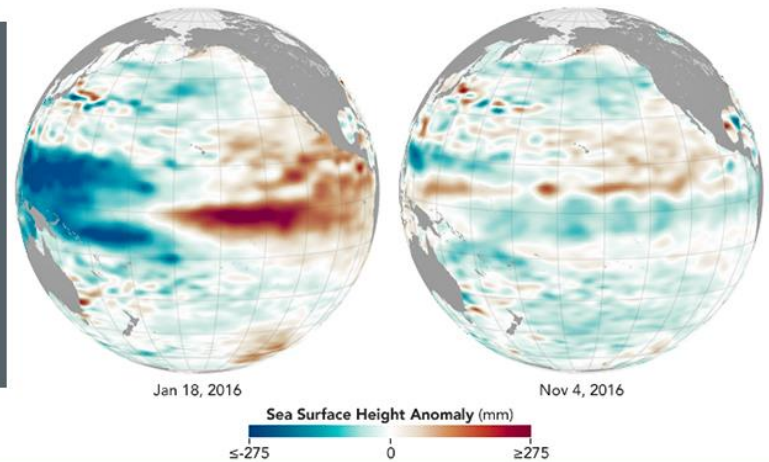


# The ENSO Student Research Campaign

## What's Up with the ENSO so Far?

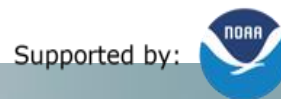
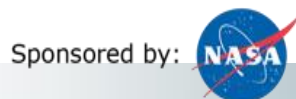
Webinar 6: February 21, 2017

ENSO Status:  
A weak La Niña followed El Niño  
2015-16.  
What's next?



**THE GLOBE PROGRAM**

A Worldwide Science and Education Program



Implemented by:  **UCAR**

Brian Campbell, ENSO Campaign Lead

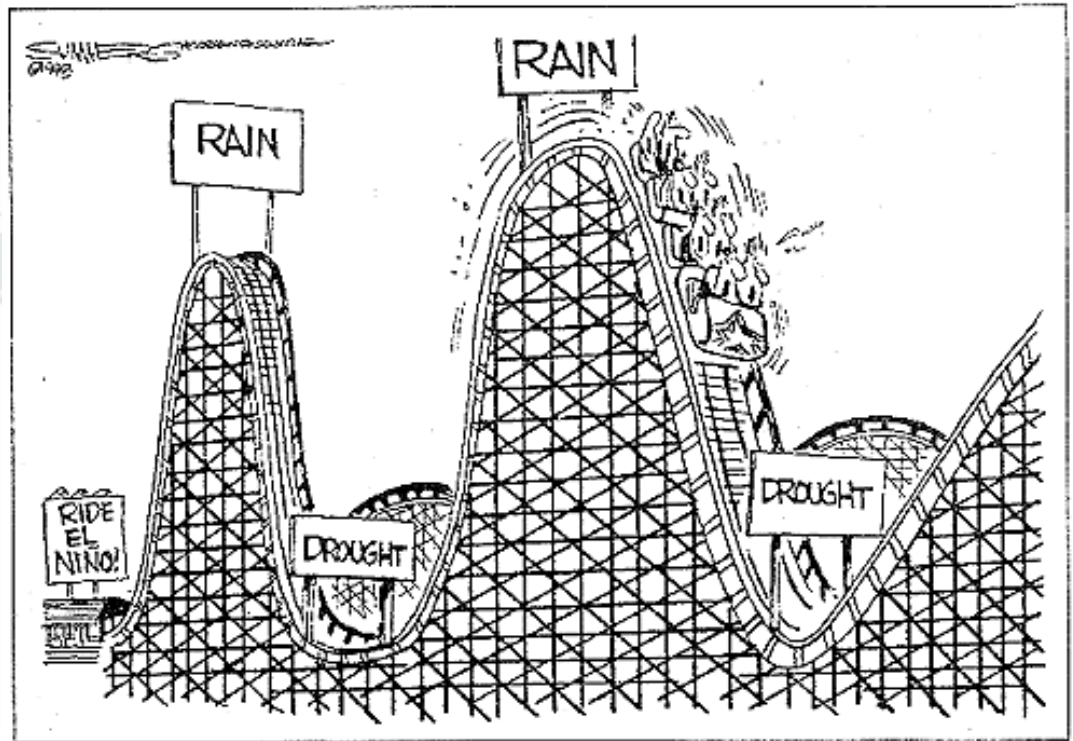
# ENSO-Neutral: Why we need to take measurements now!

We are currently not in an El Niño nor a La Niña, but

this does not mean that it is not important to take data and make sense of it!

This is the perfect time to take measurements during this ENSO-neutral period.

By comparing data taken now to that taken 1 year ago, during the El Niño phenomenon, we can learn so much about how our local to global environments respond.



By Dana Summers, The Orlando (Fla.) Sentinel, Tribune Media Services

# Science Fairs and International Science Symposia

- Students will be encouraged to enter their local, regional science fairs and the 2017 GLOBE Virtual Science Symposium
  - <https://www.globe.gov/news-events/globe-events/virtual-conferences/2017-international-virtual-science-symposium>
- We will be promoting this event as a way for ENSO Student Research Campaign students to take their data to the next level.
- Please let us know where each of you are with your ENSO Student Research Projects.
- Do you plan, if you are in the United States, to participate in a U.S. Regional Student Research Symposia?
  - <https://www.globe.gov/web/united-states-of-america/student-research-symposia>



**ENSO Student Research Campaign Metrics & Data Counts – Updated in advance of each Phase II Webinar**
**Global Data – Data Entry from Around the World**
**Data Collected by Ann Martin, SSAI**
**Phase II Only: September 21, 2016 – February 15, 2017**

Protocol	Precipitation	Air Temperature (Standard/Noons/ Current/Max)	Surface Temperature (Standard/Noons)	Soil Temperature (Standard/Noons/ Dailies)	SMAP Soil Moisture	Biometry Trees & Vegetation Covers	Total
Sites	360	694	150	195	61	30	1490
Observations	20,263	754,977	5,764	97,503	925	92	879,524

**Phase I & Phase II: March 1, 2016 – February 15, 2017**

Protocol	Precipitation	Air Temperature (Standard/Noons/ Current/Max)	Surface Temperature (Standard/Noons)	Soil Temperature (Standard/Noons/ Dailies)	SMAP Soil Moisture	Biometry Trees & Vegetation Covers	Total
Sites	507	1,017	203	272	116	49	2,164
Observations	45,337	1,852,621	9,564	312,348	2,011	156	2,222,037

Notes: The data counts listed above include some observations from automated weather stations, especially for precipitation and temperature protocols.



## Blogs, Numbers, and Such!

- Phase II (since September 21, 2016), 24 news items/blog posts to globe.gov, with a total of 15,815 views on the site.
- The ENSO student research campaign Phase II has been featured in 18 Facebook posts by the GLOBE Program account, and in 21 GLOBE Program tweets, reaching GLOBE's 111k and 2.9k followers, respectively!



Brian Campbell, ENSO Campaign Lead  
Implemented by:  UCAR