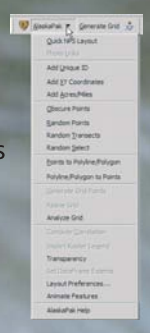
The AlaskaPak Toolkit

http://www.nps.gov/akso/gis

NPS Alaska Region GIS Team

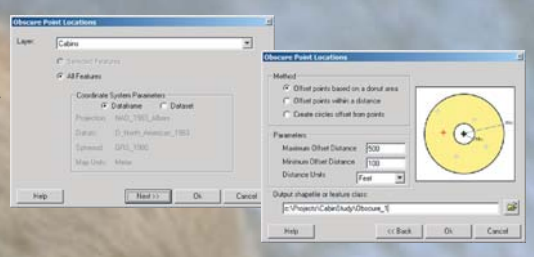
What is the AlaskaPak Toolkit?

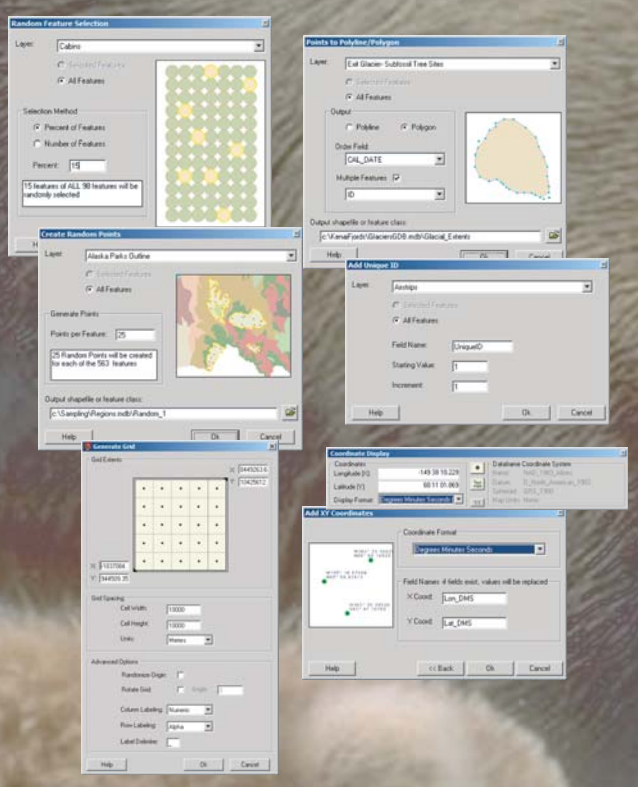
AlaskaPak is a collection of useful tools that extend the capabilities of ArcMap™. These tools help GIS users perform common or tedious tasks in a quick and consistent manner. All the tools use intuitive graphical forms that lead the user through the process.



What's included in AlaskaPak?

AlaskaPak has a collection of tools that provide users with coordinate handling support, data conversion/manipulation, analysis and display. There is a collection of sampling tools as well that can be used to derive random samples or random selection sets. An integrated help system explains each tool and how to use it correctly.





How does AlaskaPak work?

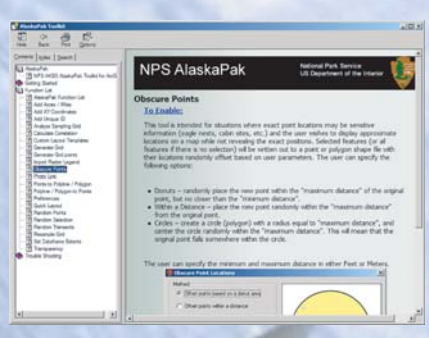
A simple installation wizard will add a toolbar to the ArcMap™ interface. When appropriate data is available in the ArcMap™ document, the various tools become enabled.

All of the tools utilize graphical forms often illustrating the process being performed. Some of the more involved tools use wizards or multi-step forms to walk users through the process.

All tools work either on a selected set of records or all the records allowing users added flexibility. Many of the tools provide different actions depending on the data being accessed (for instance, Add XY will add centroid locations to polygon feature classes, point locations to point feature classes, and beginning vertex locations to polyline feature classes).

Who is AlaskaPak intended for?

AlaskaPak is intended to help both beginner and expert ArcMap™ users perform common tasks. Some of the tools (such as the sampling routines) are intended for biologists, but can be used in other ways as well by creative minds. All are intended to be as flexible as possible and hopefully can be used in ways not envisioned by the developer.



Brook Falls, Katmai National Park & Preserve
Photo courtesy Philip Greenspun

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Download the AlaskaPak Toolkit at:
http://science.nature.nps.gov/alaskapak

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