



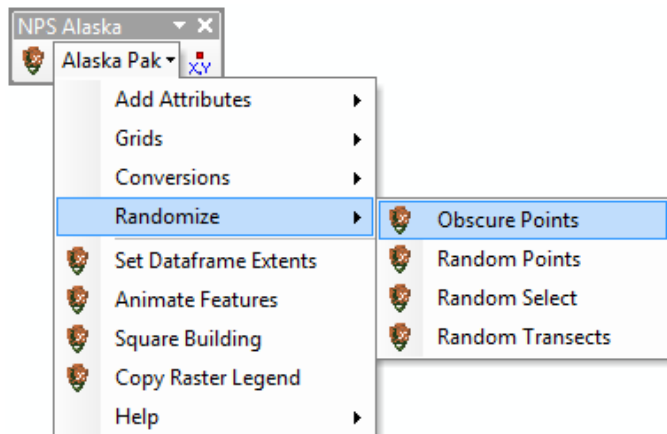
NPS AlaskaPak 3.0

Importance

NPS AlaskaPak is a collection of custom tools developed to meet the needs of GIS users in the Alaska Region. This toolkit is designed to augment the functionality of ESRI's ArcGIS by providing a simple interface for many common tasks and workflows performed by GIS specialists, resource managers, and other scientists working with spatial data at NPS.

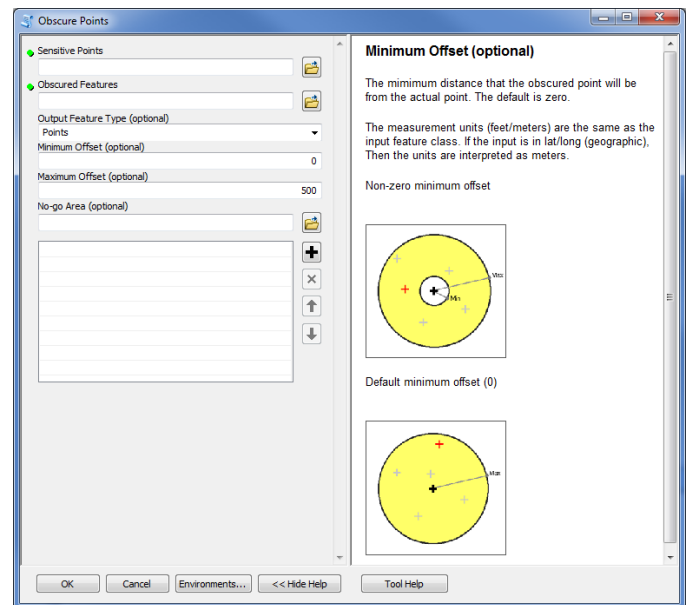
Background

NPS AlaskaPak was first developed for ArcView 3.0 to provide functionality that was not integrated into the ESRI software. The toolkit has continued to grow as GIS users in the Alaska Region have become more technically savvy and have required more custom needs for spatial tools and analysis.



Technical Details

NPS AlaskaPak provides a single point of access for these regularly used tools through a toolbar Add-In in ArcGIS 10. The menu structure from the previous version has been retained for user familiarity, even though several AlaskaPak tools are now provided by ESRI. In those instances, the custom code has been retired and the menu items provide an easy way to activate the built-in functionality.



Many of the tools in NPS AlaskaPak 3.0 are now also available in ArcToolbox. This provides additional flexibility by allowing users to incorporate them into custom models and workflows.

Key Tools

- Create random transects, points, and selections
- Create and populate common attributes (id, X, Y, length, area)
- Convert features between geometry types
- Create features from tabular data
- Create and modify grids

Location of Application

Alaska Region: Add X:\GIS\ADDINS\10.0 to your list of ArcMap add in folders

Others: http://science.nature.nps.gov/nrgis/applications/gisapps/gis_tools/8x/alaskapak.aspx

Contact Regan Sarwas for any additional questions regarding NPS AlaskaPak: Regan_Sarwas@nps.gov.