

# Modeling the hydrology of the Washington Park Arboretum and surrounding land

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## Goals:

- To better understand how the land surrounding the WPA affects plant collection and management
- Model the hydrology and land use of the areas surrounding the WPA
- Determine management implications
- Test accuracy

## Methods

- Use geospatial information systems (GIS) analysis and light detection and ranging (LiDAR) data to determine areas of high water flow
- Locate high flow areas and test accuracy of model during and after rain events

