water-food-energy-ecosystem nexus (co-convener- Food Rights Alliance and GIZ)</i> Chair: Dr Charles Wana Etyem, Former Vice Chairperson, Water Policy Committee		
2.30 – 3.10pm	Key note presentation: “ <i>Water-Food-Energy-Ecosystem Nexus</i> ” Alan Nicol , IWMI, Ethiopia	
3.10 – 4.40pm	Panel discussion: Mr Patrick Kahangire (Presidential Adviser on Water issues), Mr.David O.O.Obong (PS, MSTI), Dr Harrison Mutikanga (MD, UEGCL) and Mr. Edwin Muhumuza (Founder and CEO Youth Go Green/ Uganda Youth Delegate to United Nations), Ms. Agnes Kirabo (ED, Food Rights Alliance)	Moderator: Samson Kasumba, NBS
4.40 – 5.00pm	Plenary discussions and feedback	Moderator

TUESDAY 19TH MARCH 2019

7.30 – 8.30a.m	Delegates registration and Water & Environment front (news about the previous day)						
8.15 – 09.00am	Guided tour of the exhibitions						
	SESSION 3 -Water, Sanitation, Environment and Society: (co-conveners- IRC and Water for People) Chair: Chairperson, Natural Resources Committee of Parliament						
9.00 – 9.40am	Key note presentation: “ Water, Sanitation, Environment and Society ” Nagaraja Rao Harshadeep (Harsh), Lead Environmental Specialist & Global Lead (Disruptive Technology), World Bank						
9.40 – 11.10am	Panel discussion: Rt Hon. Rebecca Kadaga (Speaker of Parliament), Bishop George Bagamuhunda (Bishop of Kigezi Diocese), Mr Peter Mayiga (Katikiro of Buganda), Mr Gideon Badagawa (ED, Private Sector Foundation) and Mr Richard Ssewakiryanga (ED, Uganda National NGO Forum)						Moderator: Robert Kabushenga, Vision Group
11.10-11.20am	Plenary discussions and feedback						Moderator
11.20- 11.40am	TEA BREAK						
11.40- 1.00pm	SESSION 4: PARRALLEL SESSIONS 1						
	Parallel Sessions						
	Water-food-energy and ecosystem nexus		Water, sanitation, environment and society			SDG framework	
	Aswa Hall: I	Budongo Hall: II	Katonga Hall: I	Nile Hall: II	Elgon Hall: III	Bwindi Hall	Side Events
	Chair: Eng Johnson Amayo (NWSC) Rapporteurs: Dorina Keji and Robert Mutibwa Coordinator: Margaret Mwebesa	Chair: Jackson Twinomujuni (MWE) Rapporteurs: Pamela Agaba Coordinator: Florence Anobe	Chair: Paul Mafabi (MWE) Rapporteurs: Brian Guma Coordinator: Jane Nabunya	Chair: Eng Sottie Bomukama (WPC) Rapporteurs: Rashid Lukwago and Deo Odota Coordinator: Joseph Epitu	Chair: Ms Jane Sembuche Mselle (WAU) Rapporteurs: Irene Kambeda Coordinator: Mary Namukose	Chair: Dr Patrick Birungi (NPA) Rapporteurs: Martha Naigaga Coordinator: Rosemirta Birungi	USAID/Rotary International - Mpologoma Hall Application of the iRain tool for hydroclimatic applications- - Edward Hall
11.40 – 12.00pm	<i>Regulatory and policy options for promoting the development of sustainable renewable energy use in Uganda-</i> Emmanuel Kasimbazi	<i>East Africa Future Water Scenarios to 2050-</i> Sylvia Tramberend and Robert Burtscher	<i>Strengthening transboundary water governance and cooperation: the case of Sio-Malaba-malakisi sub-basin of the Nile-</i> John Owino et al.	<i>Results of evaluation of water, sanitation and environment program in Uganda from 1990 to 2017</i> (Danish Embassy)	<i>Impact of implementation of demand side management of water use in a beverage industry – A case study of Century Bottling Company Ltd Mbarara Branch-</i> Bashir Kamulegeya	<i>Adoption of Sustainable Development Goal 6 on water and sanitation in Uganda: Status and future prospects-</i> Callist Tindimugaya	Promoting access to sustainable WASH in Agago sub-catchment (WASH Alliance International)- Albert Hall Addressing inequalities in society is a priority to attain SDG6 commitments

