

LOCAL ACTION WITH INTERNATIONAL COOPERATION TO IMPROVE AND
SUSTAIN WATER, SANITATION AND HYGIENE (WASH) SERVICES

Conference Timetable

DRAFT: 14/07/2017

Please note that details contained
in this document are still subject
to change



24–28 July 2017

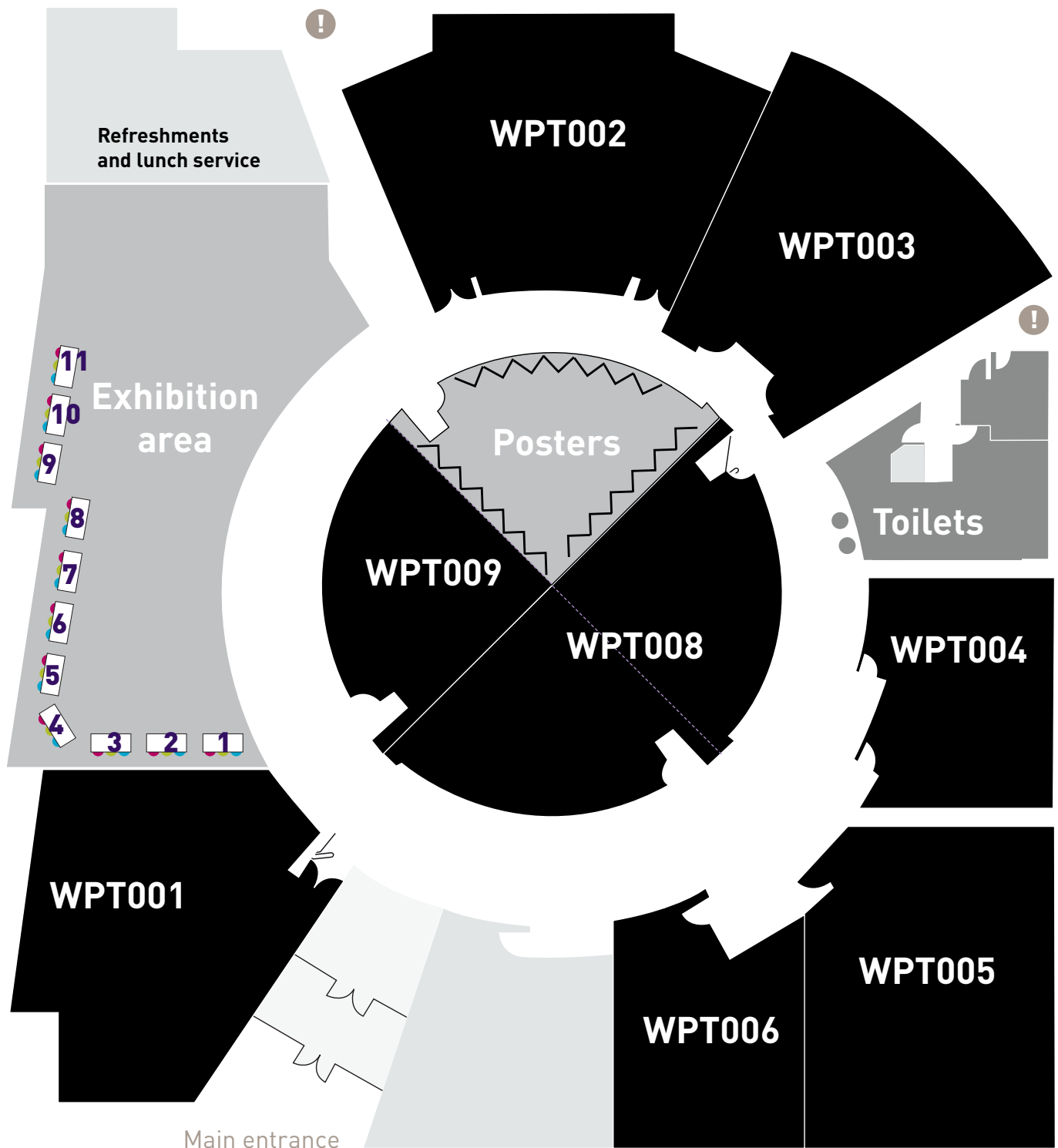


**Loughborough
University**

Venue – West Park Teaching Hub

! Emergency exits

● Water fountains



Exhibitors

| | | | |
|---|--|----|----------------------|
| 1 | Practical Action | 7 | The Safe Water Trust |
| 2 | Wagtech Projects Ltd | 8 | A-Aqua AS |
| 3 | IDS | 9 | UNICEF/WHO |
| 4 | RedR | 10 | WaterAid |
| 5 | Palintest Ltd | 11 | WEDC |
| 6 | SMART Centres / Transform International | | |

Useful information

Confirmation of registration

Sunday 23 July 15.00 – 17.00 in the John Pickford Building (Campus map reference: **HH21**)

Monday 24 to Friday 28th July from 08.00 at the conference venue West Park Teaching Hub (Campus map reference: **WPT11**)

Exhibitors may set up

Sunday 23 July between 16.30 and 17.45 at the conference venue (West Park Teaching Hub) and between 08.00 and 09.00 on Monday morning, also in the West Park Teaching Hub (Campus map reference: **WPT11**)

Where to eat and drink

We have arranged buses from campus into Loughborough town centre and back as follows. All buses leave from the Whitworth Building (campus map reference: **WH38**) and will drop you off in Loughborough town centre, Bedford Square (See the map of Loughborough town centre in the programme). The buses leave and return from Bedford Square at the following times. See the programme for suggestions of where to eat and drink. *Note: Times are different on each day*

