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# SWAT Training Workshop & BMP Modeling Discussion

Wednesday, June 22, 2011 – Wilkeson 145

UB Geography Dept  
Wilkeson Quad / North Campus  
Amherst, NY 14261  
Ph: 716-645-0504

Please RSVP to Linda Doerfler ([doerfler@buffalo.edu](mailto:doerfler@buffalo.edu)) to confirm your participation.  
\$10 registration fee to cover food and beverage service for the day (pay on site)

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## *Final Agenda*

- 8:30 a.m.**      **Welcome, Introductions and BMP Meeting Objectives**
- 8:40 a.m.**      **Introduction to BMPs**
- 9:00 a.m.**      **Modeling BMP Scenarios**
- 9:20 a.m.**      **Selecting Appropriate BMPs**
- 9:40 a.m.**      **Expected BMP Modeling Outcomes**
- 9:45 a.m.**      **Break**
- 10:00 a.m.**     **Welcome, Introductions and SWAT Training Objectives**
- 10:10 a.m.**     **Overview of SWAT/ArcSWAT**
- SWAT model theory
  - Understanding model inputs & outputs
- 10:45 a.m.**     **Overview of GeoProMT**
- 11:30 a.m.**     **Running SWAT from an Established Model**
- 12:00 p.m.**     **Break for Lunch**
- 12:30 p.m.**     **Preparing SWAT to Run from Scratch**
- Gathering required data for SWAT
  - Pre-processing data for SWAT
  - Configuring SWAT parameters
- 1:45 p.m.**      **Break**
- 2:00 p.m.**      **Running SWAT from Scratch**
- Delineating watersheds
  - HRU delineation
- 3:30 p.m.**      **Break**

**3:45 p.m. Understanding, Visualizing & Analyzing Model Outputs**

- Geodatabase tables
- GIS feature attributes
- Thematic mapping through table joins

**4:30 p.m. Overview of SWAT Model Calibration & Validation**

**4:45 p.m. Wrap-Up and Final Discussions**

**5:00 p.m. Adjourn**