

CanVis News

New Features

CanVis training is now certified by the American Planning Association (APA). Starting in 2011, participants in the CanVis virtual workshop can receive 3.0 Certification Maintenance credits (CMs) from the American Institute of Certified Planners.

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. All CanVis trainings are free of charge. For more information, visit www.csc.noaa.gov/digitalcoast/tools/canvis/training.html.

Upcoming Virtual Workshops (Eastern time zone):

January 19 (1 to 4 p.m.)
February 16 (1 to 4 p.m.)
March 16 (1 to 4 p.m.)
April 20 (1 to 4 p.m.)

Upcoming CanVis Presentations

Coastal GeoTools 2011
March 21 to 24, 2011
Myrtle Beach, South Carolina

APA National Planning Conference
April 9 to 12, 2011
Boston, Massachusetts

Coastal Zone 11 Conference
July 17 to 21, 2011
Chicago, Illinois

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

CanVis 3.0

A new version of CanVis has been released! CanVis 3.0 is compatible with the Windows 7 operating system and eliminates the biggest user and technical-support issue—the need for administrative rights to run the software. In addition to improving usability, the new version contains an icon linking users to the CanVis website and NOAA's Digital Coast website. The updates ensure that CanVis will remain a viable option for coastal managers, planners, and other professionals in need of an easy and inexpensive resource for creating visualizations.

Tips and Tricks

Wish you had paid more attention during the virtual workshop? Know what you want the software to do, but don't know how to make it happen? Version 3.0 contains a user's guide in the **help** section of the software that links directly to a new website containing 41 training videos. The addition of the training video website gives users a way to educate themselves on the software without sacrificing time or resources. The training videos, which are arranged by software icons and related tools and topics, can be found at the following link: www.csc.noaa.gov/digitalcoast/tools/canvis/tools.html.



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

Your Projects

Wetland Restoration Project in Hillsborough County



“The Bahia Beach Restoration project is a cooperative effort and is located in southern Hillsborough County, Florida, on county-owned land. Sixty-four of the one hundred and twenty acres to be restored will involve heavy equipment to re-work the land to return it to saltwater and freshwater wetlands. This type of work requires notification to the adjacent property owners during the permit process. We decided to use CanVis as a way to illustrate to the homeowners what the property might look like post-construction. CanVis provided a means to circumvent negative response from owners who might be overwhelmed by the typical notice, (which includes engineering plans and regulatory language) and who do not fully comprehend the benefit of the finished project. CanVis offered an opportunity to clearly and quickly relate to the homeowners what the end product would look like and thus, we received no negative responses to this permit notification.”

Text and images courtesy of Laura Thorne, Environmental Protection Commission of Hillsborough County, Florida.

Stormwater Management Retrofits in Rivanna River Basin



“The Center for Watershed Protection surveyed several public properties in Virginia’s Greene County and Fluvanna County, looking for opportunities to capture and filter stormwater runoff from existing hard surfaces such as parking lots, roofs, and travelways. Putting in stormwater management practices such as bioretention cells, vegetated swales, and even trees as “retrofits,” can help reduce the amount of polluted runoff that flows into the Rivanna River.

Once we picked out several potential retrofit concepts on these properties, the county staff members that we worked with on this project wanted to know what such practices might look like within the landscape. The CanVis software was an easy and effective tool to “show” them what these stormwater features could look like. Although the actual designs and plant selections for these practices will not

be exactly like what we showed in the CanVis visualizations, these images help county staff members envision the footprints of the stormwater features as well as the possibilities for applying them as colorful landscaping amenities. ”

Text and images courtesy of Laurel Woodworth, Center for Watershed Protection.

CanVis in the News

Ecosystem Based Management Tools Presentation

CanVis was recently presented to the Ecosystem-based Management (EBM) Tools network on December 14, 2010. The webinar was attended by nearly one hundred coastal resource professionals from across the globe. A recording of this presentation can be viewed and downloaded from the EBM Tools website at: www.ebmtools.org/canvis-webinar.html.

Photo Resource for CanVis Users: The San Francisco Bay King Tide Photo Initiative

Seasonal high tides that are expected to occur in the San Francisco Bay Area and outer coast January 19 to 20 and February 16 to 18 will provide a preview of what residents might experience regularly in the future as a result of rising sea levels. To preview this scenario, the public is invited during an extreme high-tide event to submit photographs of areas that are known to flood and erode or areas where the high water levels can be gauged against sea walls, jetties, bridge supports, dikes, buildings, or other Bay Area coastal infrastructure. Photo submissions of these “King Tides” along beaches, roads, parks, and estuaries will be posted to a Flickr site maintained by the San Francisco Bay National Estuarine Research Reserve. Similar Flickr sites will be set up by groups in Oregon, Washington, and Canada’s British Columbia. The sites can be found by searching for groups on Flickr using the keywords, “King Tide” or “Extreme Tide.” These Flickr sites will provide an opportunity for users to contribute their own photographs, which will also become an excellent source of base images for creating sea level rise scenarios on the West Coast.

For more information contact Jason.Hassrick@noaa.gov.

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.