SATURDAY: 18.00 return 21.00 **SUNDAY:** 18.30 return 21.00 **MONDAY:** 19.30 return 21.30
THURSDAY: 18.30 return 21.30 **FRIDAY:** 18.30 return 21.30

Social events

Networking Night on Tuesday 25 July evening at Village Bar (**ER26** on Village Park of campus map): 19.30 onwards

Gala Dinner on Wednesday 26 evening at Edward Herbert Building (**EHB J62**) includes BBQ, live band: 19.30 onwards

Timetable notes

Afternoon refreshment breaks Monday to Wednesday – Poster presenters please be in the poster area, delegates please discuss the posters with them

Lunchtimes are between 12.00 and 13.25. Hot and cold buffet lunch will be served in the exhibition area please be sure to hand in your lunch tokens. The following lunchtime sessions are also included in the programme:

Monday 12.45 – 13.25

Distinguished Alumni Discussion – with Mark Harvey and George Yarngo (WPT001)

Guided Walk – our student helpers will show you a short circular walk on campus to help you stretch your legs and have some fresh air – meet at main entrance.

Tuesday 12.45 – 13.25

Vice Chancellor of Loughborough University Address – welcome and introduction to Loughborough (WPT001)

Guided Walk – our student helpers will show you a short circular walk on campus to help you stretch your legs and have some fresh air – meet at main entrance.

Wednesday 12.45 – 13.25

Career Reflections – Andrew Cotton and Ian Smout will reflect on their careers in WASH (WPT001)

Introduction to WEDC and its Learning and Teaching Programmes (WPT002)

Guided Walk – our student helpers will show you a short circular walk on campus to help you stretch your legs and have some fresh air – meet at main entrance.

Thursday and Friday 12.45 – 13.25

Mindfulness sessions in the poster area of WPTH. Please arrive promptly as once the session has started it may not be interrupted.

Why the timetable may change

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

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.

Sunday 23 July

| | | |
|-------------------------------|--|---------------|
| Registration: | WEDC, The John Pickford Building (West Park map: HH21) | 15.00 – 17.00 |
| Exhibitors set up: | West Park Teaching Hub (West Park map: WPT11) | 11.00 – 13.00 |
| Bus into Loughborough: | Whitworth Building (Campus map: WH38) | 18.30 |

Monday 24 July – morning

| | | |
|---------------------------|---------------|---|
| Registration: | 08.00 onwards | West Park Teaching Hub (West Park map: WPT11) |
| Exhibitors set up: | 08.00 – 08.55 | West Park Teaching Hub (West Park map: WPT11) |
| OPENING PLENARY | 09.00 – 10.00 | WPT002 / WPT003 |
| Refreshments: | 10.00 – 10.25 | |
| PAPER SESSION 1 | 10.30 – 12.00 | |

| Session A1: Room WPT001 | Session B1: Room WPT002 | Session C1: Room WPT003 | Session D1: Room WPT004 | Session E1: Room WPT005 |
|--|---|--|--|---|
| Faecal sludge management <i>Facilitator: Michael Smith</i> | Implementing sanitation <i>Facilitator: TBC</i> | MHM in schools <i>Facilitator: Julie Fisher</i> | WASH and nutrition <i>Facilitator: Sue Cavill</i> | Rural WASH programmes <i>Facilitator: Brian Reed</i> |
| <p>Designing pit emptying technologies: combining lessons from the field with systems thinking Buckley, Chris (2826)</p> <p>Faecal sludge emptying services in Trinidad Ifill, Shervon (2813) <i>P: Sam Kayaga</i></p> <p>After the pit is full: understanding latrine emptying in Fort Dauphin, Madagascar Kirsch, Kathleen (2594) <i>P: Mimi Coultas</i></p> <p>Community-led integrated model for sustainable and inclusive faecal management and WASH services Sahu, Guruprasad (2724)</p> <p>Diagnostic and decision-support tools for effective faecal sludge management (FSM) services Scott, Rebecca (2608)</p> | <p>Improving sanitation in the Niger Delta Gilbert, Nancy (2626)</p> <p>Model village approach: case of Kamwenge District Keesiga, Diana (2778)</p> <p>The outcomes of community-based water, sanitation and hygiene interventions: a case of Bangladesh Mondal, Biplob Kanti (2576)</p> <p>Barefooted community consultants: an efficient way to deliver SDG-6.2 target in Nigeria Nadar, Kannan (2750)</p> <p>Connecting the disconnected: a unique public-private-people-partnership (PPPP) sanitation model in Delhi, India Naved, Mohammad (2665)</p> | <p>WASH infrastructure and menstrual hygiene management in basic schools: a study in Kumasi, Ghana Acheampong, Patricia (2693)</p> <p>Engagement of schools, media and healthcare professionals in improving menstrual hygiene management in Nigeria Iroegbu, Daniel Ifegwu (2611)</p> <p>Menstrual hygiene management to improve attendance of primary school-aged girls in Central North, Burkina Faso Kabore, Issèta (2637)</p> <p>The need to have a multifaceted and mainstreamed approach to addressing menstrual hygiene management Kidney, Maria (2648) <i>P: Carol Galvin</i></p> <p>Menstrual hygiene management compliance in primary schools in Uganda: a case of Lira Municipality Mukasa Mujjabi, Martin (2761)</p> | <p>Improving nutritional impact through the integration of WASH and nutrition interventions: a practical guidebook Dodos, Jovana (2653) <i>P: Tom Heath</i></p> <p>Integrating WASH and nutrition to reduce stunting in Cambodia: from discourse to practice Halcrow, Gabrielle (2687) <i>P: Tho Thida</i></p> <p>Hygiene practice and de-worming association with nutritional status of adolescent girls in rural Bangladesh Jolly, Saira Parveen (2770)</p> <p>Integrating WASH and nutrition in market-based interventions: principles and results from the field Lestikow, Greg (2719)</p> <p>Health, food security and equity, socio-economic factors in self-supply investment Sutton, Sally (2585)</p> | <p>Improving WASH services in Zimbabwe: experiences from a rural WASH project Ahmad, Tameez (2620) <i>P: Surendra Babu Dhakal</i></p> <p>An island within an island: 19 years of rural WASH programmes implementation in La Gonave, Haiti Bourzac, Btissame (2656) <i>P: Franck Flachenberg</i></p> <p>Collection time inequalities: fetching water in Ethiopia Cassivi, Alexandra (2772) <i>P: Caetano Dorea</i></p> <p>Rural WASH programming: experiences from Rwanda Malik, Murtaza (2717) <i>P: Gedeon Musabyimana</i></p> <p>Rural water system functionality and its determinants: a twelve-country study Wiles, Jonathan (2780) <i>P: Nathaniel Mallonee</i></p> <p>Establishing district service centre to improve functionality of rural supplies in Uganda Sentumbwe, Ahmed (2702) <i>P: Joel Kiwanuka</i></p> |

