SWAT+ Toolbox Workshop Outline

Day 1 – 26 June

Morning Session

- **Overview of setting up a SWAT+ Model.**
- **Overview of SWAT+ model files.**
  A walkthrough of various SWAT+ model files and where model parameters are located.

- **Modifications using SWAT+ Editor.**
  Quick demonstration of changing parameters and management through SWAT+ Editor.

- **Introduction to SWAT+ Toolbox**
  Presentation on what SWAT+ Toolbox is.
  Overview of features and benefits of the SWAT+ Toolbox.

- **Setting up SWAT+ Environment**
  Guide to setting up the SWAT+ environment for those who had trouble.

Afternoon Session

- Creating a new SWAT+ Toolbox project.
- Opening an existing SWAT+ Toolbox project.
- Setting up SWAT+ Run options.
- Running SWAT+ in SWAT+ Toolbox.
- Extracting Time Series Data from model results.
- Adding Parameters and Observations.
- Running Sensitivity Analysis.

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Day 2 – 27 June

Morning Session

- **Model Evaluation**
  Introduction to Model Evaluation.
  Understanding the importance of Model Evaluation.
  Practical session on how to carry out Model Evaluation.

- **Manual Calibration**
  Understanding the basics of Manual Calibration.
  Step-by-step guide to performing Manual Calibration.

- **Automatic Calibration**
- **Model Checks**
  Importance of Model Checks and how to perform Model Checks.

Afternoon Session

- **Land Use Management and Decision Tables as part of Calibration**
  Understanding Land Use Management in SWAT+. How can we create/modify and use Decision Tables in the context of Calibration?

- **Q&A**
  Open session for participants to ask questions and address any challenges encountered during the training.

This training program aims to provide a comprehensive understanding of the SWAT+ Model and SWAT+ Toolbox, offering participants hands-on experience to gain proficiency in using the tools and applying the techniques. All attendees are encouraged to actively participate in the sessions and ask any queries they may have.

Data for the training will be provided.