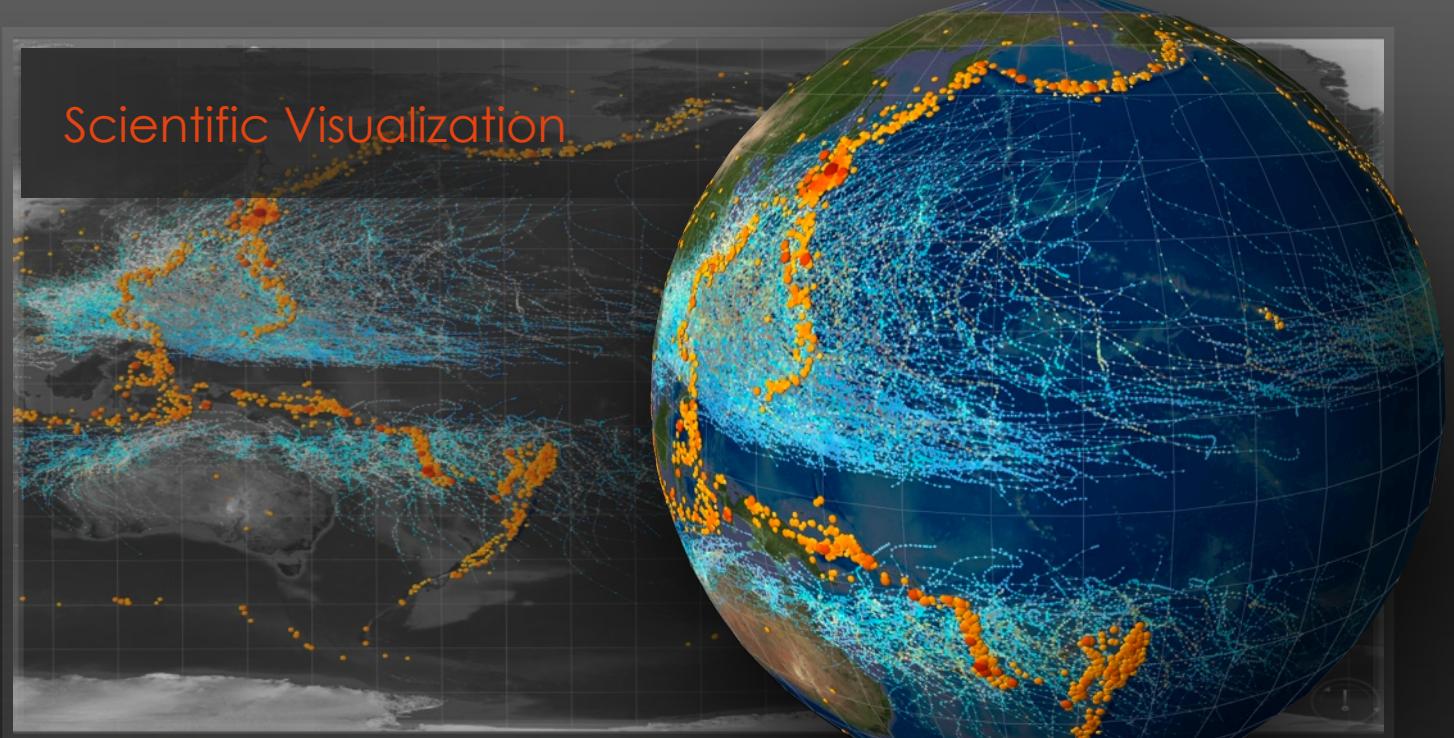
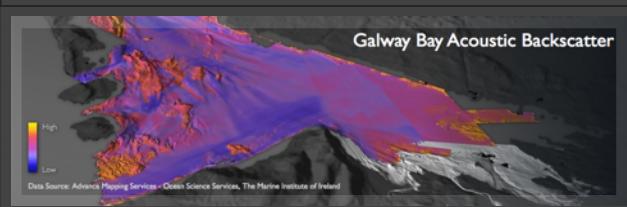
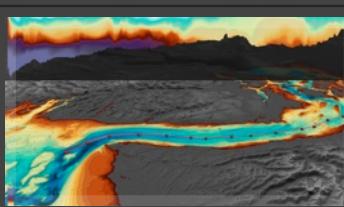
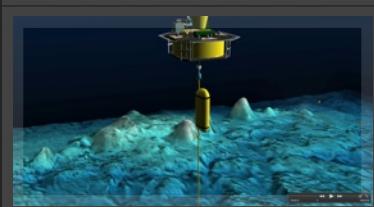
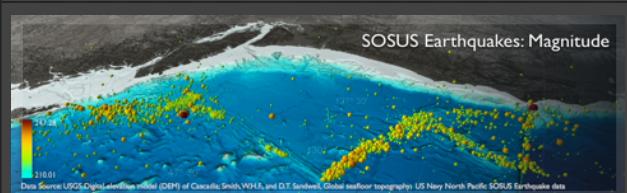
