Distinguished Lecture Series

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“At the Confluence of Nutrients, Pharmaceuticals and Sustainability: Emerging Issues in Wastewater Management”

Among the issues that are of greatest concern in the wastewater quality field are emerging contaminants and nutrients. Emerging contaminants such as pharmaceuticals and personal care products are an intractable problem for which cost-effective solutions seem limited. As the industry rethinks the entire strategy for “sustainable” waste management in the developed world (decentralization versus centralization, source separation versus source combination), decision-making needs to be better informed by a sound understanding of those factors that inordinately affect water quality, and by identifying what is most sustainable for a given locality. An overview of the concept of sustainability as it pertains to the wastewater treatment field will be presented. A framework for a sustainable design methodology for wastewater design (being developed in collaboration with Dr. Steve Skerlos at UM) will be introduced.

Friday
March 25
10:00 - 11:00 a.m.
Avaya Auditorium
ACES Building 2.302

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