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Food Waste the Problem and Opportunity

Presented by:

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- ▶ Worldwide, 30 to 40% of food production is lost between the field and plate. While some of this "loss" can be reduced by feeding people and animals per the EPA Food Waste Hierarchy, a significant quantity still ends up as solid waste (garbage) or wastewater. Anaerobic digestion offers a solution for the problem of what to do with food and other organic waste around the globe. The digester is a sealed tank, deprived of oxygen, in which organic waste is degraded at a high temperature. This allows waste material to decompose quickly and produce methane that can be captured and converted to energy.

Click the link below for more information on a local anaerobic digester in Michigan-

<https://msutoday.msu.edu/feature/2018/poo-to-power-turning-zoo-waste-into-clean-energy/>

- ▶ **Tuesday, Sept. 25, 2018 6 pm**
- ▶ **MSU Campus**
 - ▶ Dinner and lecture at Brody Square Cafeteria followed by a behind the scenes cafeteria tour of food waste diversion and collection
 - ▶ Private tour of the MSU Anaerobic Digester @ Anaerobic Digestion Research & Education Center (ADREC), South Campus MSU



Great Lakes Section
Institute of Food Technologists

Click [here](#) for link to Dana Kirk's biography