| | | |
|---------------|---------------|---|
| Lunch: | 12.00 – 13.25 | |
| | 12.45 – 13.25 | Distinguished Alumni discussion – WPT001 Guided Walk – WPT Main entrance |

Monday 24 July – afternoon

SIDE EVENTS

13.30 – 15.00

| Room WPT001 | Room WPT005 | Room WPT008 | Room WPT002 |
|---|--|---|---|
| Translating sanitation tool results to policy Center for Global Safe WASH, Emory University; World Health Organization; TREND Group, Ghana; Center for Science and Environment, India; Water Aid Cambodia and WaterAid Bangladesh <i>WEDC Support: Rebecca Scott</i> | Sustainable service delivery models for drinking water in rural areas (UNICEF; IRC; Oxford University <i>WEDC Support: Kenia Chmutina</i> | Monitoring inclusive WASH in schools: harnessing SDG4 to improve the lives of children with disabilities UNICEF; WHO; State University of New York at Buffalo; WaterAid <i>WEDC Support: Amaka Godfrey</i> | WASH and nutrition: lessons from research and from the field Action Contre La Faim (ACF); London School of Hygiene and Tropical Medicine (LSHTM); SHARE Research Consortium; UNICEF; WaterAid <i>WEDC Support: TBC</i> |

Refreshments:

15.00 – 15.25 – Poster presenters will be available to discuss their posters

PAPER SESSION 2

15.30 – 17.00

| Session A2: Room WPT001 | Session B2: Room WPT002 | Session C2: Room WPT003 | Session D2: Room WPT004 | Session E2: Room WPT005 |
|---|--|---|--|--|
| Pit latrine processes <i>Facilitator: Rebecca Scott</i> | Hygiene promotion <i>Facilitator: Julie Fisher</i> | WASH in schools <i>Facilitator: Lee Bosher</i> | Institutional arrangements <i>Facilitator: Kevin Sansom</i> | Solar pumping <i>Facilitator: Brian Skinner</i> |
| Assessment of latrine technologies in selected communities after CLTS implementation in Ghana Appiah-Effah, Eugene (2683) What happens inside a pour-flush pit? Insights from comprehensive characterization Byrne, Aoife (2823) <i>P: Chris Buckley</i> Evaluation of pour-flush latrines and pit management in Honduras Kostyla, Caroline (2668) <i>P: Caroline Foster</i> Rheology of sludge in pour-flush toilets: understanding the requirements for pit emptying technology design Sindall, Rebecca (2825) | Getting the message right: step by step behaviour change communication to guide change in sanitation in Nepal Dishwa, Kalpana (2605) Hygiene promotion: Have we got the right answers to the knowledge behaviour gap? Flachenberg, Franck (2729) Effectiveness of community dialogue in promoting hygiene and sanitation in Afghanistan Hemat, Shafiqullah (2793) Performance of community health clubs in transforming sanitation and hygiene conditions Ntakirutimana, Amans (2798) | Water sanitation and hygiene status in the neighbourhood of Bangladeshi Islamic schools and mosques Alam, Mahbub-UI (2699) Lessons from WaterAid's multi-country WASH in Schools programme Hinds, Ruth (2739) WASH 5 Star approach: addressing hygiene behaviour in schools of rural Bangladesh Mukherjee, Sanjoy (2630) A cross-sectional study on water access within the Healthy Villages and Schools (VEA) program in the DRC String, Gabrielle (2728) | Challenges of developing a peri-urban water supply strategy in Ghana Dotse, Francis Mawuena (2593) Adjusting institutional arrangements: towards improved governance of self-supply water systems in Uyo, Nigeria Ikpeh, Iniobong James (2836) WASH governance in support of NGO work: trends and differences from field studies Lerebours, Alix (2677) Global study on sustainable service delivery models for rural water: evidence from 16 countries Lockwood, Harold (2583) | Solar pumping for rural water supply: life-cycle costs from eight countries Armstrong, Andrew (2654) Improved functionality through solar powered water pumping system and solar lighting Farah, Kamal Mohamed (2816) Sustainable water pumping in refugee camps: solar PV / diesel hybrid scenarios at Nyarugusu, Tanzania Harkness, Brendon (2622) Sustainable water pumping in refugee camps: costs and benefits of over-sized solar PV systems Harkness, Brendon (2623) |

