
SWAT Training Workshop & BMP Modeling Discussion

Wednesday, June 22, 2011 – Wilkeson 145

UB Geography Dept
Wilkeson Quad / North Campus
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Please RSVP to Linda Doerfler (doerfler@buffalo.edu) to confirm your participation.
\$10 registration fee to cover food and beverage service for the day (pay on site)

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