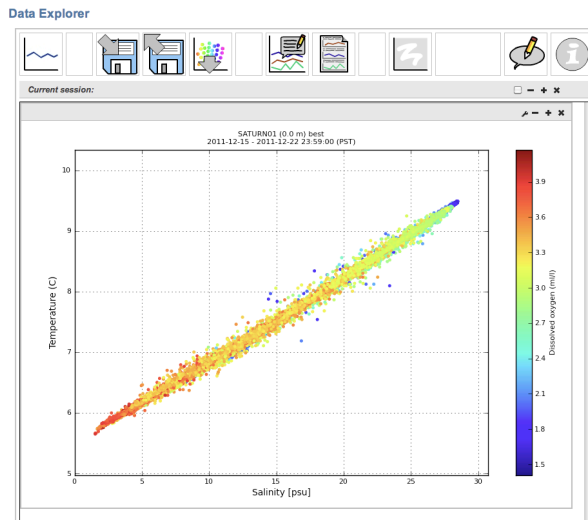




CMOP
Center for Coastal
Margin Observation
& Prediction

Explore Environmental Processes in the Columbia River Estuary Using Real-Time Ecosystem Data



This is an example of a *Data Explorer* plot comparing a week's worth of salinity, temperature and dissolved oxygen data at the SATURN-01 station.

visualize, explore, and understand river and ocean data.

Many important physical and biochemical processes in the Columbia River estuary are clearly represented in the data SATURN collects. *Data Explorer* can help you explore these processes and generate scientific figures that clearly demonstrate these phenomena. CMOP's educators have developed a tutorial explaining how to use the *Data Explorer*, detailing a few of the important processes driving environmental variables in the Columbia River estuary. You can use *Data Explorer* to test hypotheses, illustrate correlations between environmental variables, help students understand their environment, or even carry out a full research project for a science fair. *Data Explorer* gives you the tools you need for conducting your own original scientific research!

Try it out today at...

<http://www.stccmop.org/education/k12/dataexploration>

Sifting through the immense amount of data from coastal margin observatories, like [SATURN](#), can be a daunting task. The quantity of data collected by these networks makes it challenging to harness this information for research, education, or public awareness programs.

To address this issue, researchers and educators at the [Center for Coastal Margin Observation & Prediction \(CMOP\)](#) have created the *Data Explorer*, a unique web application that makes it easy to