

ENSURING AVAILABILITY AND SUSTAINABLE MANAGEMENT
OF WATER AND SANITATION FOR ALL

Conference Timetable



Co-hosted with Kwame Nkrumah
University of Science and Technology
(KNUST), Kumasi, Ghana



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About the timetable

Note: Papers are listed by first-named author and some titles have been abbreviated.

Practical issues

In arranging the timetable for paper presentations, we consider several factors. On a practical level, as far as possible, we assign an equal number of papers for each session so that there is enough time for presentations to be delivered and time for a general discussion. We have parallel sessions in order to provide choice and to timetable the large number of papers we receive over three days of the conference.

Why the timetable may change

With an international conference there is always a risk that authors may not be able to confirm attendance until just before the conference starts. This timetable was printed when the majority of authors had registered for the conference. However, sometimes delegates may have to cancel at short notice and for this reason the timetable is subject to change at the last minute. To keep an even number of papers within sessions, papers may have to be moved between sessions or between parallel strands, but moving papers between days is avoided wherever possible. Papers are grouped according to the interests of the audience, rather than around the availability of authors, so some papers may have to move to an alternative session at short notice. Sessions are arranged to ensure that the majority of authors in each cluster have confirmed their attendance, minimizing the need to cancel or rearrange whole sessions.

Authors can help the organizers by confirming attendance or withdrawing their paper as early as possible if they know that they cannot attend and there is no one available to present the paper on their behalf. If somebody else other than the author will be presenting a paper, please let the organizers know. (Note that where known, alternative presenters are named on the timetable with the prefix: 'P:') If you are presenting two papers (perhaps one on behalf of a colleague), do inform the organizers or you may find you have to be in two places at once! Sometimes papers may not precisely fit into a session, but the aim is for a balanced timetable overall for the majority of delegates. Papers are assigned to sessions based on the title and the abstract. *Please note that the names referenced on the timetable are for identification purposes only and it should not be assumed that papers are necessarily sole-authored.*

How the papers were clustered into sessions

Rather than fitting papers randomly into predetermined themes, a bottom-up approach has been used. Papers have been clustered to be of interest to a common audience. We have tried to provide some clusters of specialist interest and other clusters to reflect cross-cutting themes. Whilst we realize that there are different approaches to grouping papers, a main benefit of attending a conference is to be exposed to new ideas and to network. Delegates may gain insight from seemingly disparate topics. Once papers have been grouped into thematic clusters, these are then arranged to follow consecutively, to avoid too many delegates changing rooms between sessions. There may still be times when delegates want to hear papers in parallel sessions, but hopefully we have minimized these clashes.

Sunday 10 July

Exhibitors set up: KNUST Campus, Petroleum Building, Ground Floor: 11.00 – 13.00

Registration: Golden Tulip Hotel: 15.00 – 18.00

Monday 11 July – morning

Registration: KNUST Campus, Petroleum Building, Ground Floor: 08.00 onwards

Exhibitors set up: KNUST Campus, Petroleum Building, Ground Floor: 08.00 – 09.00

OPENING PLENARY 09.00 – 10.00

Refreshments: 10.00 – 10.30

PAPER SESSION 1 10.30 – 12.00

Session A1	Session B1	Session C1	Session D1	Session E1
Rural water Facilitators: Brian Reed / KNUST	Healthy communities Facilitators: Julie Fisher / KNUST	Public and shared toilets Facilitators: Kevin Sansom / KNUST	Leadership and governance Facilitators: Sam Kayaga / KNUST	Monitoring WASH Facilitators: Rebecca Scott / KNUST
Operational, financial and institutional considerations for rural water services: insights from Kyuso, Kenya Goodall, Susanna (2482)	Relying on local socio-cultural values to have good hygiene practices permanently adopted Hamadou, M. (2440)	Improving the quality of public toilet services in Kumasi, Ghana Craig R. (2441) <i>(P: Musah, I.B.)</i>	Good governance for sustainable WASH programming: lessons from two USAID-funded projects Bales, Dustin (2511)	Monitoring sustainability within a regional WASH project: emerging lessons from West and Central Africa Jawara, Dawda (2515) <i>(P: Naylor, K.)</i>
Tracking district budgeting and expenditure on rural water services in Uganda Magara, Peter (2361)	Clean and green Gangasagar Mela: an initiative for ensuring safe sanitation and hygiene for millions Salim, Bava (2434)	A toilet in every compound: improving access to compound toilets in Kumasi and Ga West, Ghana Mikhael, G. (2463) <i>(P: Kettey, R.)</i>	Champions for WASH: understanding the nature of leadership in rural sanitation in India Bejjanki, Vijeta Rao (2501)	ICT enabled monitoring fosters greater accountability and improves WASH Services in communities Nadar, Kannan (2371)
A market-based approach for sustainable rural water supply: experiences from Tanzania Maltha, A. (2439)	Healthy islands concept in Papua New Guinea Yeung, Sonia (2527)	Investigating quality of shared sanitation facilities in informal settlements of Kisumu, Kenya Simiyu, Sheillah (2376)	Facilitating sanitation governance in small town DRC Galli, Giacomo (2444)	High-risk water and sanitation practices: evidence of underreporting from eight countries Vedachalam, Sridhar (2445)
Rural WASH Project: results from baseline survey of 33 districts in Zimbabwe Munyaka, M. (2353)		Behavioural factors for improved after-use cleaning habit of shared latrines in Kampala slums, Uganda Tumwebaze, Innocent Kamara (2483)		