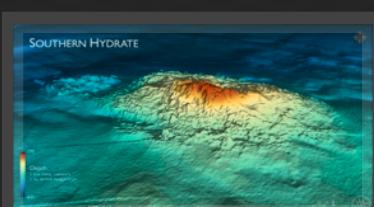
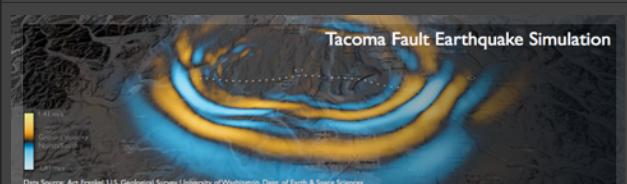
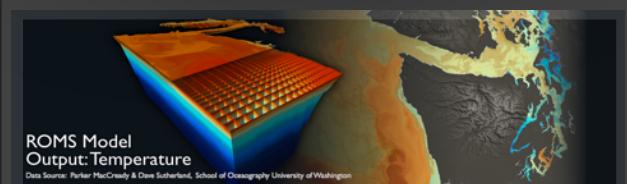
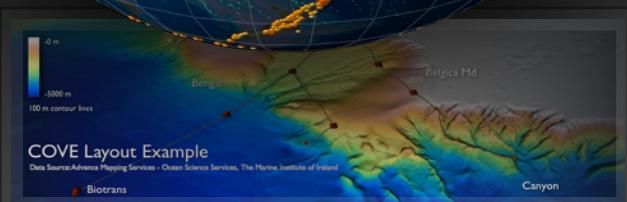


