

# **UWM Center for By-Products Utilization**

**Department of Civil Engineering and Mechanics**

**College of Engineering and Applied Science**

## **SEMINAR**

# ***How to Compost Organic Materials Quickly and Efficiently***

**By**

**Marcia Silva**

**UWM Center for By-Products Utilization**

**The University of Wisconsin - Milwaukee**

**Friday, June 11, 2004      10:00 A.M – 10:50 A.M.**

**Room E375, EMS Building, UW-Milwaukee**

**3200 North Cramer Street, Milwaukee, WI**

*Composting is biological decomposition of organic materials to produce a stable compost product, free of pathogens and plant seeds, which can be beneficially applied to land. Usually, composting processes are slow and the compost has to be blended with other minerals to complement its properties and performance.*

*This presentation will show how to compost organic materials quickly and efficiently, with or without supplementary inorganic minerals. A proposal for a new efficient system that would generate good-quality compost and reduces the time in the process, while providing an ecologically sound use for the Municipal Solid Waste (MSW), will be presented. This efficient system produces energy as well as allows other market opportunities.*

Marcia Silva is an exchange undergraduate student from Brazil who worked on a research project at the UWM Center for By-Products Utilization during the spring semester 2004 to meet the requirements of Bachelor of Science in Food Engineering from Universidade do Vale do Rio dos Sinos – UNISINOS, Brazil. She also worked on another research activity at the Bacterial Genetic Research Lab of the Great Lakes Water Institute, UWM. As a Chemistry Technician, she has worked for many food industries in Brazil for over 10 years. Also as a Chemistry teacher she has taught engineering subjects at a Chemistry Technical School in Brazil. She is a member of the Chemistry Regional Council in Brazil.

**There is no cost to register for this seminar.**

**For further information, and to register, please call Tarun Naik or Rudi Kraus at (414) 229-4105.**