Lunch: 12.00 – 13.30

Refreshments and Lunches

Please ensure that you wear your conference badge at all times.
Please keep and present your appropriate lunch vouchers which *must* be submitted to obtain lunch.

Monday 11 July – afternoon

PAPER SESSION 2

13.30 – 15.00

Session A2	Session B2	Session C2	Session D2	Session E2
Maintenance of rural water supplies Facilitators: Sam Kayaga / KNUST	WASH and health Facilitators: Emily Rousham / KNUST	Innovative sanitation Facilitators: Rebecca Scott / KNUST	Building capacity Facilitators: Brian Reed / KNUST	Learning lessons Facilitators: Ksenia Chmutina / KNUST
Application of the Circuit Rider Methodology in Latin America and Africa Apambire, Braimah (2518) (P: Cuéllar, V. M.) Fundifix: exploring a new model for maintenance of rural water supplies Goodall, Susanna (2414) Low resource innovations for sustaining service delivery: examples from districts in Malawi Nilsson, Kristina (2490) Using handpump density breakpoint to assess commercial viability of spare parts stores in Liberia Schweitzer, Ryan (2356)	A participatory nutrition causal analysis and operational research on WASH and nutrition interaction Dodos, Jovana (2409) (P: Lapegue, J.) The importance of WASH in health centres in India: a study of WASH facilities in five states Jacob, Nitya (2381) (P: Das, S.) WASH Committees (WASHCOM) drive birth registration and immunization of children in their communities Nadar, Kannan (2368)	User perceptions and practical considerations for implementation of advanced sanitation technologies Cruddas, Peter (2492) Customising the toilet designs: a key to growth factor under universal sanitation programme Prasad, Uday Shankar (2392) Trialling innovative sanitation solutions for low-income communities in Dhaka, Bangladesh Rahman, H. (2469) (P: Hassan, Md. A.) How the technical approach of projects impacts the sanitation sector in developing countries such as Lebanon Ricau, M (2433)	Willingness to pay for WASH education services: a case study in Honduras Coff, B. (2478) (P: MacDonald, L. and/or English, S.) Strengthening learning and knowledge management: a review of WaterAid's approach Cranston, Pete (2549) (P: Gosling, L.) Overcoming capacity gaps in fecal sludge management through education and training Philippe, S. (2474) (P: MacDonald, L. and/or English, S.) Build or buy? A case for both: hiring and growing transformational leaders in WASH Wei, Yi (2526)	Rural WASH project in Zimbabwe: monitoring and feedback mechanism for accelerating progress Ahmad, Tameez (2352) (P: Munyaka, M.) WaterPower: studying physical and sociopolitical factors in water security Bruns, Antje (2519) (P: Alba, R.) Lessons learned from a consortium model for rural WASH: experiences of the DRC WASH Consortium Jones, Stephen (2387) (P: Gian, M.) Lessons learnt by Concern Worldwide over 16 years of WASH programmes in North Korea McGrath, Siobhan (2416)

