

Working Session #3: Modeling

Adriane Borgias & David Dilks

Session Focus:

Discuss modeling concepts and the PCB data collection needed to define the current state of the river and identifiable contributing sources (loading assessment).

Session Specifics:

What is the expected outcome of the modeling activity?

What types of models have been used in other watersheds and what was the purpose of the modeling?

What model(s) would work for source identification and development of Best Management Practices? What models(s) would work for loading assessment?

What types of data are needed for the various types of models and when would it be collected? What level of quality is required of the data (accuracy, precision, repeatability)?

When would the models be employed and when would the data be used?

What are the relative costs of employing different types of models? How often would a modeling run need to be conducted? How would the modeling run be conducted?