12.00 – 12.10pm	Safe water, wood fuel, and environmental implication for developing countries: A case of Uganda- David Baguma	The Role of the Service Model in Sustainable Development -the example of DFMS- Hermen M. Westerbeeke	Operationalization of Catchment Based Water Resources Management in Karamoja- Louis Mugisha	Moderated discussion on the forward look for the sector based on the evaluation (Danish Embassy)	Water Contamination with heavy metals and trace elements from Kilembe copper mine and tailing sites in Western Uganda; implications for domestic water quality- Abraham R.Mwesigye	Measuring and tackling obstacles to SDG 6 progress: experiences of designing WASH programmes that respond to weaknesses in the 'system'- Ceasar Kimbugwe	(UWASNET)-Nyagak Hall
12.10 – 12.20pm	Experiences and lessons from strengthening transboundary water governance and cooperation in the IGAD region- John Owino et al.	Assessment of Impacts of Climate Change on Hydro-meteorological ecosystem services and Water Stress in Lake Kyoga catchment- Moses Tumusiime	Environmental concerns on River Nile and implications for Uganda`s environment management aspirations- Tom Okurut and George Muganga	Moderated discussion on the forward look for the sector based on the evaluation (Danish Embassy)	Cyanobacteria and society- Ronald Semyalo and Olokotum Mark	Localizing the SDGs for Resilience of Water Towers in Uganda- Philbert Nsengiyunva	
12.20 – 12.30pm	Potential role of the Water Resources Institute in helping Uganda achieve Sustainable Development Goals by 2030- Callist Tindimugaya et al	Analysis of the onset, cessation of rainfall and length of the growing season over western, central and eastern Lake Victoria Basin in Uganda- Yusuf Nsubuga	Experiences in management of an Urban River protection zone – River Rwizi Mbarara Municipality- Richard Musota	The Role of the Technical Support Units in the Provision of decentralized WASH Service Delivery in Uganda- Peter Opwanya	Hydrogeochemical evolution of groundwater resources in the Albertine Graben- Brian Guma	Opportunities and Challenges of Human Capacity Development in Uganda's Water and Environment Sector- Joseph Epitu	
12.30 – 12.40pm	The influence of Alternative livelihoods on fisheries and natural resources regeneration; A Gendered Sociological Integrated Natural Resources Management (INRM) perspective- Kayongo Goeffrey	Impact of Climate and Land use/cover changes on the surface area of Lake Wamala, Uganda- Nabalisa J and Nanteza J	Application of integrated environment management strategies towards sustainable water and sanitation services delivery: Case of NWSC- Innocent Twesigye	District Water, Sanitation and Hygiene (WASH) Master Plan; a Tool to Focus Local Governments to Achieving SDG6- Martin Watsisi	Groundwater Characterization Across the Kyoga Basin In Uganda- Nancy Mary Nahabo	Improving Environmental Management Governance In Uganda- Nathan Mununuzi	
12.40 – 1.00pm	QUESTIONS AND DISCUSSIONS						
1.00- 2.00pm	LUNCH						

	SESSION 5: Financing Sustainable Development Goals (Co-conveners- WaterAid Uganda and Rotary International) Chair: Chairperson, Budget Committee of Parliament						
2.00 – 2.40pm	Key note presentation: Financing Sustainable Development Goals Ian Palmer, Adjunct Professor, University of Cape Town, SA						
2.40 – 4.10pm	Panel discussion: Patrick Ocailap (Deputy Secretary to Treasury, Ministry of Finance); Keith Kalyegira (ED, Uganda Capital Markets Authority); Julius Mukunda (ED, Civil Society Budget Advocacy Group); Ms Majbrit Holm Jakobsen (Charge de' Affaires, E.P, Danish Embassy), Mr Mathias Katamba (MD, DFCU Bank), Mr Ken Wycliffe Mugisha (Immediate Past District Governor, District 9211, Rotary International)						Moderator: Dr Fred Muhumuza
4.10 – 5.30pm	SESSION 6: PARALLEL SESSIONS 2						
	Water-food-energy and ecosystem nexus		Water, sanitation, environment and society			Financing SDGs	
	Aswa Hall: I Chair: Dr Revocatus Twinomuhangi (MUK) Rapporteurs: Karamura Jude Coordinator: Grace Waako Katuramu	Budongo Hall: II Chair: Festus Luboyera (UNMA) Rapporteurs: Mukiibi Jackson Coordinator: Helen Oguli	Katonga Hall: I Chair: Yunia Musaaazi (UWASNET) Rapporteurs: Olga Namwanje Coordinator: Albert Orijabo	Nile Hall: II Chair: Eng Aaron Kabirizi (MWE) Rapporteurs: Christine Niwamanya Coordinator: Jacinta Nekesa	Elgon Hall: III Chair: Dauda Waiswa Batega (MUK) Rapporteurs: Lydia Letaru Coordinator: Maureen Anino	Bwindi Hall: Chair: David Duli (WWF) Rapporteurs: Magara Siragi Coordinator: Betty Musabe	Side Events Effectiveness of local WASH systems analyses on service improvement; A case of Kabarole District 2018 (IRC)- Mpologoma Hall WASH Financing Alternatives Dialogue (CSBAG)- Nyagak Hall Demonstration of the Water Information System - Albert Hall
4.10 – 4.20pm	<i>Rainwater harvesting knowledge and practice for agricultural production in a changing climate: A review from Uganda's perspective-</i> Nicholas Kiggundu et al.	<i>Analysis of NDVI and Rainfall Variability to determine the plant growing season in Karamoja Region-</i> Gilbert A. Achelai	<i>Gravity Fed Large Rural Piped Water Supply Schemes in Uganda: Lessons learnt-</i> Chris Tumusiime	<i>Building resilience of water services to the effects of climate change in Uganda-</i> Flavia Byekwaso	<i>The Gender Composition status of the executives of Catchment Management Organizations in the Water Management Zones of Uganda-</i> Caroline Niwagaba	<i>Financing sustainable development: Engaging the Private Muscle in the Public- The case of the WASH and Learn Programme Interventions in Uganda, Kenya and Tanzania-</i> Linda Lillian	
4.20 – 4.30pm	<i>Potential of wind energy</i>	<i>Geospatial assessment of land</i>	<i>Measuring WASH intervention effects: case</i>	<i>Challenges of Operation and Maintenance (O & M)</i>	<i>The Uganda National Forest Stewardship</i>	<i>Financing Sustainable Development: Goals</i>	