Refreshments: 15.00 – 15.30

PAPER SESSION 3

15.30 – 17.00

Session A3	Session B3	Session C3	Session D3	Session E3
Financing, pricing and cost Facilitators: Kevin Sansom / KNUST	Demand-led sanitation Facilitators: Claire Furlong / KNUST	Flows of waste Facilitators: Rebecca Scott / KNUST	Espresso presentations Facilitators: Julie Fisher / KNUST	Measuring progress Facilitators: Hazel Jones / KNUST
Monitoring rural water services for sound evidence-based planning and finance decision making: lessons from Ghana Adank, Mariekke (2551) Cost recovery for piped rural water supply systems in developing countries: case studies Angwec, Catherine Agwai (2540) (P: Kayaga, S.) Finance for long-term sustainability of small towns piped water services: the case of Ghana Nedjoh, J. (2514)	Rolling out Zimbabwean approach to demand-led sanitation in most vulnerable communities Ahmad, Tameez (2427) (P: Nesbert, S.) Strengthening demand, supply and enabling environment for sanitation in the Philippines Akudago, John (2504) Seeking evidence of sustained sanitation successes Davis, Susan (2349) An approach to measurement of the sustainability of sanitation marketing WASH programs Nicoletti, C. (2443) P: Lestikow, G.	Drug disposal flow diagrams and sustainable water quality Esseku, Yvonne Yirenyiwaa (2520) Analysis of faecal sludge collection efficiency for improvement in developing countries Flamand, Pierre (2420) Learnings from implementing the excreta flow diagram (SFD) process in Kumasi Furlong, Claire (2567) Implications of inappropriate containment on urban sanitation and environment: a study of Faridpur, Bangladesh Islam, Rafiul (2451)	Espresso Slot sessions are varied and subject to additions at short notice. Lists of the presentations will be available on the day at the scheduled room and at the WEDC desk.	Revisiting MDGs in view of accessibility with particular attention to distance: examples in Eastern Africa Cassivi, A (2502) Indicator framework for monitoring SDG target on sanitation: a review through the lens of human rights Gine Garriga, Ricard (2428) WASEP model in improving access to water and sanitation in Pakistan: an example in best practices Parpia, Amirali (2431)

Monday 11 July – evening

SIDE EVENTS

17.15 – 18.45

Room A	Room B	Room C	Room D
Groundwater Assessment Platform (GAP) for Geogenic Contaminants EAWAG	Integrating WASH into Nutrition Programs to Contribute to Stunting Reductions: SPRING Ghana country office experience <i>Strengthening Partnerships, Results and Innovations in Nutrition Globally (SPRING) Ghana country office</i>	Triggering an Effective Financing Market for Household Sanitation WSUP/PSI	WASH Innovation in East Africa: Story, Impact and Funding Opportunity HDIF and WEDC

Tuesday 12 July – morning

PAPER SESSION 4

08.30 – 10.00

Session A4	Session B4	Session C4	Session D4	Session E4
Self-supply Facilitators: Sam Kayaga / KNUST	Emergency WASH Facilitators: Brian Reed / KNUST	Faecal sludge treatment Facilitators: Mike Smith / KNUST	Water resources Facilitators: Ksenia Chmutina / KNUST	Inclusive WASH Facilitators: Hazel Jones / KNUST
Household access to groundwater and its implication in an urban poor community, Ghana Adjei, S. (2470)	Community-led total sanitation (CLTS) in fragile contexts: the Somalia case Gitau, M. (2460) <i>(P: Heelham, J.)</i>	Effect of different income housing zones on effluent quality of Biofil toilet waste digesters in Accra, Ghana Amoah, Philip (2498)	Addressing Accra's flooding challenges within a sustainable development context Andoh, Robert (2556)	Sanitation for all: a framework for research and practice in improving equity for people with disabilities Desai, Gauri (2497) <i>(P: Smith, K & and Wilbur, J.)</i>
Self-supply as a traditional model for the improvement of water supply in Onitsha, Nigeria Ezenwaji, Emma (2455)	WASH governance in support of humanitarian programs in South Sudan: a case study Lerebours, Alix (2370) <i>(P: Lapègue, J)</i>	Development of low-cost decentralized faecal sludge treatment system for resource recovery Atwijukye, Osbert (2432)	Securing water resources to build community resilience to water threats and climate variability in the Sahel Damiba, L. (2447)	Moving towards reaching everyone through WASH investment planning Keesiga, Diana (2471) <i>(P: Atwijukye, O.)</i>
Rural water service delivery and innovations in Uganda Rugumayo, Albert (2394)	Sanitation management and information technology in Za'atari refugee camp, Jordan Melloni, G. (2509)	Comparison of scales for faecal sludge gravimetric characterization in low-resource settings Therrien, J. D. (2391)	Empirical evidence on the potential of rainwater harvesting for residential water supply in Accra Donkor, Emmanuel (2348)	Mainstreaming equality and inclusion in WaterAid: an overview of key triggers for success and challenges Wilbur, Jane (2546)
Towards universal coverage: self-supply as part of the solution for the hard-to-reach in Zambia Sutton, Sally (2369) <i>(P: Ngoma, M.)</i>	WASH interventions in emergencies and outbreaks: two systematic reviews and impact analyses Yates, Travis (2479) <i>(P: Rayner, J.)</i>	A novel wastewater treatment ecotechnology to improve environmental sanitation in urban slums Manzoor-Al-Islam, Saief (2403)	Groundwater occurrence in Damaturu and its environs, Yobe State, North Eastern Nigeria Musa, Kachalla (2396)	Instituting equity and inclusion in market-based approaches: reaching the poor and disabled in sanitation Wei, Yi (2522)