Center for Environmental Visualization



CEV **scientific visualization** efforts facilitate scientific inquiry and outreach within and outside of the University of Washington. CEV works closely with scientists and faculty, creating visualization products which promote a greater understanding of ocean and geo-physical science. CEV also partners with the UW College of Computer Science and Engineering, developing interactive visualization tools for Ocean Science.



Scientific Illustration

OCEAN ACIDIFICATION

HOW WILL CHANGES IN OCEAN CHEMISTRY AFFECT MARINE LIFE?

$\text{CO}_2 + \text{H}_2\text{O} + \text{CO}_3^{2-} \rightarrow 2 \text{HCO}_3^-$

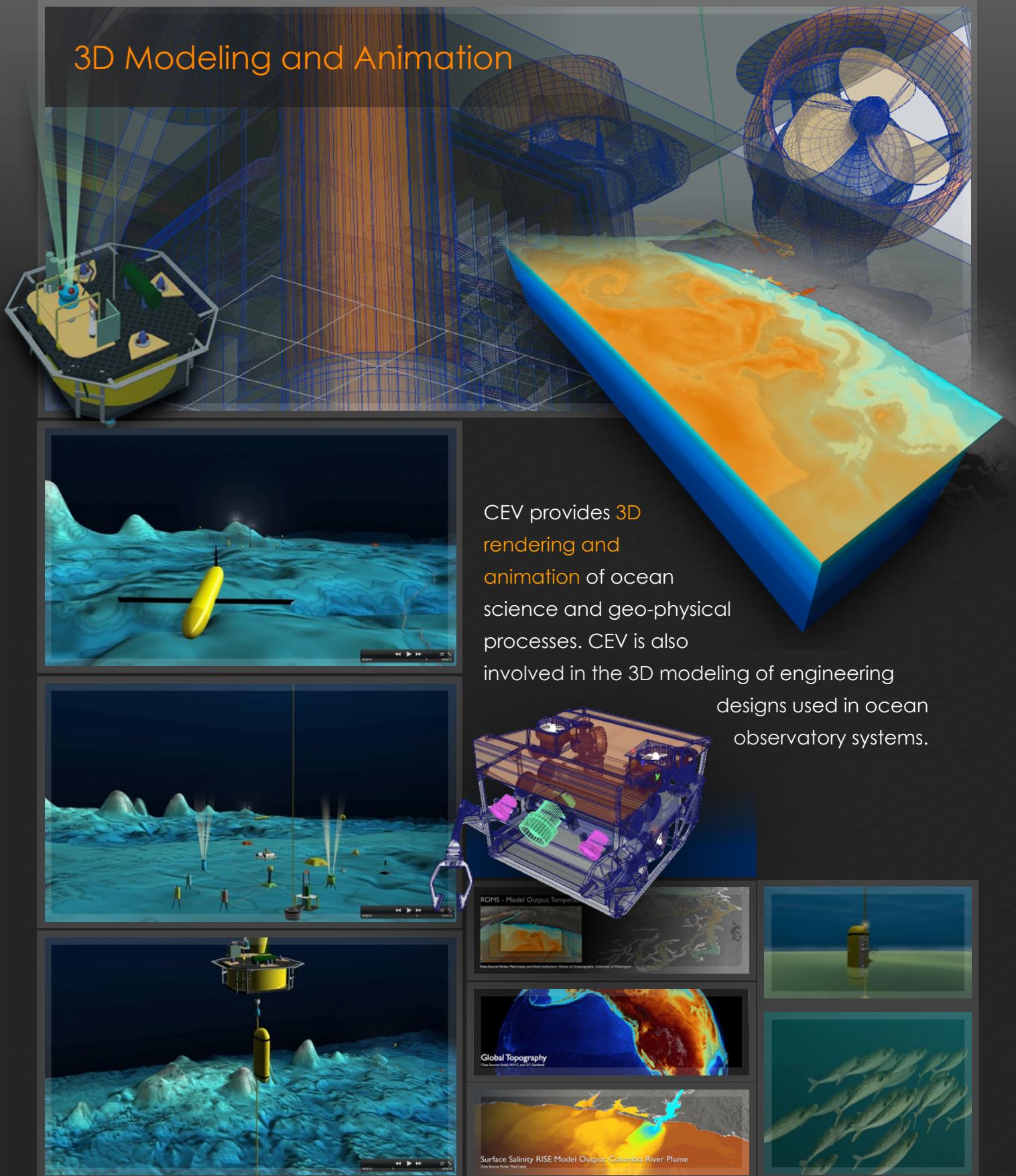
consumption of carbonate ions impedes calcification

