Central Eastern European SWAT Workshop
Introductory & Advanced

Date: 27 June to 1 July 2011

WULS-SGGW Water Centre
Warsaw, Poland

Workshop Information
Introductory and Advanced SWAT Workshops will be led by Dr. Raghavan Srinivasan, Texas A&M, USA.

- **Introductory SWAT:** Standard: 300 € Student: 150 €
- **Advanced SWAT:** Standard: 200 € Student: 100 €

Registration Information
To register, email Mikołaj Piniewski (mpiniewski@levis.sggw.pl) to request registration form.

- Registration deadline: 30 April 2011
- Payment deadline: 10 June 2011

Workshop Location
WULS-SGGW Water Centre (opened in 2010); Poland’s largest research facility dealing with water issues.

Accommodations
Participants needing local accommodations are encouraged to book rooms in the WULS-SGGW Guest-Rooms “IKAR” (155 PLN/night), situated at the University Campus (http://ikar.sggw.pl/)

For more information please contact
**Jarosław Chormański** (j.chormanski@levis.sggw.pl)

Organizing Committee
Dr. Jarosław Chormański (WULS-SGGW, Poland)
M.Sc. Mikołaj Piniewski (WULS-SGGW, Poland)
Dr. Raghavan Srinivasan (Texas A&M, USA)
**Introductory Workshop** A three-day workshop designed to introduce new users to the model, review necessary and optional inputs, and familiarize the user with the ArcGIS interfaces. It is assumed that attendees have a working knowledge of ArcGIS.

**Day 1 (Monday, June 27)**
- Welcome/introduction
- Model Overview (theory)
- Model applications (theory)
- Theory and Application of SWAT

**Day 2 (Tuesday, June 28)**
- Introduction to SWAT/ArcGIS interface (GIS)
- Watershed delineation
- Landuse and soil overlay
- HRU delineation
- Weather and remaining inputs to develop the SWAT model (including point sources)
- Review of summary outputs

**Day 3 (Wednesday, June 29)**
- Finish SWAT simulation using SWAT/ArcGIS interface
- Visualization and interpretation of SWAT outputs through GenScn
- Introduction of calibration and validation techniques
- Address user requests and answer questions

**Advanced Workshop** A one and a half-day workshop that will cover sensitivity analysis, model calibration, and uncertainty analysis using the 2009 version of SWAT with an ArcGIS interface. The last day of training will be open to Questions & Answers. All participants are encouraged to bring their own dataset projects and conceptual modeling questions to the session.

**Day 1 (Thursday, June 30)**
- Welcome/introductions
- ArcSWAT and SWAT-CUP tools
- Sensitivity and calibration/validation (theory)
- Model applications
- Continue calibration/validation

**Day 2 (Friday, July 1)**
- Uncertainty analysis
- Model applications
- Continue uncertainty analysis
- Discussion of individual participant’s SWAT modeling issues

**About the SWAT Model:** The Soil and Water Assessment Tool (SWAT) is a public domain model actively supported by the USDA Agricultural Research Service at the Grassland Soil and Water Research Laboratory in Temple, Texas, USA. The main purpose of the model is to predict the effects of management decisions on water, nutrients, sediments and pesticide yield with reasonable accuracy on large, ungauged river basins. It is a distributed model that simulates all previously mentioned constituents on a daily time step. SWAT defines hydrology by a specific list of parameters including interception, evapotranspiration, surface runoff, lateral flow, soil percolation and ground water flow as well as river routing processes. Please visit http://swatmodel.tamu.edu/ for further details about SWAT and a free software download.