Refreshments and

poster presentations:

10.00 – 10.30

Poster presenters will be available at their posters to discuss with delegates

PAPER SESSION 5

10.30 – 12.00

Session A5	Session B5	Session C5	Session D5	Session E5
Institutional development Facilitators: Kevin Sansom / KNUST	Humanitarian sanitation Facilitators: Brian Reed / KNUST	FSM – Management Facilitators: Rebecca Scott / KNUST	Water balance Facilitators: Mike Smith / KNUST	WASH and people with disabilities Facilitators: Hazel Jones / KNUST
Institutional sustainability: a case study on project transition in rural Malawi Hughes, Genevieve (2508)	How to improve sanitation in Mae La refugee camp: Sludge treatment unit Cavalazzi, F. (2436) <i>(Laolumpook, A. / Saga, B.)</i>	A socio-economic analysis of different approaches to faecal sludge treatment in Sunyani, Ghana Mallory, Adrian (2362)	Effect of land use/cover change on the regimes of surface runoff for Lake Basaka catchment Dinka, Megersa Olumana (2457)	Intra-household access to WASH in Uganda and Zambia: do variations exist? Danquah, Lisa (2467) <i>(P: Wilbur, J.)</i>
A case for governance and institutional re-alignment for small towns piped water services Nedjoh, John (2489)	Effects of high-strength fecal sludge in wastewater stabilization ponds: Port-au-Prince, Haiti Martinsen, Andrea (2398)	Assessment of FSM policies and programs in India: a case study of Tamil Nadu Pasi, Nidhi (2406)	Statistical analysis of water storage capacity and days-storage for single-family households in Accra Donkor, Emmanuel (2338)	Everyone everywhere: accessible household sanitation for persons with disabilities Das, Siddhartha (2408)
Delivering WASH services in a devolved context: the experience of Kenya Sara, Lewnida (2412)	Limitations of chlorine disinfection of human excreta: implications for Ebola disease control Trajano, D.G.S. (2446)	Ensuring sustainable sanitation for all: learnings for a toolbox Rathi, Sujaya (2419)	Measuring the hydraulic functionality of PPP-managed water supply infrastructure in Madagascar Ermilio, Jordan (2503)	Creating environments to support participation of people with disabilities in public service delivery Mvere, Charity (2365)
Supporting institutional development for WASH action research with practioners in four countries Snel, Marielle (2476)		A social business model for the provision of household ecological sanitation services in urban Haiti Remington, C. (2529)		Public-private partnership for inclusive sanitation in informal and peri-urban areas of Ouagadougou Sow, J.A. (2452)

Lunch:

12.00 – 13.30

Tuesday 12 July – afternoon

SIDE EVENTS

13.30 – 15.00

Room A	Room B	Room C	Room D	Room E
Resource Recovery and Reuse: Opportunities and challenges for taking successful business models to scale <i>International Water Management Institute (IWMI)</i>	Disinfection of Human Excreta in Emergencies: The evidence base for safe intervention <i>University of Brighton</i>	The Missing Middle: The Opportunity of Small Water Enterprises <i>Safe Water Network</i>	Using an Evidence-based Decision Making Process to Guide Sanitation Investments in Low Resource Urban Communities: The SaniPath tool – A case study of Accra Ghana <i>Center for Global Safe Water, Sanitation and Hygiene, Emory University/Water Institute of CSIR/ TREND Group, Ministry of Local Government and Rural Development</i>	WASH and Decentralisation: Strengthening districts' leadership in the delivery of the SDGs (Universal Access) <i>WaterAid</i>

Refreshments and poster presentations:

15.00 – 15.30 Poster presenters will be available at their posters to discuss with delegates

