

Documentation

For generating scenario file, we have two tools based on ArcGIS software, one for calibration, and another one for prediction. When we open ArcMap, we can find the folder structure shown as Figure 1. The tools are under SmartSleuth.tbx, an ArcGIS tool box.

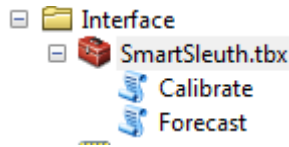


Figure 1. Tool box

Double click on one of the tools, the interface is shown as Figure 2 or Figure 3. Basically, user needs to specify the path for all the input and output datasets, and also the value for parameters. Using the first item, user can load in the existing scenario file, and fill the other items automatically. In this way, user can edit the parameters based on the existing scenario file. However, user needs to pay attention to the path sign since Windows and Unix OS have different path sign. The item with green dot means one item must be defined, otherwise it is optional.

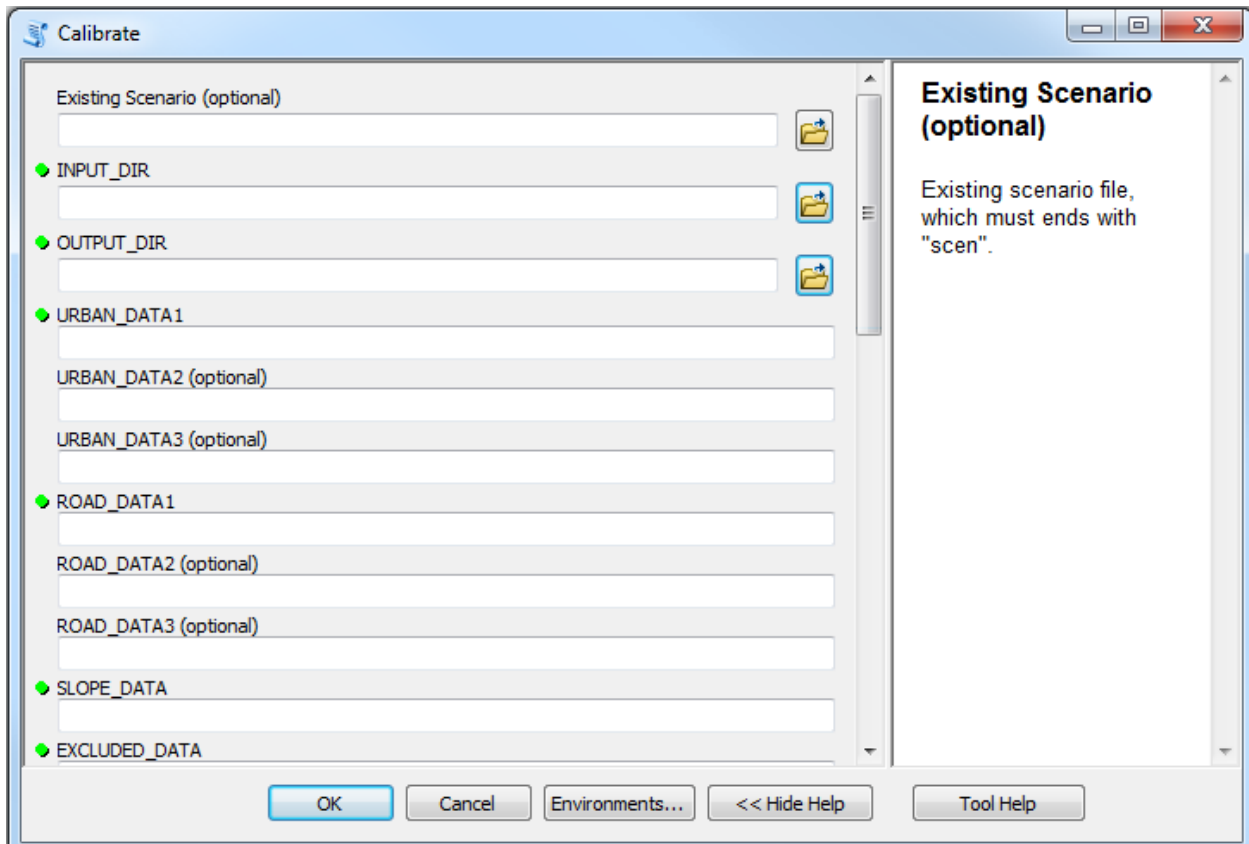


Figure 2. Interface of the calibration tool

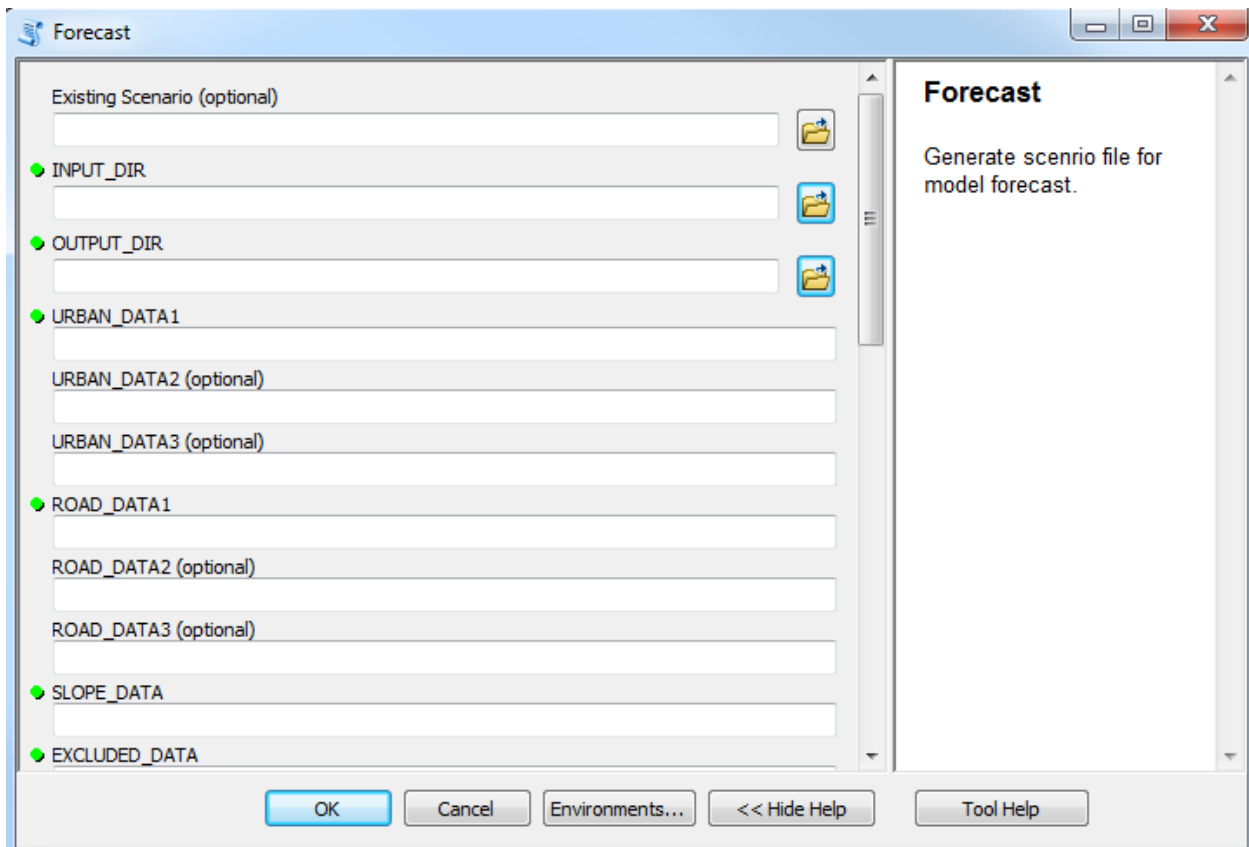


Figure 2. Interface of the forecast tool