

Congratulations to the Top 20 Abstracts!

The presentations below are the **Top 20 ranked abstracts** submitted to the 2025 Water and Health Conference, based on the double-blind peer review process we used to score the submissions:

#1 “Better Knowledge, Better Facilities, Same Behavior: Findings from a Cluster-Randomized Trial of WaSH-in-Schools Interventions” – Gracie Hornsby, Stanford University

#2 “Associations between animal exposure and child health outcomes in rural Bangladeshi households”
– Sumaiya Tazin, NC State University

#3 “Effects of Extreme Weather Events on Cholera in the Democratic Republic of the Congo 2020-2024 (WaSHmobile Program)” – Kelly Endres, Johns Hopkins University

#4 “Wastewater surveillance reveals patterns of antibiotic resistance across the United States”
– Sooyeol Kim, University of California Berkeley

#5 “Use of benefit-cost analysis in multilateral development bank water supply and sanitation projects: A critical review of practice across three banks” – Omran Musa, London School of Hygiene & Tropical Medicine

#6 “Automated Classification of Sewage Infrastructure Vulnerabilities in Urban Salvador, Brazil” – Christine Stauber, Georgia State University

#7 “Long-Term Evaluation of a Backyard Poultry Management and Hygiene Intervention in Rural Bangladesh” – Elizabeth Thomas, Johns Hopkins University

#8 “Household Energy and Water Resource Disruptions and Coping Strategies During Floods and Droughts in Kenya” – Hemali Oza, Emory University

#9 “Willingness-to-pay and demand for sanitation products in rural northern Ghana: Impacts of seasonality and methodology” – Valeria Bauza, The Aquaya Institute

#10 “Household-Level Environmental Risk Factors for Animal and Human Fecal Contamination in Northwestern Coastal Ecuador” – Viviana Alban, University of Washington

#11 “Evaluating a Scalable, Community-Centered Subscription Model for Point-of-Use Water Treatment in Texas Colonias” – Marcio Botto, Vida Water

#12 “Seasonal impact on water infrastructure: Availability, quality and source selection in Ethiopia, Ghana and Uganda” – Anna Murray, The Aquaya Institute

#13 “Targeted pathogen and AMR analyses reveal microbial hazards in a maternal and child hospital in urban La Paz, Bolivia” – Lindsay Saber, UNC Chapel Hill

#14 “Sustainable Solutions to Ensure Piped System Water Quality: Lessons from Inline Chlorination System in Ethiopia” – Mussie Tezazu Asmare, Millenium Water Alliance

#15 “Breaking the hog lagoon cycle: Biochar as an effective and low-cost intervention for per- and polyfluoroalkyl substances (PFAS), antibiotics, and antimicrobial resistant genes (AMR) pollution” – Ellen Marie, UNC Chapel Hill

#16 “Validation and applications of an E. coli contamination risk sensor in US surface waters”
– Joshua Klaus, University of Colorado Boulder

#17 “Primary prevention of lead in drinking water through substitution of lead-free plumbing components – preliminary results” – Michael Fisher, The Water Institute at UNC

#18 “Predictors of Latrine Subsidy Uptake: Gender, Poverty, and Household Dynamics in Rural Ethiopia” – Crystal Huang, IDinsight

#19 “Evaluating WaSH Indicators in Schools in Low- and Middle- Income Countries: A Systematic Review” – Tsion Syoum, University of Oxford

#20 “Association Between Household WaSH Facilities and Menstrual Hygiene Management Among Filipino Women of Reproductive Age” – Crystal Amiel Estrada, College of Public Health, University of the Philippines Manila