PAPER SESSION 6

15.30 – 17.00

Session A6	Session B6	Session C6	Session D6	Session E6
Espresso presentations Facilitators: Ksenia Chmutina / KNUST	Humanitarian water supply Facilitators: Brian Reed / KNUST	Beyond CLTS Facilitators: Claire Furlong / KNUST	Water treatment Facilitators: Mike Smith / KNUST	WASH and women Facilitators: Julie Fisher / KNUST
Espresso Slot sessions are varied and subject to additions at short notice. Lists of the presentations will be available on the day at the scheduled room and at the WEDC desk.	Cost evaluation of sustainable solar: diesel hybrid power for water pumping in refugee camps in Dadaab, Kenya Ahmed, O. (2495) <i>(P: Golay, F.)</i> Utilising solar water pumping for development-oriented relief in refugee settings in Uganda Armstrong, Andrew (2500) The Merti aquifer in Kenya: a sustainable water resource for the Dadaab refugee camps Blandenier, Lucien (2430)	CLTS plus : making CLTS ever more inclusive Jones, Hazel (2533) CLTS versus other approaches to promote sanitation: rivalry or complementarity? Rama, Martina (2548) <i>(P: Ricau, M.)</i> To ODF and beyond: sharing experiences from the Pan African CLTS programme Singeling, Mascha (2438) Who is managing the post-ODF process in the community? A case study of Nambale District in Western Kenya Wamera, Elizabeth (2344)	Innovation and lessons learnt in design and pilot implementation of clay-bodied bio-sand filters in Niger Akudago, John (2507) Improving the method for district safe water coverage estimation in Uganda Odongo, Augustine (2453) <i>(P: Rugumayo, A.)</i> Performance of iron removal plants on groundwater: field assessment in Central Uganda Okurut, Kenan (2386) Evaluation of household drinking water filter distribution programmes in Haiti Rayner, J.S. (2462)	Menstrual health management in some selected basic schools in Ghana Abanyie, Samuel (2389) <i>(P: Anang, R.)</i> Finding hidden knowledge in WASH Bhakta, Amita (2568) Supporting sanitation and hygiene in prisons: WaterAid's support for Bolle detention centre in Mali Traore, M. (2473) Menstrual hygiene: engaging with governments to strengthen programmes of action Tripathy, Anjali (2524)

Tuesday 12 July – evening

SIDE EVENTS

17.15 – 18.45

Room A	Room B	Room C	Room D	Room E
Redefining Monitoring of Rural Water Services for Sustainable Impact <i>IRC/CWSA</i>	Putting Household Water Treatment Technologies to the Test <i>World Health Organisation (WHO)</i>	Sustainable Sanitation for All: Experiences, Challenges and Innovation (African Book Launch and discussion of selected chapters) <i>CLTS Knowledge Hub and IDS</i>	WASH Capacity Building Needs for Developing Countries <i>CAWST; Desert Research Institute</i>	Promising Business Models for Urban Sanitation Solutions <i>PSI/PATH/WSUP</i>

NETWORKING NIGHT: 19.00 – 21.00 Location: The Great Hall, shuttle bus will convey delegates after side events have finished.

An informal social event including drinks and snacks. Please have your badge and tokens with you.

