Installing AlaskaPak3.0

These instructions are for Park service employees who want to help with beta testing AlaskaPak 3.0. Alaska Pak is not ready for distribution to the public (heck it is barely ready for beta testing.) I appreciate your interest in the tools, and am eager to hear you comments, complaints, requests and praises. But first …

WARNING: BACKUP CRITICAL DATA BEFORE TESTING. Many geoprocessing tools (not just those in AlaskaPak) can modify the source data without any ability to undo the changes. Many geoprocessing tools (not just those in AlaskaPak) contain bugs that in the wrong conditions can cause irreparable harm to your data. AlaskaPak is beta software and does contain bugs. You have been warned.

Okay, with that out of the way, the first thing you need to understand is that AlaskaPak does not have any installation or configuration program. That may change, but for now you have to do things manually. Fortunately if you can get some smarty-pants to do steps 1 through 4 for your park/region/etc, then everyone else on your local network only needs to do step 5.

# Step 1 – Get the AlaskaPak Addin

Copy/paste **\\165.83.60.38\gisdata\GIS\AddIns\10.0** into the address bar of windows explorer. Copy the file **AlaskaPak3.esriAddIn** to a convenient location on your computer (or network if you want others to be able to take advantage of your work).

# Step 2 – Get the AlaskaPak Toolboxes

Copy/paste **\\165.83.60.38\gisdata\GIS\Toolboxes\10.0** into the address bar of windows explorer. Copy all the files in this folder to a convenient location on your computer (or network if you want others to be able to take advantage of your work). There is actually a little more here than you really need, but the files are small, and it’s better to be safe than sorry.

# Step 3 – Get ThemeManager 3.0

Optional. Copy/paste **\\165.83.60.38\gisdata\GIS\ThemeMgrApp** into the address bar of windows explorer. Copy the folder **Ver10.x** to a convenient location on your computer (or network if you want others to be able to take advantage of your work). You can now run Theme Manager by double clicking on **<your\_location>\Ver10.x\ThemeManager** or **ThemeManager.exe** if file extensions are not hidden. ThemeManager will not run without the support files and folders in the **Ver10.x** folder. You can put the **Ver10.x folder wherever you like, just keep the package together.**

# Step 4 – Edit Configuration Files

This is the hard part, so get a cup of coffee first. Ready? …

You must have file extensions visible. (Windows Explorer options; View tab; Advanced Settings:; uncheck ‘Hide extensions for known file types’; click OK).

All these steps are done in or below the folder where you saved the file in step 1.

1. Rename **AlaskaPak3.esriAddin** to AlaskaPak3.**zip**
2. **Unzip AlaskaPak3.zip. You will either have two folders (Images and Install) and 1 file (Config.xml), or a folder called AlaskaPak3 with the same three items within it.**
3. **Either way, go to the folder named Install.**
4. **Among other files there will be one called PathToThemeManager.txt and one called PathToToolBox.txt.**
5. **Edit these files with notepad (do not use MS Word or wordpad). Replace X:\GIS\... with the paths you created in steps 2 and 3. Be sure to save your changes as a plain ASCII text file (default with notepad)**
6. **Select the three items mentioned in step two, and zip them up. If a folder was created in step 2, do NOT zip up that folder. The two folders and 1 file must be at the top level of the zip file.**
7. **Rename the zip file to AlaskaPak3.esriAddin.**
8. **If you did something wrong, when you try to invoke a tool from the AlaskaPak menu in ArcMap, it will give you an error message telling you that it can’t find the toolbox (or Theme Manager) and where it is looking. If so, go back to step one and try again.**

# Step 5 – Configure ArcMap

If you are only worried about yourself, then you can double click on **<your\_location>\ AlaskaPak3.esriAddIn**, and ArcMap will install it some obscure folder on your C drive. If the addin in **<your\_location>** is updated, you will be out of date until you repeat step 5. If you are maintaining this addin for multiple people, it is best to have ArcMap look for any new addins in **<your\_location>** every time it starts. To do this:

1. Start ArcMap
2. Select Customize -> Add-In Manager … from the main menu.
3. Click the Options tab
4. Click the Add Folder… button
5. Browse to **<your\_location>** and click Ok.
6. Click the Close button
7. Restart ArcMap
8. Click next to **NPS Alaska** in the Customize->Toolbars main menu. (You may need to restart ArcMap to see the toolbar in the list).

# Step 6 – Repeat Often

AlaskaPak3.0 is changing often (at least weekly, but sometimes daily), so you will need to repeat these steps whenever you want to be sure you have the latest and greatest.

### Need a little more? Email [Regan\_Sarwas@nps.gov](mailto:Regan_Sarwas@nps.gov) or Phone 644-3548