

GEOG503A In-class Assignment 5

Write a Python script to perform **buffer analysis** on the provided shapefiles based on the following conditions. Do not use hard-coded filenames.

- If the shapefile is a **Point** Feature Class, buffer distance = 1000 m
- If the shapefile is a **Polyline** Feature Class, buffer distance = 2000 m
- If the shapefile is a **Polygon** Feature Class, buffer distance = 3000 m

The output file name should be the original filename + “_buffer.shp” (e.g., parks_buffer.shp). Save all output files to the **Results** folder.

Upload your Python script (without data/results) to Blackboard.