



# Michigan Chapter Soil & Water Conservation Society

## **A MATTER OF BALANCE: PEAK PHOSPHORUS – BALANCING DEMAND, SUPPLY AND THE ENVIRONMENT**

**Michigan Chapter Soil and Water Conservation Society Seminar**

**Wednesday, March 10, 2010, 8:30 a.m. – 4:30 p.m.**

**Michigamme Room, Kellogg Hotel and Conference Center**

**Michigan State University, East Lansing, Michigan**

### **AGENDA**

8:30 a.m.

#### **Registration**

9:00a.m.

#### **Welcome and Introductions**

Rebekah Dewind, President, Michigan Chapter SWCS

#### **Phosphorus! A Limited and Essential Resource**

Dr. David Vaccari, Director, Civil, Environmental and Ocean Engineering, Stevens Institute of Technology, Hoboken, NJ

#### **Phosphorus movement through landscapes and its effects on aquatic ecosystems**

Dr. Stephen Hamilton, Professor, Kellogg Biological Station and Zoology Department, Michigan State University, Hickory Corners, MI

#### **Mid-morning Break**

#### **Mycorrhizae and the Phosphorus Cycle**

Jerry Grigar, State Agronomist  
USDA-NRCS, East Lansing, MI

#### **Michigan Chapter SWCS Awards**

Rebekah Dewind and Carrie Vollmer-Sanders, Region 4 Director

11:30 a.m. – 1:00 p.m.

#### **Lunch Break (Lunch not provided)**

#### **Phosphorus Management in Urban and Suburban Environments**

Dr. Kurt Steinke, Assistant Professor  
Department of Crops and Soil Sciences, Michigan State University, East Lansing, MI

#### **Evolving Phosphorus Cycling Technology in Wastewater Management**

Dr. David Vaccari, Director, Civil, Environmental and Ocean Engineering  
Stevens Institute of Technology, Hoboken, NJ

#### **Mid afternoon Break**

#### **The Role of Phosphorus in Livestock Nutrition**

Dr. Dale Rozeboom, Associate Professor  
Department of Animal Science, Michigan State University, East Lansing, MI

#### **Keeping Manure Phosphorus on the Land**

Natalie Rector, Manure Nutrient Management Specialist  
MSU Extension, Marshall, MI

#### **Land Management to Protect Surface Water**

Jerry Grigar, State Agronomist  
USDA-NRCS, East Lansing, MI

#### **Questions and Answers**

4:30 p.m.

#### **Adjourn**

*To foster the science and the art of soil, water, and related  
natural resource management to achieve sustainability*