Monday 24 July – evening

SIDE EVENTS

17.15 – 18.45

| Room WPT008 | Room WPT002 | Room WPT003 | Room WPT005 |
|---|---|---|--|
| Revisiting subsidies: supporting the poorest through the CLTS process CLTS Knowledge Hub, Institute of Development Studies and UNICEF <i>WEDC Support: Susie Goodall</i> | Can WASH improve the impact of vaccination? Centre for Infectious Disease Research, Zambia; London School of Hygiene and Tropical Medicine; Queen Mary University of London; SHARE Research Consortium; WaterAid <i>WEDC Support: Julie Fisher</i> | Where there are no services – the role of household-led investments for achieving full coverage Skat Foundation; WaterAid; RWSN; SuSanA <i>WEDC Support: TBC</i> | Revising SPHERE Standards: setting WASH guidance WEDC; SPHERE; OXFAM; NCA <i>WEDC Support: Brian Reed</i> |

Bus to Loughborough town centre from Whitworth Reception at 19.30. Return: 21.30

Tuesday 25 July – morning

PAPER SESSION 3

08.30 – 10.00

| Session A3: Room WPT001 | Session B3: Room WPT002 | Session C3: Room WPT003 | Session D3: Room WPT004 | Session E3: Room WPT005 |
|---|---|---|--|--|
| Pollution management <i>Facilitator: Tanja Radu</i> | Sanitation marketing <i>Facilitator: Amaka Godfrey</i> | Sanitation beyond excreta <i>Facilitator: Rebecca Scott</i> | WASH and ICT <i>Facilitator: Julie Fisher</i> | Membrane filtration <i>Facilitator: Brian Skinner</i> |
| Modelling chloride contamination due to the impact of pit latrines in Nigeria Bakari, Ali (2591) | Addressing the sanitation crisis through a market-based approach Akwunwa, Nneka (2820) | Innovative sanitation social movement: experiences from Nepal Adhikari, Kamal (2592) | Strengthening WASH sector monitoring through the use of ICTs Dhoba, Lovemore (2769) | Membrane filtration reduces recontamination risk in chlorinated household water containers Meierhofer, Regula (2595) |
| Wastewater management in developing countries: Bolivia case studies Cossio, Claudia (2776) | Market driven approach for faecal sludge treatment products Andriessen, Nienke (2807) | Scaling up menstrual hygiene management Kiiza, Samuel Andrew (2657) | Smart-phone drives performance and enhances WASH services delivery in communities in Nigeria Nadar, Kannan (2650) | Seawater desalination transforming the Gaza Strip Peiris, Mohanlal (2671) |
| Low-cost biomass as novel adsorbents for the removal of heavy metal ions from industrial wastewater Mohammed, Sadeeq (2796) | Sanitation marketing in Nepal in support of open defecation free social movement Dhakal, Surendra Babu (2606) | Rapid action towards ODF in Saharanpur District in India: stunting, menstruation and other innovations in CLTS Mishra, Vinod Kumar (2652) | The role of human-centred design in implementing ICT solutions in WASH projects Schaub-Jones, David (2734) | Evaluating novel gravity-driven membrane (GDM) water kiosks in schools Peter-Varbanets, Maryna (2735) <i>P: Regula Meierhofer</i> |
| Groundwater faecal contamination in Kalpitiya Peninsula of Sri Lanka Piyadasa, Ranjana (2589) | Sanitation marketing in rural Zambia, a replicable business model Pinfold, John (2766) | Impact of community-led total sanitation on women's health in urban slums of Kalyani Municipality Prabhakaran, Preetha (2756) | Mobile-based tracking system to ensure sustainability of a sanitation programme: experiences from four Indian states Umar, Asad (2696) | Water desalination in the Gaza Strip: Al Salam RO brackish water desalination plant case study Shatat, Mahmoud (2821) |

Refreshments

10.00 – 10.25 – Feedback from sponsored delegates

PAPER SESSION 4

10.30 – 12.00

| Session A4: Room WPT001 | Session B4: Room WPT002 | Session C4: Room WPT003 | Session D4: Room WPT004 | Session E4: Room WPT005 |
|--|---|---|--|---|
| Solid waste management <i>Facilitator: TBC</i> | Market-based approaches <i>Facilitator: Amaka Godfrey</i> | Emergency to development <i>Facilitator: Lee Boshier</i> | Monitoring WASH <i>Facilitator: Susie Goodall</i> | Water safety <i>Facilitator: Brian Reed</i> |
| Co-composting of faecal sludge with solid waste to improve FSM practice in Sakhipur municipality Al-Muyeed, Abdullah (2684) | Selling soap and latrines in Madagascar and Djibouti: results of marketing surveys Heath, Tom (2674) | Resilient WASH: lessons learned from El Nino drought response in Ethiopia Alvarez-Sala, Jorge (2689) <i>P: Sam Godfrey</i> | Improved prioritisation tool for local decision-making in the water, sanitation and hygiene sector Ezbakhe, Fatine (2705) | WASH in health care facilities: initiatives, challenges and lessons from Nepal post emergencies Shrestha, Arinita Maskey (2662) |
| Safi Sana business challenge on open defecation and plastic pollution in the coastal areas of Teshie, Ghana Ankrah, Kwabena (2763) | Understanding vulnerabilities and risk in the development of market based approaches Medland, Louise (2644) | From camps to communities: a review of 10 years of WASH programming Aluba, Joseph (2633) <i>P: Franck Flachenberg</i> | Making WASH monitoring and evaluation work for everyone: the experience of the DRC WASH Consortium Melloni, Gian (2607) | Lessons from cholera response in Kathmandu Valley, Nepal Kansakar, Luna (2740) <i>P: Arinita Shrestha</i> |
| Locally responsive intervention to improve municipal solid waste collection coverage in Accra, Ghana Oduro-Appiah, Kwaku (2713) | Customer perceptions and implementation of pro-poor safe water interventions in Uganda's urban areas Tumwebaze, Innocent Kamara (2791) | Institutionalising WASH capacity development in South Sudan: moving from emergency response to development Keega, Martha (2584) | Simplified sampling method for household-based surveys with reduced populations in the water and sanitation sector Pérez-Foguet, Agustí (2640) | Towards effective implementation of community-based water safety plans Ngilambi, Sandy Kasambe (2795) |
| Android application turning trash into cash: an innovative approach on solid waste management in urban areas Sirait, Mita Julinartati (2704) | A comparative analysis of the impact of hygiene promotion and sanitation marketing in rural Ethiopia Vrana, Karel (2755) <i>P: Camilla Garbutt</i> | Improving the fit between development and humanitarian WASH in protracted crises Mason, Nathaniel (2609) | An analysis of potential performance improvement in Freetown's water utility using the AquaRating system Swaray, Ansumana (2698) | Supporting partnerships with local actors to improve water supply services for the sustainable prevention of cholera Saga, Bansaga (2730) |
| | Capacity building in Cambodia's rural local governments for the sanitation market Worsham, Kimberly (2587) | Host and refugee population cooperation: case of Dumse water supply and sanitation project, Damak-5, Nepal Paudyal, Prabesh (2695) <i>P: Ryan Schweitzer</i> | | Operational research on water safety plans: implementations in India, DRC, Fiji, and Vanuatu String, Gabrielle (2721) |
| | | Community engagement - a paradigm shift to WASH programming in emergencies Niederberger, Eva (2771) <i>P: Lucy Knight</i> | | |

