



COMMUNITY-SCALE
RESOURCE-ORIENTED
SANITATION
TREATMENT SYSTEMS



INVITATION TO ATTEND THE THE FIRST ISO INTERNATIONAL WORKSHOP ON **COMMUNITY-SCALE, SUSTAINABLE RESOURCE- ORIENTED FECAL SLUDGE TREATMENT SYSTEMS**

DATE	June 28 – 30, 2017
LOCATION	Durban, South Africa
SECRETARIAT	American National Standards Institute (ANSI)
REGISTRATION	www.ansi.org/sanitation
MORE INFORMATION	ANSI: Sally Seitz – sseitz@ansi.org

According to the World Health Organization (WHO), an estimated 2.5 billion people have no access to safe, clean toilets and 1 billion are forced to defecate in the open. The devastating consequences of these practices include an estimated 1 million preventable deaths per year, primarily from dysentery-like diarrheal diseases.

In March 2013 the UN issued a global call to action for the comprehensive elimination of the practice of open defecation by 2025. According to the UN, countries where open defecation is most common have the highest levels of child death and disease, as a result of ingesting human fecal matter that has entered the food or water supply. A lack of safe, private toilets is also associated with the highest overall levels of malnutrition, poverty, and disparity between rich and poor, and makes women and girls vulnerable to violence. Universal toilet access is the only acceptable goal, and it is achievable.

Part of the solution is to reinvent the toilet, and promote an international performance standard for the reinvented toilet, an effort well underway in International Organization

for Standardization (ISO) Project Committee 305. Another critical step will be to reinvent sewage treatment through the deployment of omni-processor (OP) technology. As part of this multi-phased initiative, the American National Standards Institute (ANSI) – with support from the Bill & Melinda Gates Foundation – will hold an International Workshop Agreement (IWA) workshop on community scale, sustainable resource-oriented fecal sludge treatment systems.

The IWA will serve as the first step toward the goal of developing an international standard that will contain the commonly accepted criteria by which to measure the performance of community-scaled resource-oriented sanitation treatment systems in total. Such an international standard would enhance efforts to widely manufacture, market, and deploy the technology where it is needed most.

The IWA will be developed over a series of three meetings. The second meeting will take place the week of September 4-8, 2017, in Singapore (venue and specific dates to be determined); the third will be announced in the near future.