



2015 UN-Water Annual
International Zaragoza
Conference

15–17 January 2015

Water and Sustainable Development
From vision to action



Academia contribution to the implementation of the SDG related to WASH



WASH POST-2015: proposed targets and indicators

Shared Vision: “***Universal access to safe drinking water, sanitation and hygiene***”

Key issues to be addressed:

- ✓ Including hygiene
- ✓ Eliminating inequalities
- ✓ Improving service levels, on the basis of the on the normative criteria of the human right to water and sanitation i.e. accessibility, quantity, quality and affordability.
- ✓ Going beyond the household
- ✓ Improving sustainability of services



Water and Sustainable Development

From vision to action

	Main issues addressed /implementation challenges	Case studies	How case studies address the implementation challenges / Lessons learnt
Financing and Economic Instruments	Improve / promote investments in the WASH Sector. Poor focus on soft issues Promote research on WASH	UPGro programme - Unlocking the Potential of Groundwater for the Poor	Research (R4D) can make a substantial difference in WASH interventions (improve efficiency and increase impact)
Capacity Development	Knowledge transfer and exchange; networking Capacity building	Case Study in Uganda, by John Chilton (International Association of Hydrogeologists)	Research can only be applied if knowledge transfer is ensured through capacity building programmes. A collaborative approach is key to promote participation of end users and appropriation of research outcomes
Technology	Appropriate technology (water supply, drinking-water treatment, low-cost sanitation, etc.)	Case Study in Dar es Salaam, by Sharon Velásquez (Newcastle University) Case Study in Mali, by Mohamed Ahmed Mohamed (United Nations Support Base) Case Study in West Africa, by Fabio Fussi (University Milano Bicocca)	Appropriate and sustainable technologies can be developed to improve water supply, drinking-water quality surveillance, water and wastewater treatment, etc.
	Improve sustainability of WASH interventions	Case Study in Uganda, by John Chilton (International Association of Hydrogeologists)	Improved understanding about the reasons for failure. To keep a water point functioning depends on a complex mix of managerial, environmental, social, technical, and financial issues
Institutional / legal framework Governance	Improve WASH monitoring & evaluation Data availability, data access and data use in decision-making	Case Study in Homa Bay and Suba, Kenya by Ricard Giné (Universitat Politècnica de Catalunya)	Easy-to-use tools can be developed to support informed local decision-making