Lunch:

12.00 – 13.25

12.45: Vice-Chancellor of Loughborough University
Welcome Address (WPT001)

12.45 – 13.25: Guided Walk (Main entrance)

Tuesday 25 July – afternoon

SIDE EVENTS

13.30 – 15.00

| Room WPT008 | Room WPT002 | Room WPT003 | Room WPT001 |
|---|---|--|--|
| Equity in the era of the SDGs – lessons from Ghana Oxford Policy Management; UNICEF <i>WEDC Support: Ksenia Chmutina</i> | JMP 2017 progress – update and SDG baseline UNICEF and WHO <i>WEDC Support: Kevin Sansom</i> | Africa Rocks: the latest research and practice for ensuring that boreholes last a lifetime Skat Foundation; BGS; UNICEF; UPGro; RWSN; Africa Groundwater Network <i>WEDC Support: Ian Smout</i> | HEPI (Health Emergency Preparedness Initiative): supporting WASH actors in getting ready for the next outbreak UNICEF <i>WEDC Support: Lee Bosher</i> |

Refreshments:

15.00 – 15.25

Poster presenters will be available to discuss their posters

PAPER SESSION 5 / ESPRESSO SLOTS

15.30 – 17.00

| Session A5: Room WPT001 | Session B5: Room WPT002 | Session C5: Room WPT003 | Session D5: Room WPT005 | Session E5: Room WPT008 |
|---|---|--|---|---|
| Faecal sludge treatment <i>Facilitator: Michael Smith</i> | The politics of sanitation <i>Facilitator: Pippa Scott</i> | Espresso session 1 <i>Facilitator: Julie Fisher</i> | Espresso session 2 <i>Facilitator: Brian Reed</i> | Espresso session 3 <i>Facilitator: TBC</i> |
| Optimisation of faecal sludge processing via vermifiltration Enrique-Hernandez, Carla (2833) <i>P: Claire Furlong</i> Learning from Oxfam's Tiger Worm Toilets projects Furlong, Claire (2835) Towards decentralized biogas generation: building community scale biogas reactor Radu, Tanja (2817) SEEK (Sludge to Energy Enterprises in Kampala): co-processing faecal sludge for fuel production Ward, Barbara (2808) | Lessons from scaling up urban sanitation development in Indonesia and Mozambique Blackett, Isabel (2600) What drives political leaders to improve urban sanitation? Cummings, Clare (2635) Following-up on successful sanitation situations Hanchett, Suzanne (2810) How to unlock the incentives to turn 'political will' on sanitation into action Mason, Nathaniel (2580) | A gendered outlook on the use of self supply in Asaba metropolis, Nigeria Angela Akpovi Getting Sales Right in WASH Programs Davide Castorina Analysis of factors influencing implementation of municipal regulations requiring landlords to provide acceptable sanitation for tenants (Ghana) Sue Cavill How does the development of new international standard align with the SDG agenda Mei Yee Chan Understanding women's water, sanitation, and hygiene (WASH) vulnerability in Burkina Faso Sarah Dickin Wagtech Geoff Douglas SDG6 and how self-supply can help Rik Haanen Supported self-supply as a key to reach water, food and poverty SDGs Henk Holtslag Jamebi, the solar water pasteuriser Barry Johnstone | PSIV water and septic tanks Genevieve Kelly WATSAN challenges for remote settlements in northern Australia (with focus on indigenous communities) Peter Lechte CLTS in emergency response - Nepal Richard Luff From MDG 7c to SDG 6: closing the gap in Mozambique Philippa Ncube Gender and WASH Priti Parikh Reusing human waste in agriculture in India CS Sharada Prasad Knowledge Point Harriette Purchas Approaches to planning and monitoring urban WASH services during protracted armed conflicts Diala Safi The role of media in improving WASH outcomes: results from BBC Media Action's work in Kenya Alasdair Stuart | Towards a fuller understanding of unsafe excreta disposal in informal settlements Alice Sverdlík Faecal sludge and septage treatment Kevin Tayler School-centred source segregation of waste and paper recycling Murthy Ags Tirupati Evaluation of UNICEF drinking water supply programming in rural areas and small towns, 2006-2015 Jeremie Toubkiss How watsan needs brought about municipal consolidation in Cape Town a century ago Adie Vienings / Kevin Wall Multiplier effect of backdoor subsidy for sanitation Rona Raisa Ramos How to guarantee failure for your WASH enterprise model in 3 easy steps - a case study from Bangladesh Tom Wildman Treatment approach to slaughterhouse effluent in Akure, Nigeria Olubukola Olusola-Makinde |

