



From time to time really exciting things happen at CPAESS and we will be sending you news splashes to keep you up to date!

Hello Everyone,

I just wanted to touch base with everyone as our work from home continues. All of our lives have changed dramatically to adjust to the pandemic. Even when things are okay, they can still be stressful. This [article about the stress of virtual meetings](#) resonated with me. I think many of you will be able to relate to it as well. Remember [UCAR has resources](#) should you wish to utilize them to help cope with feelings of isolation, anxiety, or just the general unusualness of this whole time.

In spite of these difficult times you have all been doing some fabulous work. We have had over 20 articles listed in [OpenSky](#) that you have published recently - with a new one coming in from [Ibrahima Diouf](#) of the NOAA National Weather Service Climate Prediction Center African Desk just today. We [list all of your publications](#) on our website here. If you have published and not submitted to [OpenSky](#) please do so. Here are a few highlights of your published research:

- Ali Abdolali of NOAA NCEP published in [Nature](#) in November 2019 with an article called *Effect of Water Compressibility, Sea-floor Elasticity, and Field Gravitational Potential on Tsunami Phase Speed*.
- Emily Osborne of NOAA CPO in [Nature Geoscience](#) in December of 2019 with an article called *Decadal variability in twentieth-century ocean acidification in the California Current Ecosystem*
- Also from our US CLIVAR Program - The US CLIVAR's Large Ensemble Working Group published a perspective article in [Nature Climate Change](#) in March of 2020 with the article *Insights from Earth system model initial-condition large ensembles and future prospects*



Springtime in the Foothills of Boulder

Also, several of you have let us know that you have been in the news. We are delighted at the attention your research has been garnering. Here are some highlights:

NOAA is beginning to highlight some of our NOAA Climate and Global Change fellows and alumni on [climate.gov](#):

- [Katherine Allen](#) is a NOAA C&GC Alumna and a Paleo-Climate Oceanographer. Kat studies oceans and climate, past and present. She investigates past ocean conditions to understand how the ocean-climate system works on timescales that extend beyond historical records. To establish quantitative records, she often analyzes the chemical composition of marine shells that have accumulated on the seafloor for thousands of years. She is currently an assistant professor at the University of Maine.
- [Danielle Claar](#) is a NOAA C&GC Alumna, and a Climate Marine Scientist. Her fellowship research focuses on coral reef parasites as indicators of environmental change. Specifically, she is investigating how oceanographic drivers during the 2015/2016 El Niño influenced fish parasites.
- [Leander Anderegg](#) is a NOAA C&GC Alumnus and a Climate Tree Physiologist who studies the geographic range shifts of trees due to climate change, focusing on the drought-related die-offs of the blue oak in California. In 2021, Anderegg will be an assistant professor of University of California, Santa Barbara.
- Also [Ariane Arias Ortiz](#), a current NOAA C&GC Fellow, working at the University of California in Berkeley, was featured on California news regarding her work on measuring carbon sequestration rates in marshland soil. Carbon sequestration is one of the ways that greenhouse gases can be captured and reduce the negative effects of climate change.

A couple more of our NOAA scientists have been interviewed as well.

- From our NOAA Climate Program Office, scientist [Emily Osborne](#) led other NOAA scientists and academic partners in first of its kind research using 100 years of microscopic shells. Her work shows that the coastal waters off California are acidifying **twice as fast** as the global ocean average with serious potential implications for the seafood industry. This breakthrough research was featured in the [New York Times](#), [LA Times](#), and [Oregon Live](#).
- CPAESS scientist from the Global Ocean Monitoring and Observation department of the NOAA Climate Program Office Emily Smith was interviewed for the [Storytellers of STEMM Podcast](#). Dr. Emily Smith works on managing long-term oceanography programs, like Argo. In this interview she speaks about those programs, what a program manager actually does, and how she got to where she is today.

If you have been in the news [please let us know!](#) Also if you missed the UCAR Community Programs All-Staff meeting yesterday you can [view a recording of the meeting](#).

I would like to wish everyone a nice weekend, and please know I appreciate all of your hard work.

My sincere thanks,

