



ENSO Phase III Field Measurement Campaign

Dear GLOBE Friends in Near East and Africa countries,

The ENSO Phase III Field Measurement Campaign is focusing on “Water in Our Environment” during the 2017-2018 school year. Each month we have a webinar using Zoom, and we like to spotlight a different region each time.

On February 8th, we would like to shine this spotlight on the wonderful GLOBE scientists, teachers, and students from all 13 GLOBE countries in this region. **We would therefore like to reach out and invite anyone within the GLOBE Program to consider participating in this webinar.** Everyone is invited to participate during the webinar, and we will send the link to you and an invitation once we have our time and our presenters.

During this webinar, we will focus on the following big question: **How is agriculture and vegetation in your region impacted by availability of water?** We would like to have a **government representative** from a few countries report in on this topic. It would be a short presentation- about 5 minutes to give us a general picture of where farmers get their water from and how their water use is impacted by the changes in precipitation during the year and any other topics related to agriculture and/or vegetation. Perhaps a **GLOBE scientist** or two from these countries could tell us about the weather and climate of this region and explain the types of crops, agriculture, and vegetation that grows in various regions as a result. This would also be short presentations!

We would also like to hear from a few **GLOBE teachers** and **students** about how they use GLOBE protocols to collect environmental data to help them better understand the use of water for agriculture and vegetation in this region. For example, we had several wonderful student submissions for the [2017 International Virtual Science Symposium](#) which looked at these topics.

Finally, we would invite anyone from these countries to be part of the collaboration to have a discussion about freshwater availability, uses of freshwater resources, how to teach this content to students and general public, how to increase the sense of stewardship for local and global freshwater resources, and ideas for collaboration with other GLOBE countries around the world. We will conclude with a presentation from Brian Campbell on how to access and use SMAP data (Soil Moisture Active Passive) to see how this NASA satellite measures soil moisture data and show how to compare and contrast it to GLOBE SMAP protocol data.

Please get in touch with Dorian Janney at dorian.w.janney@nasa.gov by January 15th to let her know if you are willing to present during this webinar! You will only need to have a computer or cell phone that has a microphone and speakers- or a headset- to present.

Thank you!