Wednesday 13 July – morning

PAPER SESSION 7

08.30 – 10.00

Session A7	Session B7	Session C7	Session D7	Session E7
Managing urban water systems Facilitators: Sam Kayaga / KNUST	Emergency to development Facilitators: Ksenia Chmutina / KNUST	Sanitation at scale Facilitators: Rebecca Scott / KNUST	Water availability Facilitators: Brian Reed / KNUST	Hygiene knowledge Facilitators: Julie Fisher / KNUST
Challenges in operation of the Abuja water distribution system: headquarters and area office perspectives Enang, Roses Ita (2557) Public water utility versus private: the case of Burao and Borama, Somaliland Hashi, Faisal (2327) Benchmarking sustainability of small towns piped drinking water services Nedjoh, John (2491) Service level delivery of municipal and private water sources in Olodi-Apapa, Ajeromi-Ifeoludun LGA, Lagos Ogunbajo, Abdul Hakeem (2521) <i>(P: Olaleye N.O.)</i>	Development-oriented relief and recovery in the WASH Sector: a survey of current practice Armstrong, Andrew (2379) Training on WASH in the transition from emergency to development in earthquake affected areas of Nepal Boudreau, L. (2477) <i>(P: MacDonald, L. and/or English, S.)</i> Transitioning from emergency response to long term development in Bulawayo, Zimbabwe Chadzima, A. (2397) <i>(P: Chidavaenzi, M.)</i>	Seven-fold increase in progress of community-led, community-driven sanitation in Odisha, India Mohapatra, Pradipta Kumar (2364) <i>(P: Das, S.C.)</i> Using a CLTS approach and/or CLTS tools in urban environments: themes and trends Myers, Jamie (2425) Building ODF communities through effective collaboration with governments Tripathy, Anjali (2405)	Poverty penalty: strategies for coping with water access among urban poor in Abuja, Accra Amankwaa, Ebenezer Forkuo (2555) Open cast mining: threat to water availability in Southeastern Nigeria Okolo, C.C. (2363) Linking water pricing with users conservation behaviour in selected households in Lahore, Pakistan Fazal, Nosheen (2553) <i>(P: Sansom, K.)</i>	Catching them young: an assessment of hygiene knowledge in government school children in Delhi Bhalla, Ankita (2401) <i>(P: Cherukupalli, A.)</i> Achieving sustainable hygiene behavioural transformation through a holistic phase approach Walude, Mtwalib (2435) Shocking imagery and cultural sensitivity: a CLTS case study from Madagascar Lomas, B. (2424)

Refreshments:

10.00 – 10.30

PAPER SESSION 8

10.30 – 12.00

Session A8	Session B8	Session C8	Session D8	Session E8
Espresso presentations Facilitators: Julie Fisher / KNUST	Solid waste management Facilitators: Brian Reed / KNUST	Scaling up sanitation Facilitators: Claire Furlong / KNUST	Water quality Facilitators: Mike Smith / KNUST	Participation and engagement Facilitators: Ksenia Chmutina / KNUST
Espresso Slot sessions are varied and subject to additions at short notice. Lists of the presentations will be available on the day at the scheduled room and at the WEDC desk.	An exploration of sanitation and waste disposal practices in low-income communities in Accra, Ghana Abraham, Ernest M (2429) What are the solutions to trash in full pit latrines for peri-urban Mzuzu, Malawi? Chipeta, Willy (2547) Solid waste management in developing countries: a case study of Dar Es Salaam City, Tanzania Kassim, Sahla (2543) <i>(P: Kayaga, S.)</i> Survey of waste disposal and its perception among residents of Sokoto Metropolis, North-Western Nigeria Magami, Ibrahim (2333)	A study on scaling-up latrine and human excreta management in rural communities of Afghanistan Bhandari, Betman (2384) Partial usage of toilets: a growing problem Myers, Jamie (2354) Universal sanitation coverage through addressing issues of slippages and defunct toilets Nayak, Vishal (2417) Benchmarking sanitation service delivery in metropolitan, municipal and district assemblies in Ghana Sackeyfio, Christopher (2357)	Groundwater quality in shallow unconfined sedimentary aquifers in Bida, Nigeria Abdullahi, Idris-Nda (2339) Groundwater quality in a low-income community: case study of Koteti, Kumasi Agbefu, Bernadette Dzifa (2554) Sustained effectiveness of chlorinators installed in community-scale water distribution systems in Haiti Rayner, J.S. (2461)	Increasing local participation in monitoring and learning to improve WASH services in schools Kere, C. (2458) <i>(P: Nikiema, L.)</i> Citizens' participation in improving WASH services in urban India Kumar, Chanchal (2506) Capturing the consumer-voice: an evaluation of the social sustainability of water users associations in Malawi Magoya, J. (2413) Water and sanitation competition: an effective approach for promoting sustainable WASH services Namata, Teo (2345)

Lunch:

12.00 – 13.15

Wednesday 13 July – afternoon

ORGANIZERS' PRESENTATIONS 13.15 – 14.00

Room A	Room B	Room C
An introduction to KNUST	An introduction to WEDC and its programmes and courses	Feedback from sponsored delegates

SIDE EVENTS 14.00 – 15.30

Room A	Room B	Room C	Room D
Sanitation Marketing in Ghana: Key findings and Implementation experiences <i>UNICEF/TREND/RUFINLIT/KNUST</i>	Overcoming Barriers to System-wide Action in the WASH Sector <i>Desert Research Institute, Improve International, Water Mission and Whave</i>	Measuring WASH Sustainability in a Payment By Results Context <i>Plan International UK, SWIFT Consortium and SNV</i>	Successes and Challenges in Household Water Treatment (HWT) Technology Promotion and Sustainability of WASH in Schools <i>Foundation for Partnership Initiatives in the Niger Delta (PIND)</i>

