

INTRODUCTION TO FAECAL SLUDGE MANAGEMENT

TRAINING COURSE ANNOUNCEMENT

Sanitation aims to protect and promote public health by safely managing human excreta, providing a clean environment, and breaking the cycle of disease. On-site sanitation technologies (like pit latrines, septic tanks) are an essential component of sanitation, but sanitation is more than just building latrines. It is a system that addresses human excreta from the moment it is generated, through to its treatment and use. Faecal sludge management (FSM) focuses on the last three components of a sanitation system: faecal sludge collection and transportation, treatment, and its ultimate use. This is often called the faecal sludge service chain.

In the collaboration between the Centre for Affordable Water and Sanitation Technology (CAWST, Canada), Department of Sanitation, Water and Solid Waste for Development at the Swiss Federal Institute of Aquatic Science and Technology (SANDEC/EAWAG) and Institute of Environmental Science and Engineering, National University of Civil Engineering (IESE/NUCE), the **Training course on Faecal Sludge Management** is being organized. The lectures are professors, leading experts in the field of Faecal Sludge Management at from CAWST, SANDEC and IESE, who have rich experiences in the field in USA, Canada, Switzerland, Vietnam and many other developing countries.

Date: 2 days (22nd + 23th May, 2017).

Location: G3 Building, National University of Civil Engineering. 55 Giai phong Rd, Hai Ba Trung Dist, Hanoi, Vietnam.

Language: English and Vietnamese.

Time for registration: before 19th May 2017.

CAWST provides technical training and consulting services to organizations that implement water, sanitation and hygiene (WASH) projects in developing countries. SANDEC/EAWAG is a leader in faecal sludge management research and implementation at a city-wide scale, and has published numerous scientific papers and books on this topic. IESE, NUCE is among leading research, education and consultancy institutions in the field of water supply and sanitation, including FSM, in Vietnam, with number of academic publications and practical implementations.

Course Objectives

The overall goal for this workshop is for participants to be able to apply concepts of sustainable faecal sludge management at a community or city-wide scale. Upon completion of the workshop, participants will be able to:

- Discuss the importance of faecal sludge management to protect public health and the environment
- Describe faecal sludge management in relation to the entire sanitation service chain
- Describe the design approach for the sanitation service chain
- Identify different faecal sludge collection and transportation technologies
- Identify different faecal sludge treatment technologies
- Identify different options for the safe use or disposal of faecal sludge treatment products

- Identify common faecal sludge management implementation challenges and discuss solutions
- Discuss a planning approach for faecal sludge management
- Establish a network of contacts with other faecal sludge management practitioners

Note: Information of the following topics outside the scope of this workshop such as design and construction of on-site sanitation technologies like pit latrines or septic tanks, wastewater transported by a sewer system,... can be found at www.cawst.org/services/training, www.sandec.ch, www.iese.vn.

Who should participate?

The target audience of this workshop are practitioners in developing countries who are or will be designing, planning, promoting or managing faecal sludge management systems. Participants are expected to have basic knowledge of sanitation. The workshop does not go into details on the engineering design of different faecal sludge management technologies.

Participation by women is encouraged. Preferably, some people from each organization would attend to ensure that they learn together and benefit most from the workshop.

Expected participants to training course: 25-30.

Conference registration fee: The course providing institutions CAWST, SANDEC, IESE will cover most of course expenses such as international flight for lecture, preparation of training materials, ... Each participant will pay only VND500,000 or USD25 equivalent for the course logistics.

Participants are responsible for their own transportation and accommodation expenses.

Registration: please contact:

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DIRECTOR



VIỆN TRƯỞNG

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THE TRAINING COURSE ON FAECAL SLUDGE MANAGEMENT (Ver. 1)

22 May	Morning, Day 1					Afternoon, Day 1				
	Title: Introduction to Faecal Sludge Management					Title: Approach methodologies on FSM				
	Opening ceremony	Characteristics of excreta and faecal sludge, and the difference between faecal sludge and wastewater characteristics	Global and local faecal sludge management issues	Risks of faecal sludge management in relation to public health and the multi-barrier approach	Faecal sludge management in relation to the entire sanitation service chain	Design approach to arrive at a sustainable faecal sludge management solution	Different methods to collect faecal sludge from on-site sanitation technologies and transport the treatment facilities	Faecal sludge treatment objectives and technologies	Common operation and maintenance challenges of faecal sludge treatment facilities	Value of using faecal sludge treatment products
23 May	Morning, Day 2					Afternoon, Day 2				
	Title: Financial models for FSM					Title: Legal frameworks for FSM and Case study Review				
	Stakeholder analysis and engagement as a critical part of faecal sludge management	Financial transfers and flow models for faecal sludge management	Field trip to visit local faecal sludge management technologies and systems (TBC)			Legal frameworks for faecal sludge management	Integrated planning process for faecal sludge management	Identifying solutions to real life case studies	Planning actions and next steps for after the workshop	Final evaluation, Certificate, and Workshop closing