	development for water abstraction systems in developing country context: A case of Teso Sub-region of Uganda- Kasozi James Tondo	and water management options for enhanced land productivity in Mt. Elgon sub-region, Uganda- M. Malesu	of no impact from MoWE's WASH interventions on under-five diarrhoea in Wandí Small Town, Arua District- Innocent K. Tumwebaze	in water supply systems for Health Centres (HCs) in Karamoja- Andrea Shalla	Standard approved and launched; what are the opportunities for advancing responsible Forest Management in Uganda- Joshua Zzake	(SDGs)- Rupert Allan	
4.30 – 4.40pm	A case study of Implementation of Sipi Integrated Water Management and Development Project- Mohammed Badaza and Louis Mugisha	Evaluation of spatial variability of suspended sediment yield in medium-sized tropical catchments of Southwestern Uganda- Wanyama Joshua	Role of Central Government in fostering collaboration among various civil society organisations. Case Study: Mpanga, Kabarole District- Jackson Kitamirike	Using GIS to visualize the impact of intermittent water supply on meter performance in a water utility- Aaron Magara	Advancing Civil Society Organisations and Networks coordination for contribution to effective Renewable Energy Policy formulation and implementation in Uganda- Kamoga Arafa and Joshua Zzake	Breaking Down Barriers to Financial Access for Sanitation and Businesses- Stephen Birungi	
4.40 – 4.50pm	Trees on Farms: Farmer choices for enhanced ecosystem benefits-Philip Kihumuro	Assessment of the Potential Impacts of Oil and Gas Development and Associated Activities on Water Resources in the Albertine Graben – Anthelem Iragena	Monitoring and Evaluation systems in the water and environment sector: A case study of Uganda- Daphine Ann Abeinemukama	Spatial distribution and access to domestic water in a humanitarian setting, case of Rhino refugee camp in Arua district, Uganda- Dorina Keji	Harnessing information technology to Water Resource Management-A case study of Uganda- Francis Kizito	Optimising investments to achieve access to safe water and sanitation for all: case of NWSC- Eng Johnson Amayo	
4.50 – 5.10pm	Rural development within the framework of IWRM in Karamoja- Isaiah Ndongu	Rethinking Extension Services on Climate Change Related Information to smallholder Farmers in Kasangombe Sub-county Nakaseke District- Rashid Lukwago	Community participation in Water source protection activities in piped water supply systems: Community participation; A case study of Koboko- Christine Niwamanya	A study on the environmental impact of Settling Refugees in Refuge hosting Area in Uganda- Eileen Lara	Assessing the roles of the society towards Flood and landslide management as a way of promoting growth and alleviating poverty Case study of Bududa District- Trust Brenda	Financing rural water point maintenance through community savings groups- Chris Prottas	
5.10 – 5.30pm	QUESTIONS AND DISCUSSIONS						

WEDNESDAY 20th MARCH 2019

7.30 – 8.30am	Registration of Delegates plus Water & Environment front (news about the previous day)						
	SESSION 7 -Green growth and Blue Economy (co-convener- ACODE) Chair: Vice Chair, Natural Resources Committee of Parliament						
9.00 – 09.30am	Key note presentation: “ Green growth ”: Stuart Worsely , Programme Director, Green Economy Coalition						
9.30 – 10.00am	Key note presentation: “ Blue Economy ”: Dr. Joseph Shevel , President, Galilee Management Institute, Israel						
10.00–11.15am	Panel discussion: Prof. Mary Okwakol (Vice Chancellor, Busitema University); Dr. Arthur Bainomugisha (ACODE); Dr Tom Okurut (ED-NEMA), Hon. Winnie Matsiko (CC Ambassador) and Dr Patrick Birungi (Director, National Planning Authority)						
11.15–11.35am	TEA BREAK						
	SESSION 8: PARALLEL SESSIONS 3						
	Water-food-energy and ecosystem nexus	Water, sanitation, Environment and Society	Green Growth		Blue Economy	Financing SDGs	
11.35 – 1.35pm	Aswa Hall: I Chair: Prof. Yazdi Bamutaze (MUK) Rapporteurs: Godfrey Mujuni Coordinator: David Walugembe	Budongo Hall: II Chair: Tore Seartersdal (MUK) Rapporteurs: Gerald Ahabwe Coordinator: Zainab Mpakiraba	Katonga Hall: I Chair: Gaster Kiyangi (GRAF) Rapporteurs: William Mawenu Coordinator: Sengozi David Kyeyune	Nile Hall: II Chair: Ronald Kaggwa (NPA) Rapporteurs: Amumpire Anna and Asiimwe Micheal Coordinator: Onesmus Mugenyi	Elgon Hall: III Chair: Ikemere Deogratias (Mulago Hills) Rapporteurs: Johnson Pule Coordinator: Egaru Moses	Bwindi Hall: Chair: Sophie Kutegeka (IUCN) Rapporteurs: Akena Henry Peter Coordinator: Byekwaso Flavia	Side Events Career Talk (Young Water and Environment Professionals)- Mpologoma Hall (by invitation)
11.35 – 11.45am	Sustaining the Last Oasis: An Ecosystem Approach- Margaret Aharikundira	Innovative sanitation decision support tools: part of knowledge to practice (K2P) agenda for safe sanitation planning in Uganda- Kamara Innocent	Adoption of Green Production Among Small and Medium Enterprises in Uganda: The Role of Institutional and Organizational Factors- Solomon Kyeyune	Pursuing a green growth approach for sustainable development- Nathan Mununuzi	Turning Faecal Sludge into Fuel Briquettes: Experiences from a partnership between Water For People and Sewerage Corporation in Kampala, Uganda- Cate Z. Nimanya	Exploring Sustainable Financing Mechanisms for Integrated Water Resources Management in Uganda: A Case Study of the Rwenzori Mountain Ecosystem- Simon Peter Weredwong	Private Sector participation and involvement (GIZ/IWasP) – Nyagak Hall
11.45 – 11.55am	Experiences On the Implementation of Catchment Investment Planning in UNWMZ A Case Study of Kochi Sub-	Understanding Water Availability within Ugandan through the drought and flood mitigation service- Dr	Green Infrastructure of water security-preliminary findings from the Acholi IWRM Pilot Project- James Kisekka et al.	The Kampala Green Industry Campaign- Vanessa Tyaba	Recycling domestic wastewater for irrigation in Uganda- Jimmy Biyomotho	Effectiveness of Community Financial Management Systems and The Economic Value of Community Contribution Towards	

