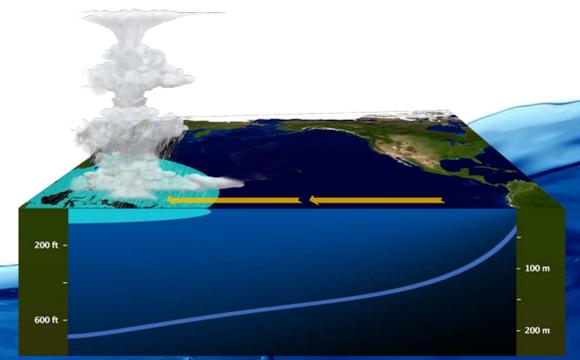


What's New on the "NASA Salinity" Website

salinity.oceansciences.org

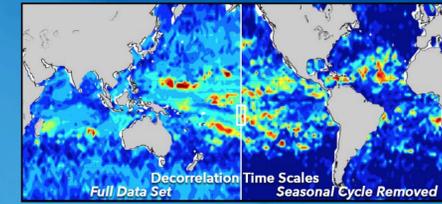
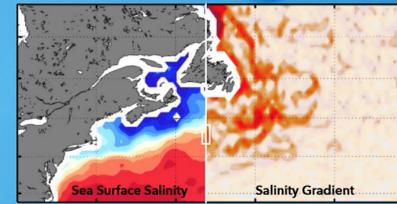
Annette deCharon | ODYSEA LLC | avdecharon@gmail.com



A lot is happening on the "NASA Salinity" website. Here are some of the latest updates targeted at two groups: **Researchers & General Audiences.**

New Highlights

- High Latitudes
- Oscillations & Dipoles
- Salinity Fronts
- Seasons of Salinity
- Water Cycle, Ocean Change & Climate



Each "Highlight" has customized graphics, summaries of three featured publications, links to all relevant publications in the "NASA Salinity" database, images, videos along with interactive elements such as left/right sliders, e-brochures, and StoryMaps.

Salinity and Stratification at the Sea Ice Edge (SASSIE)

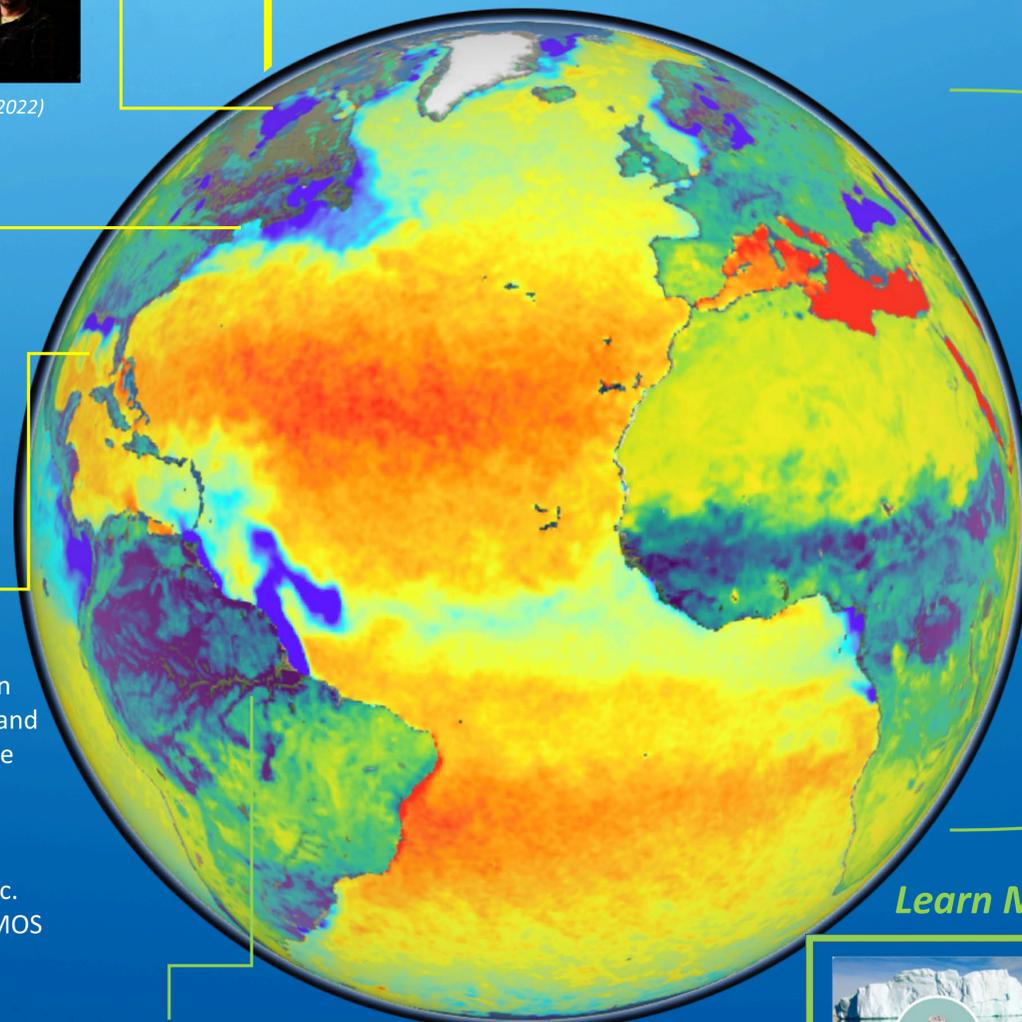
Beaufort Sea campaign in fall 2022 will test the hypothesis that sea surface salinity anomalies generated by summer sea ice melt are an important predictor for autumn ice advance.



Cruise planning meeting at University of Washington (May 2022)

Research 1-Pagers

Our collection of one-page overviews of research papers continues to grow. Feel free to email me if you would like to submit one. Am happy to work with you to improve and finalize it!



StoryMaps

Learn More

Which Salinity Data are Best for You?



	SMOS	Aquarius	SMAP
Agency	European Space Agency	NASA	NASA
Antenna type	Microwave Imaging Radiometer using Aperture Synthesis (MIRAS)	Stationary; 3 beams; 100% reflective	Spinning; 99% reflective (1% emissive)
Global coverage / Repeat orbit	~4 days / 18 days (sub-cycle)	7 days / 7 days (exact)	3 days / 8 days (exact)
Spatial resolution	~50 km	~150 km	~40 km native

Chock full of information about satellite salinity data processing, this section is targeted at new and veteran users alike. One key focus is outlining the similarities and differences between SMAP data processing by Remote Sensing Systems (RSS) and NASA Jet Propulsion Laboratory (JPL). This section makes extensive use of tables that directly compare RSS and JPL products, ancillary data sources, land correction approaches, etc. Also, two publications – which compare SMAP and SMOS results in the Gulf of Mexico and Arctic Ocean – are highlighted along with Q&A with their lead authors.

How Salty (or Fresh) Are You?

Are you "ready for anything" like tilapia? Or need things to be "just so" like a goldfish? Taken over 2,300 times thus far, this quiz not only uncovers species' tolerances to salinity and temperature, it shares fun facts about them.

Did you know that tilapia are portrayed in ancient Egyptian hieroglyphs? That goldfish were once a common first wedding anniversary gift? Take the quiz yourself to discover more!



"Learn More" has been updated and expanded, providing better access to thematic resources. These include hands-on activities, online activities, images, movies, FAQs, and articles.