SIDE EVENTS

17.15 – 18.45

| Room WPT005 | Room WPT008 | Room WPT009 | Room WPT004 | Room WPT001 |
|---|--|---|---|---|
| Alignment of humanitarian and development WASH in protracted crises UNICEF and ODI <i>Facilitator: Rebecca Scott</i> | Gender mainstreaming – are we empowering or pigeonholing women? Oxfam GB <i>Facilitator: Julie Fisher</i> | Innovation prizes as a tool for developing sustainable WASH services IMC Worldwide, Ideas to Impact Programme <i>Facilitator: Brian Reed</i> | Understanding incontinence needs in low- and middle-income countries University of Leeds et al. (see conference programme) <i>Facilitator: Pippa Scott</i> | The multiplier effect of leveraging private sector WASH financing Water.org & Partners et al. (see conference programme) <i>Facilitator: Susie Goodall</i> |

NETWORKING NIGHT:

19.30 onwards: Village Restaurant (Campus map: ER26)

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

Wednesday 26 July – morning

PAPER SESSION 6

08.30 – 10.00

| Session A6: Room WPT001 | Session B6: Room WPT002 | Session C6: Room WPT003 | Session D6: Room WPT004 | Session E6: Room WPT005 |
|--|--|---|--|---|
| Sustaining WASH <i>Facilitator: Susie Goodall</i> | Sanitation strategies <i>Facilitator: Rebecca Scott</i> | MHM country studies <i>Facilitator: Julie Fisher</i> | Real time feedback <i>Facilitator: TBC</i> | Money and WASH <i>Facilitator: TBC</i> |
| Post-certification: an innovative post-project sustainability approach to maintain WASH rural services Aubriot, Julie (2701) | A socio-ecological analysis of barriers to sustained adoption of rural sanitation in Ethiopia Alemu, Fikralem (2676) | Menstrual hygiene management in Ghana: Asimah, Seyram Ama (2775) <i>P: Perpetual Yirenskyiwa Diabene</i> | The role of information and communications technology in real-time monitoring for quality WASH infrastructure Darko, Philip Kwaku (2610) | Case study on value for money assessment of a UNICEF assisted WASH programme in Nepal Adhikari, Shova (2700) <i>P: Surendra Babu Dhakal</i> |
| Water delivery configurations and CBOs in Dhaka's slums, Bangladesh: lessons for WASH sustainability Cawood, Sally (2647) | Planning approaches for sanitation systems in peri-urban areas: a case study from Tanzania Domini, Marta (2639) | Moving forward: findings from menstrual hygiene management formative research in Bangladesh Coutas, Mimi (2783) | Real Time Emergent Learning (RTEL): a promising approach for adaptive programming Hakim, Hadjel (2733) | Integrating value for money principles in WASH for affordable and sustainable WASH services in Nigeria Nadar, Kannan (2651) |
| Pathways to improving WASH services' sustainability Ferdian, Herie (2669) | Formulation of water and sanitation policies and strategies: experiences from Rwanda Malik, Murtaza (2715) <i>P: Gedeon Musabyimana</i> | Lessons learnt on the implementation of menstrual hygiene management in Karamoja, Uganda Hekel, Daniel (2757) | The influence of real time learning in WASH programming Padilla, Angela (2681) | A less expensive toilet: the impact of targeted subsidies on latrine purchases in Cambodia Nicoletti, Christopher (2658) <i>P: Greg Lestikow</i> |
| How to achieve improved WASH services' sustainability Namiro, Winfrey Denise (2629) | Urban sanitation: where to next? Scott, Pippa (2832) | Practices and effects of menstrual hygiene management in rural Bangladesh Mondal, Biplob Kanti (2578) | Applying a community scorecard for rural water services in Timor-Leste Whalen, Michelle (2661) | Scaling-up sanitation and hygiene promotion through grant-making Ouma, Vincent (2752) |

