

### **AUTOTUTORIAL 3: 2D MODEL VALIDATION**

Background: Validating 2D model results is a vital step in the process of generating results that people will believe to be reasonably accurate. If your model is built on sparse topographic data, then do not expect the 2D model to necessarily perform well

Objective: Practice the steps involved in 2D model validation.

Materials: validation.zip file. ArcGIS, MS Excel.

#### Homework assignment:

- 1) Read Chapters 5 and 6 of the textbook. Follow the steps in the chapters using the provided data to create a model-velocity TIN and then interpolate model velocities from the TIN to the observation points.
- 2) Describe the performance of the 2D model whose data you have analyzed.
- 3) Write up a brief summary of your work, including a map graphic for the velocity TIN as well as your evaluation of validation performance.

#### Helpful info:

Please read the README text file to get the latest updates and troubleshooting tips before starting the tutorial.