

AnyChart™

Data Visualization Solutions



The National Estuarine Research Reserve System's Centralized Data Management Office Chooses AnyChart to Visualize Water Quality and Weather Data

The National Estuarine Research Reserve System
www.nerrs.noaa.gov
cdmo.baruch.sc.edu
Silver Spring, USA

Industry: Science

“The online docs are great, and whenever I have come across an issue that I couldn't find the solution to, I have received great customer service with XML examples, usually within 24 hours of the request.”

“We have been very pleased with the customer service and intend to use AnyChart in future applications.”

— Brooks Folk,
Web Developer, NOAA NERRS
Centralized Data Management
Office

The National Estuarine Research Reserve System (NERRS) is a partnership program between the U.S. National Oceanic and Atmospheric Administration (NOAA) and the coastal states, established in 1972. It encompasses a network of 28 areas representing different biogeographic regions of the United States that are protected for research, education, and stewardship. Quantitative measurements within the program concern both short-term variability and long-term changes in the water quality and weather of estuarine ecosystems. The NERRS Centralized Data Management Office is charged with managing and disseminating these data.

Challenge:

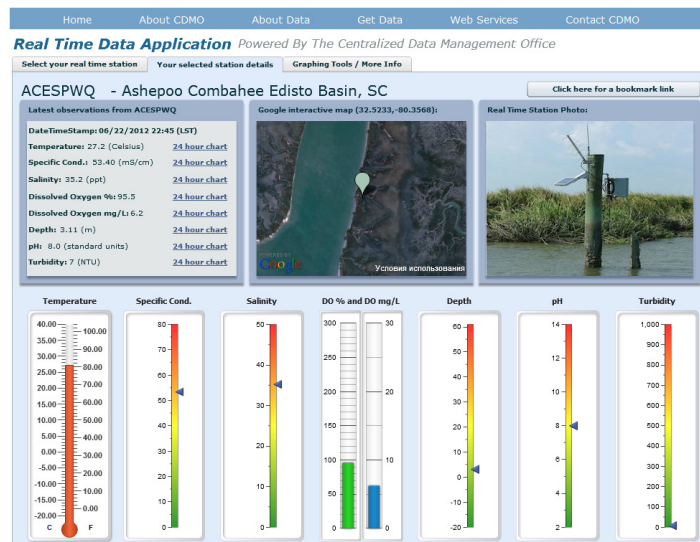
- To provide graphs of near real-time water quality and weather data that is transmitted hourly from National Estuarine Research Reserves across the United States.
- To allow users, which vary from local fishermen to research scientists, a quick and clean way to view data from one or multiple parameters (such as air temperature, wind direction, salinity, etc.) for the past 24 hours.

Solution:

- AnyChart's charting technology was chosen as a solution. Data from an SQL database is converted to the XML format by ColdFusion and passed to the Flex version of AnyChart component, which is an easy and quick way to update the graphs.
- AnyChart's ample opportunities for customization were used to create comprehensible and clear interactive visualizations.

“I think AnyChart is a great product for data visualization. Our audience has enjoyed the sleek, intuitive interface that makes it easy to read and understand the visualization.”

— Brooks Folk, Web Developer, NOAA NERRS Centralized Data Management Office



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