Refreshments

10.00 – 10.25

PAPER SESSION 7

10.30 – 12.00

| Session A7: Room WPT001 | Session B7: Room WPT002 | Session C7: Room WPT003 | Session D7: Room WPT004 | Session E7: Room WPT005 |
|---|---|---|---|---|
| Sustaining ODF <i>Facilitator: Rebecca Scott</i> | Capacity and skills <i>Facilitator: Brian Reed</i> | Women and WASH <i>Facilitator: Julie Fisher</i> | Safe water <i>Facilitator: Brian Skinner</i> | Finance and WASH <i>Facilitator: Sam Kayaga</i> |
| Barriers and enablers to becoming and staying open defecation free in remote Timor-Leste Francis, Naomi (2636) | Review of organizational capacity in integrated water resources management in Accra, Ghana Abraham, Ernest Mensah (2619) | Gender and empowerment through WASH based on cases from Bangladesh Ahrari, Sara (2777) | Creating sustained usage of household water treatment: a case study from Kagera, Tanzania Besteman, Maria A. (2822) <i>P: Annemarieke Maltha</i> | Community Water Plus: results from an investigation into community managed rural water supply in India Hutchings, Paul (2634) |
| Lessons learnt from implementation of outcome linked community led total sanitation intervention in Busia Kenya Josphat, Martin (2646) <i>P: Martin Muchangi</i> | Community health volunteers' capacity for hygiene behaviour change: evidence from urban Kenya Aseyo, Evalyne (2667) | Cleansing in hidden spaces: the bathing needs of perimenopausal women Bhakta, Amita (2827) | Quality control in the decentralized production of biosand filters: a pilot workshop in Zambia Chan, Nicole (2785) | Financial flow diagrams to promote policy-making, based on 20 community management case studies from India Franceys, Richard (2710) |
| Achieving and sustaining open defecation free (ODF) villages: a study of four rural districts in Zimbabwe Kugedera, Ziggy (2590) | Building local capacity to promote sanitation: Vietnam and Cambodia Goodwin-Kucinsky, Molly (2754) <i>P: Greg Lestikow</i> | Taking women's different bodily functions into account, including menstruation, in sanitation provision Greedy, Clara (2601) | Adaptable drinking-water laboratory unit for decentralized testing in remote and alpine regions Diener, Arnt (2743) | Making universal access to water affordable in Zambia and Zimbabwe Sutton, Sally (2706) <i>P: Peter Harvey</i> |
| Sustainability of ODF status of selected communities in disaster-prone areas in the eastern part of Indonesia Kurniawan, Muhammad Afrianto (2598) | Hybrid staffing structure: practical workforce knowledge management for restructuring a water utility Joel, Solikume (2697) | Why do women in India not use public toilets? : patterns and determinants of usage by women in Warangal City Reddy, Malini (2794) | Rainwater harvesting and management in semi-arid areas of Tigray region, Ethiopia Girma, Yetmgeta (2602) | Improving water point functionality in Malawi: making the case for minimum financing for direct support Wahba, Joy (2779) |
| Sustaining open defecation free status: the vital role of validation exercise Nadar, Kannan (2597) | Local level skilled WASH human resource mapping: a case from Nepal Khatr, Giri (2732) | Urination needs and practices away from home: where do women go? Scott, Pippa (2596) | Investigating the relationship of rainwater harvesting tank technology and safe water coverage in Uganda Odongo, Augustine (2737) | Evolution of the social franchising approach to watsan maintenance in South Africa Wall, Kevin (2806) |

Lunch:

12.00 – 13.25

ORGANIZERS' PRESENTATIONS: 12.45 – 13.25

| Room WPT001 | Room WPT002 |
|--|---|
| An introduction to WEDC and its programmes and courses | Career reflections from Ian Smout and Andy Cotton |

12.45 – 13.25: Guided Walk (Main entrance)

Wednesday 26 July – afternoon

SIDE EVENTS

13.30 – 15.00

| Room WPT008 | Room WPT001 | Room WPT009 | Room WPT005 | Room WPT002 |
|--|---|---|--|--|
| Promoting WASH behaviour change in fragile contexts – what are the best practices to ensure programme sustainability? SWIFT Consortium (Oxfam GB, Tearfund, ODI) <i>WEDC Support: Lee Boshier</i> | Effective Joint Sector Reviews for WASH Skat Foundation; RWSN <i>WEDC Support: Ian Smout</i> | Working with government for sustainable services WaterAid; SNV; Water for People; IRC <i>WEDC Support: Susie Goodall</i> | Safe water for all – how can countries respond to the challenge of delivering water that is safe? UNICEF and WHO <i>WEDC Support: Michael Smith</i> | City partnerships for urban sanitation service delivery Bill and Melinda Gates Foundation <i>WEDC Support: A. Godfrey</i> |

Refreshments

15.00 – 15.25

Poster presenters will be available to discuss their posters

PAPER SESSION 8

15.30 – 17.00

| Session A8: Room WPT001 | Session B8: Room WPT002 | Session C8: Room WPT003 | Session D8: Room WPT004 | Session E8: Room WPT005 |
|---|---|--|---|--|
| Managing latrines <i>Facilitator: Rebecca Scott</i> | Groundwater <i>Facilitator: Ian Smout</i> | Inclusion and exclusion <i>Facilitator: Julie Fisher</i> | Knowledge and research <i>Facilitator: Brian Reed</i> | Finance and assets <i>Facilitator: Sam Kayaga</i> |
| Operationalizing FSM regulations at city level: a case study of Warangal, India Chary, Srinivas (2803) Barriers to shared sanitation cleaning and maintenance in Kampala Slums, Uganda Kwiringira Nkiriyehe, Japheth (2618) Faecal sludge management and technology justice: promoting sustained and scalable solutions Stevens, Lucy (2712) <i>P: Noemie de la Brosse</i> Landlords/compound managers: change makers to improve and sustain communal latrine use and maintenance Yeasmin, Farzana (2663) | Water resource assessment of Karst Islands and the development of a freshwater lens assessment protocol DiFilippo, Robert (2829) Groundwater supply sustainability in fragile states: a case study examining challenges and approaches Evans, Paul (2638) Promotion of manual drilling in Guinea Bissau: mapping suitable zones and estimating the potential Fussi, Fabio (2760) Individual water sourcing: understanding risks and resilience to groundwater resource abstraction in Nigeria Healy, Adrian (2690) | LGBTI and sanitation: what we know and what the gaps are Benjamin, Connie (2649) <i>P: Andres Hueso</i> Understanding, respecting and including people with mental health conditions as part of the CLTS process Cavill, Sue (2604) WASH, violence and health: a quantitative analysis Dixit, Reshma (2738) Key challenges of marginalised communities on sanitation and hygiene and recommendations to clean India Mishra, Vinod Kumar (2615) | Some lessons learned from engaging in WASH participatory action research Barrington, Dani (2643) An innovative framework for embedding knowledge management in an organisation: a manager's perspective Harries, Kathryn (2664) Research alternatives for the knowledge gap Print, Chris (2765) Research into policy: a literature review Renouf, Rosie (2742) Regional capacity for WASH sector knowledge management and learning in West and Central Africa Uytewaal, Erma (2703) <i>P: Samuel Amoako Mensah</i> | Financing access to improved water and sanitation, Public Works Loans Board, UK Franceys, Richard (2711) Asset creation versus sustaining services: institutionalizing VLOM to deliver SDG-6.1 target in Nigeria Nadar, Kannan (2834) WASH financing – the missing link: initial lessons from Sinapi Aba's pilot in Ghana Owusu-Dabo, Joyce (2688) Reporting the condition of South Africa's water sector infrastructure Wall, Kevin (2830) |

