Friday, November 12, 2004

Welcome to California

ISB INFORMATION SERVICES BRANCH
NORTHERN CA - NORTH COAST REGION

Home

Map Applications

ISB Documents

GIS Tools/Utilities

About Us

This Site

About GIS Tools/Utilities

This page contains tools (scripts and extensions) that we have found to be very helpful. Some of these tools have been developed by ISB Staff, while others have been obtained from outside sources. If you are new to using ArcView or ArcGIS, please contact the ISB Staff for assistance with the download and installation process.

General Utilities

Convert	Useful Stand-alone unit conversion program. Converts units of length, volume, mass, temperature, etc. Obtain from Author.

ArcView 3.x Utilities

California Shapefile Projector	**New 01/22/2003** This ArcView extension allows the user to re-project shape files between many of the commonly found California Projections (Albers, UTM 10, UTM 11, State Plane zones 1 - 7, and Geographic). Extension will also perform a NADCON transformation (NAD 27 - NAD 83) and allows the user to select units (meters or feet). This version (version 2.1) allows batch projection of all shapefiles in a user specified directory. This version also builds a spatial index and adds a ".prj" file to each projected shapefile. Finally, this version also recalculates standard fields such as area, length, and acreage. To use this extension, download the CalProjector.zip file and unzip it to an empty directory (e.g., "c:\aaa"). Once you have unzipped it, read the readme.txt file for installation instructions.
Image CropMiser	Allows users to crop Tiff images based on a user defined rectangle. Creates a new Tiff image with an associated world file. Obtain from ArcScripts.
	This extension includes a variety of functions and utilities that are commonly used in

NCNCRTools	the Northern California - North Coast Region. This is the full version which takes a while to download due to the size of a data file that accompanies the "Locate Feature" function. If your download speed is slow, I would suggest that you download and use the "Lite" Version of this extension (See Below). To use this extension, download the NCNCRTools.zip file and unzip it to an empty directory (e.g., "c:\aaa"). Once you have unzipped it, read the readme.txt file for installation instructions.
NCNCRTools "Lite"	This is the "Lite" version of the NCNCRTools extension which does not include the "Locate Feature" function. To use this extension, download the NCNCRTools_Lite.zip file and unzip it to an empty directory (e.g., "c:\aaa"). Once you have unzipped it, read the readme.txt file for installation instructions.
Project File Organizer	The ArcView Project Organizer is an extension that allow the user to organize and distribute the ArcView Project (.apr) files and their data files. When executed, the APR and all datafiles (shapefiles only) are moved into a single directory of the user's choice. Note: If your project includes ArcInfo Coverages, images and grids, you might try Archive Project-PCv1.4
RouteTools Extension (2.1)	The RouteTools extension was developed by Eric Haney CDFG-NCNCR to enable the rapid development of stream event information. The tools are designed to allow users to collect geographic referencing information (events) that can be related to any survey information, observation data, or stream attribute information (e.g., habitat data). This tool is designed to work with statewide routed hydrography data that can be freely downloaded from the CalFish website.
XTools Extension	This is a very powerful ArcView Extension developed by Mike DeLaune at Oregon Deparment of Forestry (ODF) that provides an excellent variety of ArcView Tools. Obtain from ODF.