	catchment in Northern Uganda- Robert Bogere and Marty Fokkink	Samantha Lavender				Operation and Maintenance of Rural Water Facilities.- Joel Kiwanuka	
11.55 – 12.05pm	Sustainable Restoration of Water and Related Resources- Annette Nantongo	Operation and Maintenance of Mini Water Supply Systems and Point Water Sources for the Rural Communities of Uganda - Ahmed Sentumbwe and Ms Edrida Musinguzi	Innovations in Wetlands Management- Ssebyato Asadhu	Greenhouse gas emissions from Uganda's cattle corridor farming systems- Nicholas Kiggundu et al	Applying circular economy principles to greening agriculture in the face of climate change: the Ugandan perspective of organic farming- Flavia Byekwaso	Natural Capital Accounting in Uganda; A pre requisite for attaching appropriate environment economic value in decision making and country development Agenda – Dr Sam Mugume Koojo	
12.05 – 12.15pm	Appropriate Hydro Power Technology For Uganda In Attainment Of Sustainable Development- David Kataratambi	The value of remote sensing data to water potential studies in ungauged basins – A case study of hydrological feasibility assessment for Ngenge Sub-county Water Supply System, Kyoga Water Management Zone- Maximo Twinomuhangi	Contribution to A Low Carbon and Climate Resilient Development in Landscapes- Margaret A. Mwebesa	Green Growth Opportunities for green cities- Irene Chekwoti	The role of Private Sector in Entrepreneuring Sanitation Service Chain to improve Faecal Sludge Management- Lydia Biira	Understanding the financial and economic implications of implementing Forest Landscape Restoration in Uganda: A case of Karamoja and Northern Uganda- Cotilda Nakyeyune	
12.15 – 12.25p.m	Risk Management of new hydropower dams on the White Nile cascade – a case study of Isimba and Karuma Hydropower dams in Uganda – Wilberforce Manirakiza et al. (UEGCL)	Water quality, the missing link in WASH Efforts in Uganda- Lilian Idrakua	The role of biochar and ectomycorrhiza in mitigating climate change- Opira Lakuma Kenneth	Renewable energy for sustainable agriculture in Uganda – Martin Owor	Production of activated carbon from coffee husks for wastewater treatment- Kwarigaba Vincent and Nicholas Kiggundu	Emerging Trends from the Nile Basin Wetlands economics of ecosystems and Biodiversity Scooping Study Leonard Akwang	
12.25 – 12.45pm	QUESTIONS AND DISCUSSIONS						

12.45 – 12.55pm	Conditions for Successful Community-Based Water Management: Perspectives from Rural Uganda- Resty Naiga	WASH through a gender lens: experiences from Mabamba Bay, Uganda – Onno Giller	The Uganda REDD+ National Strategy was launched in November 2017! So what next moving forward? – Joshua ZZake	Limitations to solar technology uptake in Uganda- Isaiah Eitu	The Faecal Sludge Field Lab - Magdalena Baeuerl	The ecological and socioeconomical benefits of community environmental conservation fund and restoration- Peter Mujurizi	
12.55 – 1.05pm	Gender and Water Resources Management- Robinah Olga Namwanje	Water supply services to benefit low income population in small towns and rural growth centres: Experiences from central Umbrella of water and sanitation- Atwongyeire Dorcus	Lessons from engaging Uganda's Indigenous Forest Dependent People in REDD+ - Cotilda Nakyeyune	Bamboo growing and value addition for ecosystem health and wealth creation- Munaaba Flavia Nabugere	Balancing development and Conservation in Uganda through the application of the Mitigation Hierarchy- Beatrice Kyasiimire	Urban Sanitation- Wanok Harold	
1.05 – 1.15pm	Forest reference emission levels – a key factor in water-food-energy-ecosystem nexus in Uganda- John Diisi	Urban groundwater and sanitation: preliminary findings of status of Lukaya Town Council, Kalungu District- Nayebare Jacintha	Collaborative Resource Planning and Management and How Its Framed in Uganda- Nelson Waiswa	Resin Tapping from Mature Pine Trees- Denis Kavuma	Ecological Innovative approaches to Water optimisation and pollution prevention in manufacturing Sector in Uganda Florence Grace Adongo	The state of Climate of Uganda in 2017- Bob Ogwang	
1.15 – 1.25pm	Factoring Spatial Variability of Rainfall in the Design of Optimum Rain-gauge Network for Uganda- Paul Isabirye	Umbrellas of Water and Sanitation as Water Authorities – The Success Story of a New Management Model Introduced Since 2017- Eng. Godfrey Hashakimana et al.	Civil Society Organisation's Contribution in advancing Uganda's Green Growth Path; A case of the Environment and Natural Resources Civil Society Organisations Network- Nakiyingi Ephrance	Wetland Coding and Naming in Preparation for Wetland Gazzettment.- Takuwa Nuubu	Women Participation Agroforestry and Sustainable Land Management in Mountain Ecosystems- Peter Fuuna	Contribution of university academic outreach in understanding the landscape environment in Uganda- Patrick Musinguzi	
1.25 – 1.35pm	QUESTIONS AND DISCUSSIONS						
1.35 – 2.30pm	LUNCH						

