Tuesday, August 13

9:00 a.m. **Introductions, Overview & How Modeling fits into Watershed Planning** ..... Nikki Dictson, TWRI
   Provide participants with an introduction to watershed modeling and models available for use. Participants will gain an understanding of what model is needed for watershed protection planning, how modeling results fit into 9 Elements, and the resources needed to take next steps.

9:30 a.m. **Models Overview: Purposes and Limitations** .............................................R. Srinivasan, TAMU
   This presentation will provide a broad overview of purposes and limitations of currently available models including their strengths and weaknesses; validation and calibration.
   Handout: EPA Guidelines Decision Matrix

10:30 a.m. **Break**

10:45 a.m. **Models Overview: Purposes and Limitations** ............................................. continued

12:15 p.m. **Lunch** (catered lunch or bring your own)

1:00 p.m. **Factors to Consider when Modeling: Time & Money** .............................................R. Srinivasan, TAMU
   What are the data needs and requirements for models? This presentation will discuss model capabilities; time; money; etc. and the data available for calibrating/validating models.

2:00 p.m. **Using Simple Tools** ............................................................................................................Larry Hauck, TIAER
   This presentation will discuss tools that can be used with limited data and under resource constraints (load duration curves, literature values, GIS land-use based methods, export coefficients, and empirical approaches).

2:45 – 3:00 p.m. **Break**

3:00 – 4:00 p.m. **Quality Assurance Project Plans (QAPPs)** .........................................................TBD
   Present on QAPPs from a conceptual standpoint. What needs to be covered; how the data need to be described; references to uncertainty estimation and sensitivity analysis; requirements for gathering existing data.

4:00 – 4:45 p.m. **Stakeholder Communications and Modeling** .............................................Nikki Dictson, TWRI
   Provide examples on the process of bringing stakeholders to the table to understand the model, get consensus approval of inputs and presenting modeling results to engage stakeholders in implementation.

4:45 – 5:00 p.m. **Wrap Up** ..................................................................................................................Nikki Dictson, TWRI