CLOSING CEREMONY

17.00 – 17.25

WPT002 / WPT 003

SIDE EVENTS

17.30 – 19.00

| Room WPT004 | Room WPT009 | Room WPT008 | Room WPT005 | Room WPT001 |
|--|---|---|--|---|
| First LEAPS – interim findings of the Livelihoods from Enhanced water Access for the Poor in Slums (LEAPS) research project WEDC and National Water and Sewerage Corporation (NWSC) Uganda <i>WEDC Support: Ian Smout</i> | Formative research for hygiene behaviour change programme design Plan International UK and WaterAid <i>WEDC Support: Michael Smith</i> | Need to wee? WEDC <i>WEDC Support: Pippa Scott</i> | Knowledge and skills in the WASH sector: mapping and matching practitioners' needs to capacity development services CAWST <i>WEDC Support: Brian Reed</i> | Innovation in emergency WASH Elrha's Humanitarian Innovation Fund (HIF) <i>WEDC Support: Rebecca Scott</i> |

GALA NIGHT:

19.30 onwards – Edward Herbert Building (EHB) (Campus map: **J62**)

A barbeque, live music and dancing!

Capacity Development Workshops

Thursday 27 July

| WPT001 Lecture Theatre 150 | WPT002 Lecture Theatre 258 | WPT003 Lecture Theatre 200 | WPT004 Lecture Theatre 90 | WPT005 Lecture Theatre 88 (flat with corner seats) 'café style' | WPT006 Seminar room (40) moveable seats with tables – 'café style' | WPT008 Seminar room (80) (moveable round tables) – 'café style' | WPT009 Seminar room (60) (moveable rectangular tables) 'café style' | |
|---|----------------------------------|----------------------------------|--|--|--|--|--|------------------|
| (1) Making WASH inclusive: with a focus on disability, menstrual hygiene and gender equality WaterAid/WEDC/PlanUK 60 | | | (2) Evidence- based design /rehabilitation of pit latrines University of KwaZulu-Natal 10-36 | (4) City-wide sanitation advocacy and planning: tools for FSM diagnostics and project planning Oxford Policy Management, WEDC and two impendent consultants 24-60 | (5) Journal publishing for practitioners Waterlines 10-20 | (7) Using market assessment to support sustainable and resilient WASH Oxfam GB 40 | 17) Introducing the Sanitation Technology Prioritization tool: Identifying appropriate technologies for sanitation and faecal sludge management PATH Max 30 | MORNING |
| | | | (3) Practical strategies for multi-sectoral integration World Vision Max 50 | | (6) Creating effective WASH training CAWST 8-25 | | (9) Workshop on CLTS Rapid Appraisal Protocol (CRAP): a tool for taking CLTS to scale CLTS Foundation UK 50 | AFTERNOON |

Friday 28 July

| WPT001 Lecture Theatre 150 | WPT002 Lecture Theatre 258 | WPT003 Lecture Theatre 200 | WPT004 Lecture Theatre 90 | WPT005 Lecture Theatre 88 (flat with corner tables) 'café style' | WPT006 Seminar room (40) (moveable seats with tables) 'café style' | WPT008 Seminar room (80) (moveable round tables) 'café style' | WPT009 Seminar room (60) (moveable rectangular tables) 'café style' | |
|---|---|--|---------------------------------|--|---|--|---|------------------|
| (10) Sustainable exit strategies: tactical design for institutional sustainability after project transition WASH Catalysts Malawi, EWB Canada 12-25 | (11) MHM: An entry point to achieving gender equality through WASH Water Supply and Sanitation Collaborative Council Max 50 | (12) Paths to SDG6: roadmapping a way to full service delivery at district level IRC, WaterAid, Water For People, Aguaconsult 20-40 | None | (13) Make your own excreta flow diagram (SFD) SFD PI, GIZ, WEDC, CSE, UoL, Eawag, The World Bank Water Group, SuSanA 8-40 | (14) Monitoring, Evaluation and Learning in WASH Projects UK WASH Network, WaterAid, Cranfield University and Plan UK 10-40 | (15) Strengthening Competencies for WASH professionals CAWST 8-25 | None | MORNING |
| 19) Hand pumps and Water Quality Labs | | | | | | (16) Preparing Community WASH Promoters for behaviour Change CAWST 8-25 | (18) Excreta Management in Urban Emergencies RedR 24 | AFTERNOON |

Overview of the week

| Day | Morning | Afternoon | Evening |
|--------------------------|---|-----------|------------------|
| Monday 24 July | Registration Conference opening ceremony Paper and discussion sessions Side events | | |
| Tuesday 25 July | Paper and discussion sessions Side events | | Networking night |
| Wednesday 26 July | Paper and discussion sessions Side events | | Gala Dinner |
| Thursday 27 July | Capacity Development Workshops | | |
| Friday 28 July | Capacity Development Workshops | | |

The John Pickford Scholarship Fund

We actively seek funding to support scholarships for those from low- and middle-income countries to study with WEDC. If you would like to donate to the John Pickford fund, please do so through the online donation portal:

<https://alumni.lboro.ac.uk/john-pickford-fund>

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