

Hi John,

To run my watershed and stream delineation tool in ArcGIS Pro, you will have to input a raster and a shapefile containing outlet points. I have provided two sets of files for you to test the tool. In the `data` folder, navigate to the `test_1` folder to run the tool for 1 DEM and 1 outlet point. Or go to the `test_2` folder and use the 4 DEMs and a shapefile containing multiple point features to see how the tool processes multiple elevation rasters and outlet points.

You can find my `.py` script in the `script` folder. I have provided all the relevant comments explaining my code. The tool will take about 2-4 minutes to run. And while it runs, you can see the geospatial processes taking place behind the scenes in the `Message` section of `View Details` in the geoprocessing pane for this tool. I used `arcpy.AddMessage` to let the user know which process is being applied at that moment.

The markdown file `README.md` provided in the parent directory gives information on:

- Description of the tool
- How to use the tool?
 - Inputs
 - Elevation raster(s)
 - Outlet(s)
 - Aggregate watersheds?
 - Outlet snap sensitivity
 - Stream network sensitivity
 - Outputs
 - Watershed(s)
 - Stream network
 - Outlet(s)
- How are folders organized?
- How to configure ArcGIS pro to run the tool?
 - Script tool parameters
- How does the tool work?

- Notes

For details about a specific section, please refer to the `README.md` file. I have also added metadata for the tool in ArcGIS Pro. I would love to hear any thoughts or advice you might have.

Thank you so much 😊

Best regards,

Pierre