

Is it climate resilient? Designing for climate resilience: A tool for sanitation technology developers and implementers.

There is enormous interest in building the resilience of sanitation to climate change. Risk assessment tools and approaches for sanitation at a systems level are emerging, but there is limited guidance on understanding what specifically makes a sanitation technology resilient and what particular disruptive events and trends need to be designed against. This workshop will build the participants' capacity to assess and design for resilience which will ultimately contribute to the provisioning of sanitation technologies that can deliver their essential functions under increasingly frequent and severe climate hazards.

Workshop facilitators will present the Climate Framework to Improve the Resilience of Sanitation Technologies (ClimateFIRST) which enables a structured way of considering risks that climate hazards pose for sanitation technologies how thinking through in detail how resilient a technology is to the hazards. ClimateFirst describes 25 design features that can be incorporated into sanitation technologies to enhance climate resilience. Participants will become familiar with ClimateFIRST and have the opportunity to discuss whether and how such resilience assessments are useful in their line of work.

Workshop programme

Duration	Activity
10 minutes	Presentation on rationale for workshop, thinking behind ClimateFIRST, and how ClimateFIRST fits into the broader sanitation resilience context.
25 minutes	Walkthrough of ClimateFIRST and presentation of a case study assessment of the USF NEWgenerator technology.
60 minutes	Participants trial a lite version of ClimateFIRST on sanitation technologies in small groups.
25 minutes	Plenary discussion to on the usefulness of such an assessment process for supporting climate resilient sanitation services