

Unit 4.1 – Overview of Technologies



Linda Strande: Dr Linda Strande leads the Excreta and Wastewater Management Group at EAWAG (the Swiss Federal Institute of Aquatic Science and Technology) in SANDEC (the Department of Sanitation, Water and Solid Waste for Development). The overarching goal of Dr Strande's research is to increase scientific knowledge that will advance and increase sustainable urban faecal sludge management technologies. In engineering and development research, she believes, it is always important to consider how fundamental research can translate into real-life implementations. To achieve this, she has pursued a systems based approach to faecal sludge management, including technology, management, and planning, so all aspects can integrate into complete functional systems. Currently, Dr Strande's group includes optimisation of treatment technologies, innovation in resource recovery, and methods for sustainable systems level implementations. Dr Strande has been working in the environmental sector for over 15 years and holds interdisciplinary degrees in engineering, soils science and mathematics. Her academic background, together with wide-ranging international experiences, has provided her with a global perspective, and an ability to research and apply environmental engineering fundamentals in complex, interdisciplinary situations.