APPLIED TRAININGS							
2.30 – 4.00pm	Aswa Hall Monitoring Indicators (DWRM/MWE) SD6	Budongo Hall Faecal sludge management (GIZ)	Katonga Hall Wetlands as a business (DEA/MWE)	Mpologoma Hall Forestry Entrepreneurship (DEA/MWE)	Edward Hall Effective Communication of WASH services (IRC)	Nyagak Hall Groundwater level monitoring using divers (Water for People)	
4.00 – 4.15pm	TEA BREAK						
4.15 – 5.45pm	Aswa Hall Water planning and protection (DWRM/MWE) source and	Budongo Hall School WASH (Water for People)	Katonga Hall Micro irrigation and solar technologies (DWD/MWE)	Mpologoma Hall Water Quality Assessment (Mulago Hills /MWE)	Edward Hall	Nyagak Hall	
6.00pm – 8.00pm	Cocktail						

THURSDAY 21ST MARCH 2019 – FIELD TRIPS TO VARIOUS LOCATIONS AND OPEN DAY

8.00 - 5pm	Field visits to various locations	Water-food-energy and ecosystem nexus	Water, sanitation, Environment and Society
9.00 - 5pm	Whole day visit of exhibitions and demonstration sites	Budongo Hall: Chair: Eng. Julius Bakene Musiimenta (Hydraulic Consult) Rapporteurs: Annette Nantongo Coordinators: Robert Kaliisa	Katonga Hall: Chair: Eng Francis Okinyal (Engineers Registration Board) Rapporteurs: Richard Kyambadde Coordinators: Emmanuel Aupal
9:10 am – 9:20		The Contribution of Alternative No-Regret Livelihood Enterprises for building Resilient Communities, Ecosystems and Associated Catchment in Uganda; A case of communities within Nyarunzinga, Kandekye—Ruhorobero and Nyamuhizi-Kagogo wetland systems catchments in South Western Uganda- Kizito and Joshua Zzake	Accessibility and Safety Audit for School Water, Sanitation and Hygiene facilities in public schools in Kampala- Chanchal Kumar
9:20 – 9:30		Hydraulic modelling and assessment of impacts of hydropeaking – a case study of 48 MW Muzizi hydropower project in Uganda – Moses Anguyo et al. (UEGCL)	Reduction of iron and manganese content in borehole water using corncob-Richard Mbabazi
9:30 – 9:40		Scramble for Water in struggle of transformation in Uganda. Neither too much nor too less water to aid this desired transformation – Brian Lucky et al.	Water Sanitation and Hygiene: A strategy towards ending Health Care Facility Acquired infections- Dr William Mucunguzi
9:40 – 9:50		Establishment of sustainable Institutional Farmer Based management of Medium Irrigation schemes- Lydia Kaboyo et al.	The Status of Timber Trade in Uganda; Key emerging policy and practice issues for Reflection- Joshua Zzake

9:50 – 10:10	Discussions			
10:10- 10:20		Experiences in Identification, Design and implementation of small scale irrigation schemes- Eng Kimanzi et al.	The Contributions of the Hand Pump Mechanics Associations in improving functionality and WASH service delivery; a case of Kyenjojo and Kabarole Districts in Western Uganda- Noble Banadda	
10:20 – 10:30		Improvement of Sustainable management of Water for Production facilities with use of Farmers Field Schools Approach- Eng Ronald Kasozi et al.	Water Source Protection: Challenges and possible solutions of water sources of Health Centres in Karamoja- Louis Mugisha	
10.30 – 10.40pm		Water Information System as a strategic tool for attainment of the sustainable Development Goals- Emmanuel Jjumba	Determinants of users' willingness to contribute to safe water provision in rural Uganda – Dr Resty Naiga	
10.40 – 10. 50am		Wimes: A solution for Water and environment Management - Isabelle Hubiche	.Importance of bamboo towards greening the environment and development- Tom Obong Okello	
10.50 – 11.10am	DISCUSSIONS			
11: 10 – 11:40	Health Break			
11:40 – 11:50		Registration of ground water consultants in Uganda: rationale and status – Anthony Kyalirizo	Sustainable utilisation of Waste Tadeo Mibulo	
11:50 – 12:00		Big size-stone masonry rainwater harvesting tank technology for increased safe water, food security and for resilient to climate change in Mpigi district.- Sulaiman Walugembe	Uganda Forestry Association: United Nations Forum On Forests Strategic Plan On Forests (2017 – 2030) Rachel Musoke and David Walugembe	
12:00 – 12:10		Importance of Implementation of Demand side management of water Use in Sugar industry : Timothy Mowunge	Blockages to service sustainability of WASH in Schools- Cesar Kimbugwe	
12:10 – 12:20		Rain Water Harvesting balances Land Use Activities, Food production and energy Production- Anne Kikundwa	On farm planting of Bamboo as a community climate smart livelihood: David Kisakye	
12:20 – 12:30		Seasonal variation in chemical constituents of Alestes baremoze (Pebby fish) in Lake Albert – Didi Amal Mogga	Strengthening sustainable environmental management through social protection interventions: the case for labor intensive public works in Uganda:- Ministry of Gender, Labour and social development, Office of the Prime Minister (NUSAFIII Programme) in collaboration with World Food Programme	
12.30- 12:40			Profiling Urban Water and climate change: Propelling cities towards green growth and sustainable Development - Peter Opwanya	Organisers
12.40 – 1:00	Discussion			
10:00 – 1:00	Demonstration of various technologies and innovations: Borehole drilling, irrigation, solar pumping, water quality testing, Water Information System etc			
12:00 – 1:00	Question time with management of the MWE and its agencies			
2.00 - 5pm	Dialogue	Forestry		Forest Stakeholders
2.30 - 5pm	Dialogue	Youth		Youth Go Green

