



International Association of Hydrogeologists  
Irish Group

***Technical Discussion Meeting***  
**The David Burdon Memorial Lecture**

**Stopping the rot: Taking action to  
ensure handpump and borehole quality**

**Dr. Kerstin Danert - Water Specialist, Researcher  
and Facilitator and Director of Ask for Water NGO**

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**Venue:** Register in advance for this meeting:  
<https://tinyurl.com/Burdon2022>

After registering, you will receive a confirmation email containing  
information about joining the meeting.

**Date:** Tuesday 1<sup>st</sup> February, 2022

**Time:** Talk & discussion 18:00 – 19:30

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**IAH Meetings in March & April 2022**

Tuesday 1<sup>st</sup> March

Tuesday 26<sup>th</sup> &

Wednesday 27<sup>th</sup> April

IAH TDM. Topic & speakers TBC

IAH Annual Conference. *Groundwater: Making  
the Invisible, Visible*

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**Topic Summary:** Over three thirty years have passed since the UN Water Decade of the 1980's, with tremendous progress, as well as learning on how to improve access to water for drinking and other domestic needs. In Sub-Saharan Africa, the borehole, installed with a handpump, is a technology that has improved drinking water access, particularly in rural areas. An estimated one in five people in the sub-continent currently rely on handpumps for their main source of drinking water. Handpumps have been criticised for high rates of non-functionality. But what are the reasons? Based on studies spanning the last 15 years, Dr. Danert will reflect on the quality of boreholes and handpumps, twin aspects which deserve much more attention in the quest to ensure safe, and affordable drinking water for all. She is calling for action to stop the rot and ensure handpump and borehole quality.

**Speaker Bio:** Dr Danert has over twenty years' experience in international development cooperation, working with national and local governments, UN agencies, NGOs, community-based organisations, private enterprises and donor agencies. She has experience of domestic and agricultural water supplies, groundwater resources, maintenance of services and water and environment sector performance monitoring. Dr Danert has familiarity with contexts of fragility and protracted crisis and a background in diffusion of innovations, including low-cost drilling technology, self-provided water supplies and rainwater harvesting. She has ability to connect policy, science and practice while encouraging collaboration and mutual learning and as director of the Rural Water Supply Network (RWSN) for eight years, Dr Danert developed the network, managed large international forums, online knowledge exchange and technical training courses.