

CanVis News

New Features

Training videos are coming to the Web! In the coming months a series of videos will be streamed from the CanVis website that will help users learn about many of the commands and tools used in CanVis.

Virtual CanVis Workshops

Free virtual how-to workshops are offered every month, requiring only phone and Internet access. Step-by-step instructions and live online assistance make learning the software fun and easy. Space is limited, so please register at least two weeks in advance.

Visit www.csc.noaa.gov/digitalcoast/tools/canvis/training.html for more information.

Upcoming Virtual Workshops (Eastern time zone):

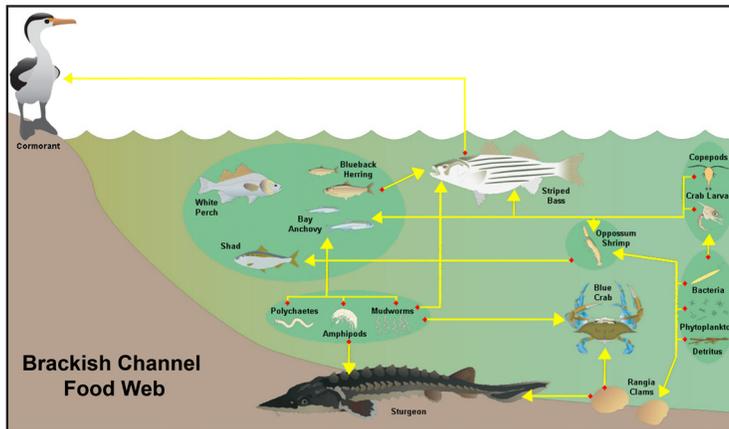
June 23 (1 to 4 p.m.)
July 21 (1 to 4 p.m.)
August 18 (1 to 4 p.m.)
September 22 (1 to 4 p.m.)

Upcoming CanVis Presentations:

Association of State Floodplain Managers
(ASFPM) National Conference
May 16-21, 2010
Oklahoma City, Oklahoma

International Conference of
The Coastal Society (TCS)
June 13-16, 2010
Wilmington, North Carolina

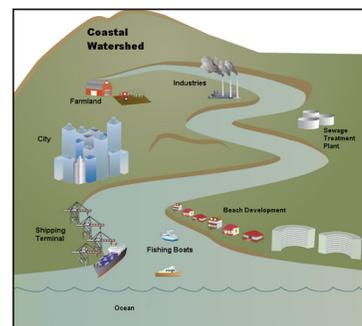
This quarterly news from the National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center provides updates and information about CanVis, an easy-to-use visualization software for coastal professionals. CanVis was created by the U.S. Department of Agriculture's National Agroforestry Center and adapted by the Center for coastal management applications.



Updates

IAN Symbol Library

The University of Maryland's Integration and Application Network (IAN) has created a library of over 2,000 symbols designed specifically for scientific conceptual diagrams. The NOAA Coastal Services Center has converted all of these symbols into a format that can be used in CanVis, and they are now available for download at www.csc.noaa.gov/digitalcoast/tools/canvis/download.html. Users can save time by creating graphics and illustrations from 53 categories ranging from fish to land development and infrastructure.



Tips and Tricks

Make a mistake? Use the **undo** tool (edit > undo) to go back to the last command completed. Be careful, though, because this tool will only "undo" the last 8 commands.

Turn on the **auto-save** function to ensure that your visualization, and all of your hard work, will not be lost. To do this, click File > Program Defaults and enter a number in the blank next to Auto Save Minutes. Whatever value you enter will be the number of minutes before CanVis will auto-save your work. Be sure that you click OK after entering a save time, and then resume work on your visualization. Better safe than sorry!



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

Your Projects

Streetscape Master Plan in North Myrtle Beach



“We brought CanVis into the department because it is a free tool that the entire staff can use independently, as opposed to a single seat license for other popular photo manipulation software. The City of North Myrtle Beach has a coastal geography bounded by the Atlantic Ocean and the Intracoastal Waterway; the use of CanVis will allow us to explore alternative design solutions to both proposed and future planning projects. The images were a part of a larger Main Street Streetscape Enhancement Program that was presented by the staff to the city council.”

Text and images courtesy of Sean Hoelscher, City of North Myrtle Beach, South Carolina, Department of Planning and Development.

Crinum Island Restoration in Palm Beach County



“Crinum is a 14 acre island located within the urban setting of Lake Osborne, Palm Beach County. Historically, part of a basin marsh system, the island has been impacted by hydrological alterations such as canal and lake excavations, construction of perimeter roads/buildings and exotic plant invasions.

“Palm Beach County Department of Environmental Resources Management is in the early stages of design and permitting of the Crinum Island Restoration Project. CanVis will be a valuable tool as the project design is presented to surrounding homeowners. CanVis tools will be utilized to provide a project vision to garner public understanding and support. CanVis will allow the County to demonstrate and offer different options for trails and public use facilities on the 14 acre parcel.”

Text and images courtesy of Julie O. Bishop, Palm Beach County, Florida, Department of Environmental Resources Management.

CanVis in the News

“Using CanVis to Illustrate Coastal Change”

In the January 2010 issue of the U.S. Army Corps of Engineers' *Planning Ahead* newsletter, the featured article highlighted CanVis and the applications the software has for various coastal issues. The article explains the importance of visualizations and the role they can play when conveying the impacts of change and coastal development. In addition to illustrating the user-friendliness of the software, the article also shows two examples of CanVis illustrating the potential impacts of dock extensions in Seattle, Washington, and sea level rise in Charleston, South Carolina.

The full text of the article can be found online at the U.S. Army Corps of Engineers' website.

www.usace.army.mil/CECW/PlanningCOP/Documents/pa_newsletter/v13i1.pdf

“Free Visualization Software”

CanVis was highlighted in the spring 2010 issue of the Land Trust Alliance's *Saving Land* magazine. The software was acknowledged in the “Resources and Tools” section as a free and easy-to-use tool to illustrate future land-use changes and to help with conservation planning efforts.

The full text of the article can be found online at the Land Trust Alliance's website.

www.landtrustalliance.org/about-us/who-we-are/saving-land/spring-2010/spring-2010

“Planning for Climate Change Adaptation”

This article published on NOAA's Climate Services website lists CanVis as one of the resources available at the NOAA Coastal Services Center's Coastal Climate Adaptation site. Again, CanVis is highlighted as a free and easy-to-use software and is specifically recommended as a tool to help coastal professionals generate visualizations that show the potential impacts of sea level rise on their communities.

The full text of the article can be found online on NOAA's Climate Services website.

www.climatewatch.noaa.gov/2010/articles/planning-for-climate-change-adaptation-along-coasts

“Tool Duo Helps Coastal Partners Tackle Flood-Related Risks”

The spring 2010 issue of the *TCS Bulletin* features an article about communities using the Coastal Inundation Toolkit to address flood vulnerabilities. Within the article, Allison Hardin, a planner for the City of Myrtle Beach, South Carolina, and a co-chair of the Coastal Issues Committee for the Association of State Floodplain Managers, gives a real-life example of how CanVis can be utilized as part of the “tool duo” to illustrate options to development in a local floodplain.

The full text of the article can be found online on the *TCS Bulletin* website.

www.thecoastalsociety.org/E_Bulletin/Spring2010/Spring2010bulletin.html

Contribute

Help us support you! We would love to hear about projects you have worked on, objects you have created, or anything else you would like to share. We would also like feedback on CanVis News. Please contact us at nos.csc.canvis@noaa.gov with any success stories, technical assistance needs, or other general questions. Thank you for your interest in CanVis and for helping to make it such a success.