FRIDAY 22ND MARCH 2019
WORLD WATER DAY, WORLD FOREST DAY, WORLD METEOROLOGY DAY CELEBRATIONS

8.30 -8.30a.m	Registration of Delegates	
8.30 – 9.30am	Marching from Entebbe town to venue with brass band	PS,MWE
9.30 – 10.00am	Arrival at venue and tour of the exhibitions by the Guest of Honor	PS,MWE
10.00- 10.30am	Entertainment by performing groups and school children	
10.30- 10.40am	Welcome remarks	PS,MWE
10.40– 11.00am	Remarks by Development Partner: i) ENR Lead Donor ii) WS Lead Donor	
11.00–12.45pm	Debate by school children on the themes of international days	
12.45–13.00pm	Launch of key sector policy and strategy documents	
13.00–13.20pm	Remarks by the Minister for Water and Environment	
13.20–14.00pm	Official speech by the Guest of Honor, the Rt Hon. Prime Minister of Uganda	
14.00-14.30pm	LUNCH AND DEPARTURE	

BIODATA OF KEY NOTE SPEAKERS



Peter Koefoed Bjornsen is Director of the UNEP-DHI Partnership Centre on Water and Environment located in Denmark. The Centre provides expertise to support UNEP's water related activities. UNEP is the UN custodian agency for several of the indicators that countries report on as part of the 2030 Agenda for Sustainable Development. The Centre led the

baseline reporting for the SDG target on water resources management.

Peter holds a Ph.D. in Aquatic Ecology from University of Copenhagen and has 25 years of work experience with the Government of Denmark, the Global Environment Facility and the United Nations.



Nagaraja Rao Harshadeep (Harsh) is the Global Lead for Disruptive Technology in the Environment and Natural Resources Management Global Practice and a Lead Environmental Specialist at the World Bank, leading efforts to promote integrated multi-sectoral approaches in a spatial context. In

about 23 years at the Bank, he has led and supported several environmental, water, and natural resources projects and studies/policy support around the world, primarily in Africa and Central, South and East Asia. This includes work on transboundary watersheds (Nile, Aral Sea, Ganges, Indus, Amazon, Lake Victoria, Mekong Delta), integrated watershed/basin planning and management, climate resilience and disaster management, pollution, irrigation, biodiversity, environmental assessments, capacity development, monitoring systems, and analytical/decision

support tools. At the World Bank, he has served as a Global Lead for Watersheds and also co-leads the Bank's HydroInformatics focal area. A particular focus has been on the development and use of new technologies, including leading a new activity on exploring emerging disruptive technologies for sustainable development and he represents the Environment and Natural Resources Global Practice in the World Bank Group Disruptive Technology Network. His work on spatial data and analytics includes the development of interactive spatial Apps (such as "Spatial Agent" to improve public domain geospatial data access, visualization, and analysis) and innovative interactive e-books for outreach.

Earlier, he worked with other international organizations, in academia, and in the private sector on issues ranging from wetlands management and environmental indicators to New York City water supply systems and Middle East water conflicts. He holds a Bachelor of Technology in Civil Engineering from the Indian Institute of Technology (IIT-Madras), a Masters in Environmental and Resource Engineering from Syracuse, and a Ph.D. in Water Resources and Environmental Systems from Harvard University.



Ian Palmer has 45 years' experience in the fields of civil engineering and development. He founded PDG, a leading development consultancy in South Africa, in 1990, remaining part of PDG over the subsequent 29 years, 19 of which he has been the managing partner and then managing director. In 2015 Ian retired as a

director and full time employee of PDG, but remains an associate of the firm and continues to contribute to projects as part of PDG teams for half his time. For the remainder he undertakes academic work as an Adjunct Professor at the University of Cape Town attached to the African Centre for Cities. Over the period 1996 to 2012 Ian was a Trustee and Deputy Chairperson of Mvula Trust, a

leading NGO in the field of water supply and sanitation. In addition, over the past 30 years his work on water supply and sanitation includes leading 30 research and consulting projects in South Africa. He has also been the team leader on 70 other projects in the realm of public sector service delivery including the fields of municipal services planning, municipal finance, inter-governmental relations, housing, roads, public transport and climate change mitigation. He has experience working in Zambia, Mozambique, Uganda, Ethiopia and Kenya.

ALAN NICOL- is the sustainable Growth Program Lead at International Water Management Institute. Alan is a political scientist by training, with more than 20 years of experience in research, policy advice, consulting and program development across Asia, Africa and the Middle East. He is a specialist in a range of water and development issues from transboundary water resources management to catchment management and community-level water supply and sanitation. He has advanced analytical, project leadership and program implementation skills, including experience of leading multinational programs at director level in Africa, working closely with government and other policy influencers on water and climate change and delivering research for development that supports the livelihoods of local beneficiaries. He continues to engage in fieldwork and has recently completed assignments on refugees and water and IWRM and pastoral development in northern Uganda. Currently based in Addis Ababa as the Sustainable Growth Program Lead, Alan oversees a team of more than 30 professionals across three research groups (Governance and Gender, Water Futures and Transforming Economies).



Stuart Worsley is the Green Economy Coalition (GEC) Countries Programme Director. He works with GEC members across the globe to bring societal demands and public policy together for a sustainable transition. With 27 years working for development agencies, Stuart has extensive expertise in facilitating system wide change for development. Stuart is a co-author of "Navigating Complexity in International Development".

The Green Economy Coalition (GEC) is the world's largest alliance for green and fair economies. Established in 2010, 52 organisations unite different interests across the world (nature, poverty, business, government, workers) within a common vision, "Prosperity for all within one planet limits." GEC works to connect, communicate and influence national and global transition towards an inclusive green economy.

