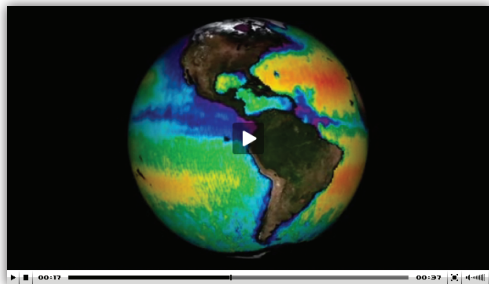




# Aquarius/SAC-D

EDUCATION AND OUTREACH RESOURCES

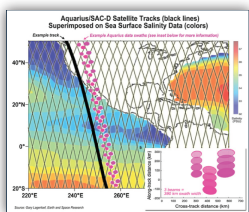
## Watch



### Educational Videos & Visualizations:

View videos that showcase Aquarius data, the science behind studying the salinity of the ocean, and how Aquarius is able to measure salinity across the globe, as well as animations describing ocean circulation, the water cycle and climate processes as they relate to ocean salinity. Great for the classroom!

<http://aquarius.nasa.gov/gallery-animations.html>



### Webinars: Scientists Discuss How Aquarius Studies our Salty Seas

View Aquarius webinars featuring NASA scientists and a wealth of educational resources.

<http://aquarius.nasa.gov/education-webinars.html>



### NASA Scientist Interviews and Launch Status Updates

Check in on the excitement leading up to the launch of the SAC-D satellite.

<http://aquarius.nasa.gov/gallery-interviews.html>

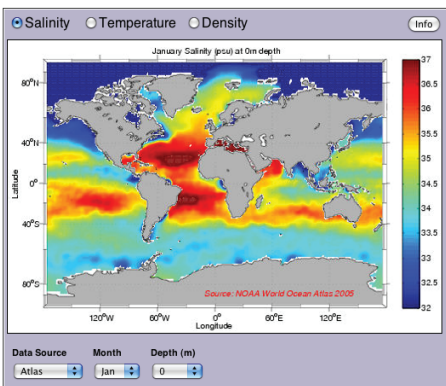
## Teach



### "Hands On" Activities

Download tested lesson plans that help students learn the fundamental concepts of salinity, density, circulation and climate.

<http://aquarius.nasa.gov/education-classroom.html>  
[http://www.tos.org/hands-on/teaching\\_phys.html](http://www.tos.org/hands-on/teaching_phys.html)



### Interactive Data Tools

Explore World Ocean Atlas salinity, temperature and density data in Google Earth and flat map interfaces.

[http://aquarius.nasa.gov/education-datatool\\_jpl.html](http://aquarius.nasa.gov/education-datatool_jpl.html)



### Aquarius/SAC-D Lithograph, Mission Poster, Brochure and more!

Learn mission details, history and the science behind the satellite.

<http://aquarius.nasa.gov/education-resources.html>

## Interact



### Salinity?

#### There's an app for that!

View news, images, and animations from Aquarius and hold the mission in the palm of your hand.

<http://aquarius.nasa.gov/iphone.html>

### Go With The Flow (Online Game)

Test your knowledge of salinity and density with this challenge-based game. Steer your sub to sunken treasure using tools to change the currents using salt and heat.



<http://spaceplace.nasa.gov/ocean-currents>

### More resources online at

<http://aquarius.nasa.gov>

Have a smartphone? Scan the code to the right to go straight to Aquarius resources



# CLIMB: Online Concept Mapping Tool

The Center for Ocean Sciences Education Excellence (COSEE) Ocean Systems has developed a free online suite of tools known as the "Concept Linked Integrated Media Builder" or "CLIMB" to help scientists, educators and students deconstruct and present science content using concept maps. Instructions to connect to this web-based resource are below.

## To log in to CLIMB:

- Go to <http://cosee.umaine.edu/climb>
  - If you do not yet have an account
    - click 'Sign Up!' on the top right of the homepage
  - If you have an account :
    - Click on "Log In" on the top right of the homepage.

Username:	<input type="text"/>
Password:	<input type="password"/>

Once you have logged in, click on "My Maps" to access a list of concept maps within the profile.

STATUS	TITLE/INFO (click map title to view map detail page)	AUTHOR	MOD. DATE	ACTIONS
<input type="checkbox"/>	Example Map Map ID: 5818	Curriculum Development Workshop	7/14/2011	

To create a new map, click on "Create New Map"

To edit the concept map, click on the edit button

To save your changes, click "Save Map"

You can edit the title and description of the map.

To overwrite the current map, select "replace existing."

To create a new version of this map, select "save as new"

**SAVE CONCEPT MAP**

TITLE: Ocean salinity map

Short Description for Menu Rollover:  
Description of my salinity map. Created by Carla Compainon.

SAVE TYPE:  
 Save As New  Replace Existing

CANCEL SAVE MAP

*Did you know?*

**You can browse maps made by other scientists and participants by clicking on "Public Maps" in the top navigation.**