Refreshments: 15.30 – 16.00

CLOSING CEREMONY 16.00 – 17.00

Wednesday 13 July – evening

SIDE EVENTS 17.15 – 18.45

Room A	Room B	Room C	Room D
Using a Risk Informed and Evidence-based Approach to Fight Cholera <i>UNICEF</i>	Remodelling and Catalysing Partnerships for Urban Sanitation Finance in Ghana: Local governments share their experiences <i>MLGRD/IMC Worldwide/ IRC Ghana/ WHS/Maple Consults</i>	Looking Beyond ODF: Planning and Implementing for Sustainability <i>Plan International</i>	Finance and Responsibility: Crucial determinants of continuous rural WASH service delivery <i>UNICEF Madagascar</i>

GALA NIGHT: 19.00 – 22.00 – The Great Hall, KNUST Campus. Shuttle bus will convey delegates after side events have finished.

Don't forget your voucher or your dancing shoes!

Thursday 14 July

Capacity Development Workshops

Morning: 08.30 – 12.00 (Break: 10.00 – 10.30 Lunch: 12.00 – 13.30)

Afternoon: 13.30 – 17.00 (Break: 15.00 – 15.30)

Room A	Room B	Room C	Room D	Rooms E, F & G	
Training in Sanitation for Low-Income Urban Areas <i>KNUST</i> [2 days]	From Implementing to Transitioning: The role NGOs play while exiting projects <i>WASH Catalysts Malawi/ Engineers without Borders Canada</i> [0.5 day]	Making your Own Excreta Flow Diagram (Shit Flow Diagram – SFD) <i>WEDC, University of Leeds, World Bank Water Group, EAWAG/SANDEC, CSE, Susana</i> [1 day]	Understanding Groundwater and Wells <i>Ann Campana Judge Foundation</i> [0.5 day]	Making WASH Inclusive: with a focus on disability, menstrual hygiene, and violence, gender and WASH <i>WaterAid / WEDC / World Vision & Messiah College</i> [1 day]	
Lunch					
Training in Sanitation for Low-Income Urban Areas ... continued	Adapting Collective Impact Models to Solve Complex Service Delivery Challenges <i>WASH Catalysts Malawi/ Engineers without Borders Canada</i> [0.5 day]	Making your Own Excreta Flow Diagram (Shit Flow Diagram – SFD) ... continued	Strengthening Institutions to Meet the Rural Sanitation Sustainable Development Targets <i>World Bank Water Practice, Water and Sanitation Program</i> [0.5 day]	Making WASH Inclusive: with a focus on disability, menstrual hygiene, and violence, gender and WASH ... continued	Field trip: Municipal-led Total Sanitation* [0.5 day – Thursday pm] The aim of the trip is to share learning on how municipalities in partnership with development partners can creatively lead efforts and complement each other's strengths to improve sanitation in urban areas.

* The field trip will leave at 13.00 promptly. Delegates should have their lunch first.