Dr. Joseph (Yossie) Shevel- is the President of Galilee International Management Institute. He previously served as a lecturer and Director of the Department of Management Studies at the University of Haifa. He has also lectured at the Israel Institute of Technology and Bar Ilan University. He holds a PhD Economics and Management, New York University. Dr Shevel is very active in the peace process between Israel and the Palestinian. He is the co-Chairperson of the Mediterranean Peace Forum (Italy). He is a member of the Prime Minister Committee on Social Policy and of the Environmental Committee of the Haifa Region (under the auspices of the Israel Ministry of Energy. He serves as the Director and Coordinator of several joint European – Mediterranean networks in the field of management and economic development. He has been a frequent guest lecturer on economic and social development in Africa and particularly Kenya, Tanzania, Zimbabwe, Botswana, Nigeria, Ghana, Burkina Faso and many others.

Side Events

WASH Financing Alternatives Dialogue

Theme: *The Adequacy of WASH Financing! Where are the Gaps?''*

Lead Organization: Civil Society Budget Advocacy Group (CSBAG)

Organization Partners: WaterAid Uganda

Speakers KCCA, NWSC, Parliament, Wateraid

Facilitators Jeff Wadulo, CSBAG

Date: 19th March, 2019

Time: 10:00am to 12:00pm

Partnering with the private sector in managing water and environmental resources - experiences of the IWASP program in Uganda

Theme: Showcasing collaborations between various government entities, the private sector and civil society in the Water and Environment Sector. A healthy private sector, big and small businesses, are vital to the future of Uganda's economy and society. They both rely on healthy water and environmental resources, as well as impact on water and environmental resources. How can businesses flourish at the same time as maintaining the resources that they rely upon. This session will explore that challenge and present specific experiences.

Lead Organization: Mathew Parr, Country Coordinator IWASP GIZ
UGANDA

Organising Partner(s): IUCN, MWE DWRM, KCCA, UMA

Speaker(s): Mathew Parr, Evelyn Busingye, Jackson Kitamirike,
Daniel Birungi

Schedule Morning of Wednesday 20th March

Utilization of the iRain tool for hydroclimatic applications in Uganda

The iRain App, a tool for global precipitation monitoring, whose user friendly interface is designed to facilitate stakeholder involvement in collecting data, as part of UNESCO-IHP's efforts to put science into action through the use of citizen science.

During the water week (18-22 March 2019), the team will carry out the following activities:

- a. Introduce the iRain system to potential users (both the web and APP version)
- b. Present results on the capability of the system to capture rainfall over Uganda
- c. Discuss potential hydroclimatic applications based on the iRain system over Uganda

Effectiveness of local WASH systems analyses on service improvement; A case of Kabarole District 2018

Theme: Trigger collective action towards WASH service improvements. Address factors that affect the likelihood that WASH services will be sustained such as WASH financing, monitoring, infrastructure management and development. Inform evidence based planning and collective action.

Lead Organization: IRC- International Water and Sanitation Centre,

Organising Partner(s): Kabarole District WASH Task team

Speaker(s) *name of invited speaker(s), To be confirmed*

Facilitator(s) *Florence Anobe and Martin Watsisi*

Date Tuesday 19th March 2019

Duration 2:00pm – 3:30 pm

**Addressing inequalities in society is a priority to attain SDG6
Commitments by Uganda Water and Sanitation NGO Network**

Case studies from 6 UWASNET members with innovative ways of addressing this gap through service provision and innovative financing::

Improving hygiene and sanitation in fisher communities -Vaal Namugga – Katosi Women Development Trust (KWDT)

Promotion of sanitation in fisher communities through ecological sanitation technologies -Lieven Peters - Protos

Governance a key factor for improvement of water and sanitation services for the urban poor -Rose Mwambazi - CIDI)

Incentives for piped water: - Dr. Adam Harvey, Director – WHAVE Solutions

Rain water for sale Ann Kikundwa, Coordinator – Uganda Rain Water Association

Credit for sanitation for the urban poor: Rose Mwambazi, - Coordinator – CIDI

**Promoting access to sustainable WASH in the Agago sub-catchment:
The experience of the WASH Alliance International Consortium**

Theme: Achieve the sustainable and equitable use of WASH by all, in Agago district, Agago sub-catchment. This side event will seek to have key partners share their experiences in: Improving behaviour change, leading to increased demand for improved WASH facilities and practices; Improving WASH service provision leading to increased availability and affordability of WASH products and services,

Strengthening WASH governance leading to governments enabling efficient and effective delivery of inclusive and sustainable WASH services.

organization(s) WASH Alliance International

Speaker(s) John Walugembe, (Water and Sanitation Entrepreneurs Association), Patrick Ogwang (Agency for Sustainable Rural Transformation), Pamela Kabasinguzi (Health for Water and Sanitation) James Kisekka; (Rain Foundation), Hajra Mukasa (Amref Health Africa in Uganda)

Duration 120 minutes

CAREER TALK @UWEWK 2019

Are You attending UWEWK 2019?

Are you a young water and environment professional?

Are you a fresh graduate in the water and environment sector?

Are you a final year student at University?

Are you seeking career opportunities in the water and environment sector such as; in the Ministry of Water and Environment, Organisations such as; GIZ, UN organisations, or the Private sector?

Do you want to know more about post graduate study opportunities that could enhance your career for example from DAAD?