CO_2 absorbed from the atmosphere

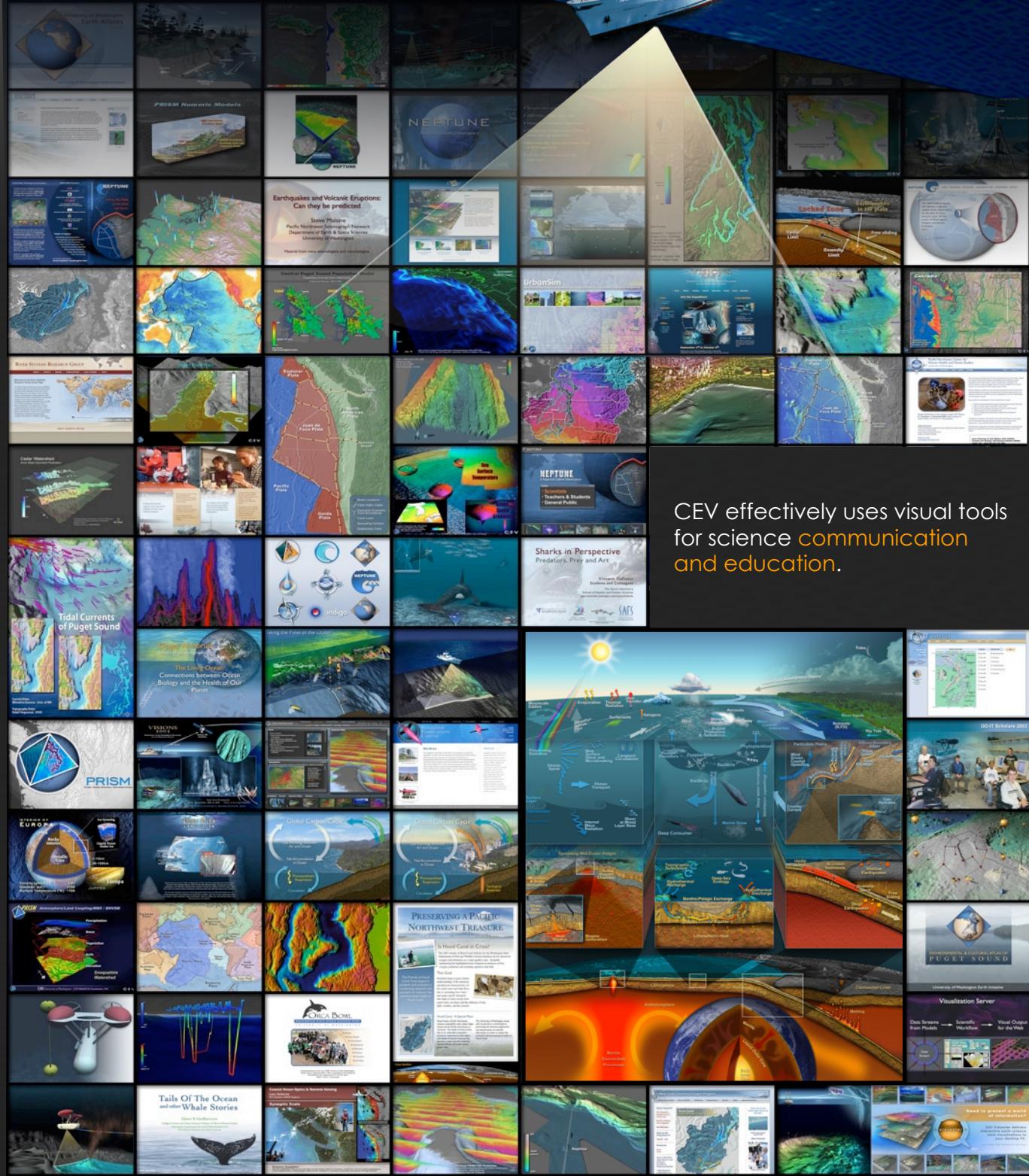
Understanding critically important coastal oceanographic processes

CEV provides illustration services for numerous science efforts. From diagrams showing the latest ocean observing efforts to graphics for river systems projects, CEV expertly combines scientific and geographic data with artistic renditions of complex earth and ocean processes.

3D Modeling and Animation



Presentation & Information Delivery



CEV effectively uses visual tools for science **communication** and education.

Web Development



CEV uses some of the latest open source web technologies to deliver dynamic web applications that are agile, scalable and easy to administer. We customize our database-driven content management system for every client and specialize in combining visualized data with 3D web mapping techniques.

PML CARBON PROGRAM

HYDROGRAPHIC CRUISES
DOCUMENTING CARBON DISTRIBUTIONS IN THE OCEAN INTERIOR

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- PMEL is working with LRI inc. to integrate a MAPCO2
- Going Green: Lethal waters ...
- Wednesday, December 01, 2010
- An article on the potential impacts of GA on the ocean liner industry

NEWS

- OCEAN ACIDIFICATION
- MAP & DATA VIEWER

Mission

Around the Americas

Expeditions

The Lost City Hydrothermal Field

INTERACTIVE OCEANS

EDUCATION

MIKE HORN PANGAEA

EXPLORE

ARALDIF

DRAINAGE BASIN

VISIONS'11

PARTICIPATE ON A MAJOR RESEARCH CRUISE IN PREPARATION FOR THE INSTALLATION OF THE REGIONAL SCALE NODES UNDERWATER CABLED OBSERVATORY AS PART OF THE NATIONAL SCIENCE FOUNDATION'S OCEAN OBSERVATORIES INITIATIVE.

DAILY LOGS **LATEST VIDEO** **OCEAN OBSERVATORIES INITIATIVE REGIONAL CABLED COMPONENT** **ENTER** **INTERACTIVE OCEANS** **ENTER**