

CGSW Seminar Series Presents:

Dr. Sahar Dalahmeh

Department of Energy and Technology
Swedish University of Agricultural Sciences



Use of Wastewater Streams in Agriculture: Potential Benefits and Risks Based on Experiences in Sweden, Jordan and Uganda

Thursday, February 7, 2019

2:00 p.m. – 3:30 p.m.

Claudia Nance Rollins Building, Room 2001



Dr. Sahar Dalahmeh is a researcher in the Department of Energy and Technology at the Swedish University of Agricultural Sciences (SLU) in Uppsala. Her current research focuses on risk assessment, occurrence, treatment, and environmental and human impacts of micro-pollutants in different waste streams (blackwater, urine, municipal wastewater, and sewage sludge). Ongoing projects include: (1) Pharmaceutical residues in sludge fertilized-farmland and their spread to the environment, (2) The occurrence and fate of pharmaceutical residues from their sources to water bodies and the food chain- Case study in Jordan, and (3) Pharmaceutical pollution from use of wastewater in agriculture: impacts and mitigation measures for arable land ecosystems and production capacity in Uganda. Dr. Dalahmeh is visiting the Center for Global Safe WASH at Emory to develop cooperation between SLU, Emory University, and the Royal Scientific Society of Jordan in research and education about microbiological and pharmaceutical risks associated with the use of wastewater in agriculture.