THEN

Attend the career talk @UWEWK 2019 on 20th March 2019 from 11:00-2:00 pm

For more information: call 0771313133 #UWEWK 2019

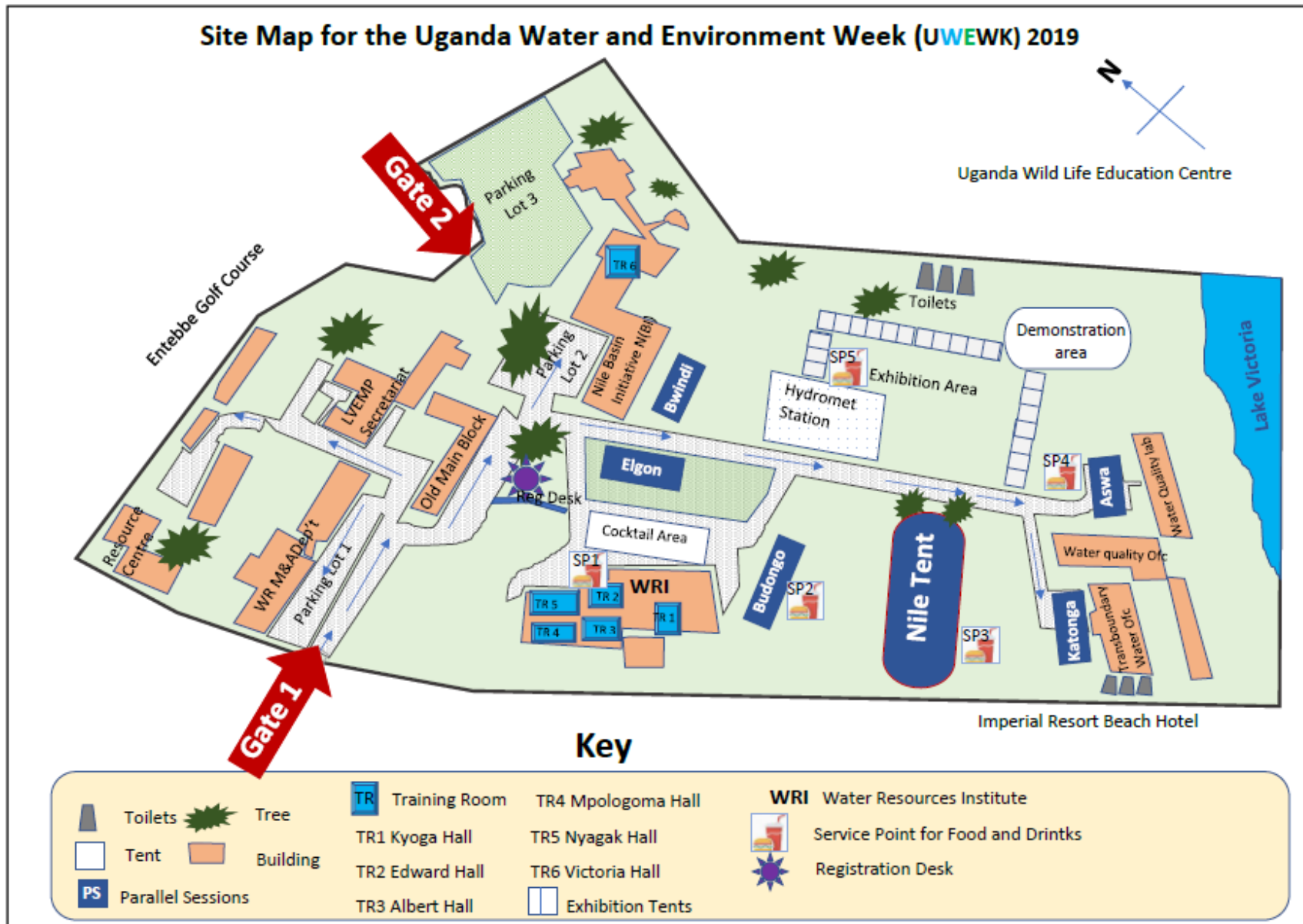
Applied Training

TRAINING	ORGANISERS	ROOM
Sustainable Development Goal 6 (SDG) Monitoring	Water Resources Institute	Aswa Hall
(i) Forest-based investments for poverty reduction and environmental sustainability	Forest Sector Support Department (FSSD) and Makerere University	Mpologoma Hall
Wetland Related Businesses	Wetlands Department	Katonga Hall
Effective Communication and Documentation of Water and Environment	International Water and Sanitation Centre (IRC) & Uganda Water and Sanitation Network (UWASNET)	Edward Hall
Water Source Planning and Protection	Directorate of Water Resources Management (DWRM)	Aswa Hall
Water Quality Assessment (Demonstration)	Mulago Diagnostics / Directorate of Water Resources Management (DWRM-WQD)	Mpologoma Hall
Micro Irrigation and Solar Technologies (Demonstration)	Water for Production	Katonga Hall
Innovations in School WASH Promotion: A case of using games	Water for People and Kamwenge DLG/ MOES	Budongo
Ground water monitoring using CTD Divers / Data Logger Technology	Water for People and Kamwenge DLG	Katonga Hall
Faecal Sludge Management	GIZ	Budongo

Field Visits

NO	FIELD VISIT SITE	LOCATION	ORGANISER
1.	Sustainable Forest Management through restoration	Kyansuzi Central Forest Reserve (CFR), Kamengo S/C MPIGI	National Forestry Authority (NFA) and Forest Sector Support Department FSSD
2.	Faecal Sludge Briquette Production	Nyanama	Water for People & National Water and Sewerage Corporation (NWSC)
3.	Role of Youth in Sustainable Forest Management	Kampilingisa, MPIGI	Youth Go Green
4.	Weather Forecasting at the New Radar	Entebbe Airport	Uganda National Meteorological Authority (UNMA)
5.	Innovations in waste water treatment using cleaner production strategies	Jinja	Directorate of Water Resources Management (DWRM) and Cleaner Production Centre
6	Effective Management of Piped Water supply Systems using the Umbrella Authority Model	Kiwenda, Wakiso	Urban Water and Sewerage Department
7	Small scale irrigation scheme	Kanamba, Mityana District	Water for Production
8	Manzi Solar Powered Water Project	Namayumba, Wakiso District	MWE/ Rural Water Department

SITE MAP





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