Friday 15 July

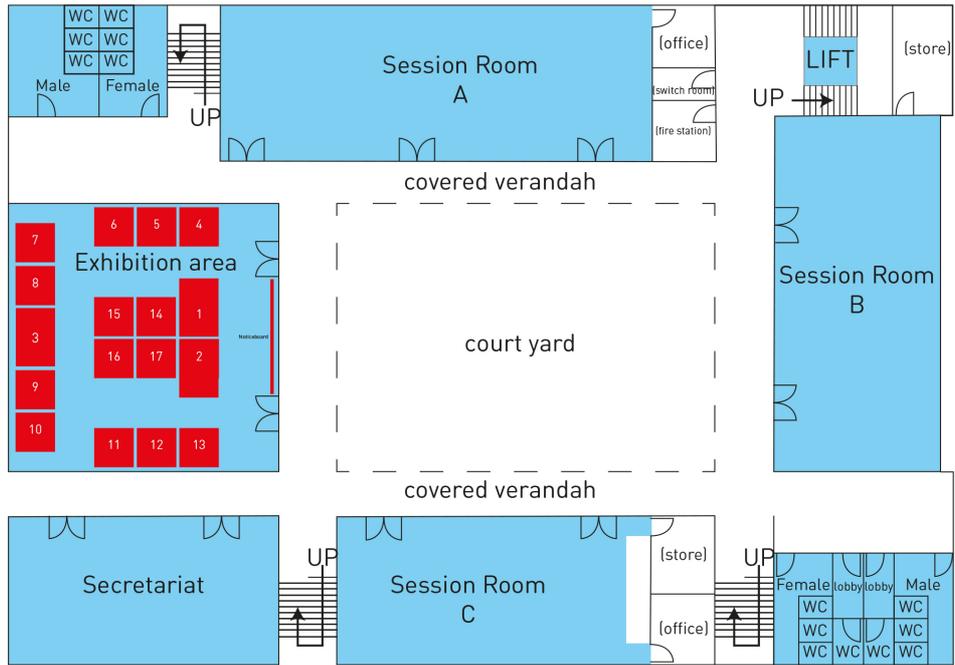
Capacity Development Workshops

Morning: 08.30 – 12.00 (Break: 10.00 – 10.30 Lunch: 12.00 – 13.30)

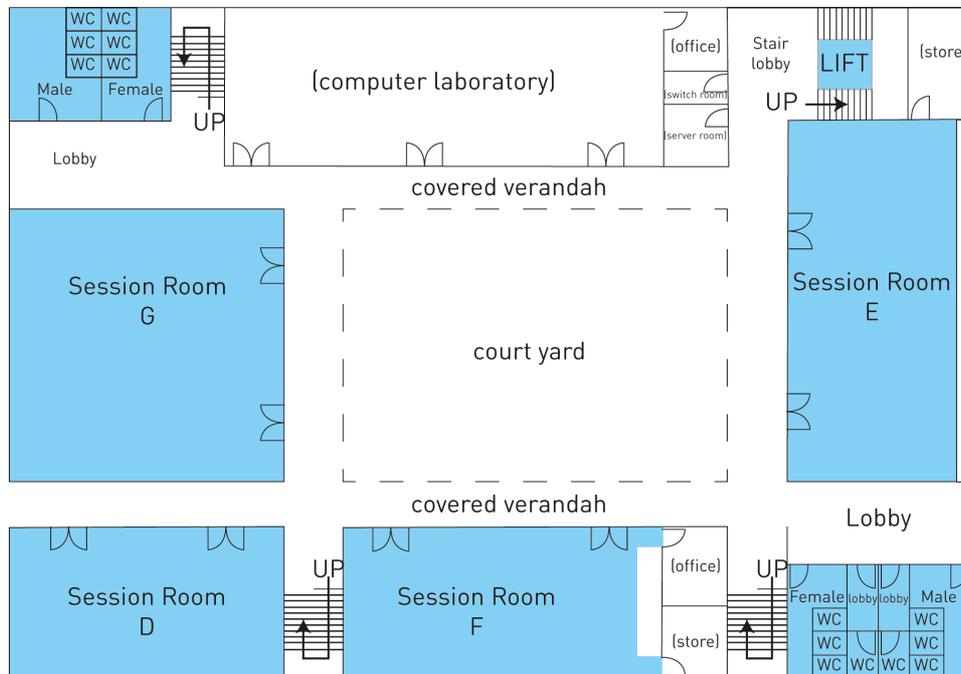
Afternoon: 13.30 – 17.00 (Break: 15.00 – 15.30)

Room A	Room B	Room C	Room D	Room E
Training in Sanitation for Low-income Urban Areas KNUST [2 days]	Realising the Human Rights to Water and Sanitation: From Policy to Practice <i>WaterAid</i> [0.5 day]	Outcome Mapping Participatory Development Associates (PDA) [0.5 day]	Introduction to Faecal Sludge Management (non technical aspects) <i>CAWST and SANDEC/EAWAG</i> [0.5 day]	Role of Sustainability in disaster risk reduction for water and sanitation development programmes <i>WEDC</i> [0.5 day]
Lunch				
Training in Sanitation for Low-income Urban Areas ... continued	How to apply market based approaches to sanitation? <i>Practical Action</i> [0.5 day]	Introduction to design approaches for Faecal Sludge Treatment Technologies <i>CAWST and EAWAG/SANDEC</i> [0.5 day]	Utilizing the Delphi Technique to Understand Factors that Influence the Sustainability of Water Supply Infrastructure <i>Villanova Engineering Service Learning</i> [0.5 day]	Field trip: Strengthening Faecal Sludge Management in Kumasi* [0.5 day – Friday pm] The aim of the trip is to share learning and planned works on improving the management of FSM infrastructure and services (emptying and treatment).

* The field trip will leave at 13.00 promptly. Delegates should have their lunch first.



Ground Floor



Second Floor