

ACRE Workshop Presentation  
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Title: *GLOBE and ACRE: Promoting Learning and Research through Effective Data Collaborations between Students, Teachers, and Scientists*

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Abstract:

The GLOBE (Global Learning and Observations to Benefit the Environment) Program and ACRE (Atmospheric Circulation Reconstructions over Earth) are both interested in creating meaningful and effective opportunities for students, teachers, and scientists to collaborate around weather and climate data. This talk will explore how GLOBE's international network of Partners (>250), schools (>23,000), and countries (>100), as well as activities such as GLOBE's upcoming Student Climate Research Campaign (<http://globe.gov/scrc>), can become a focal point for effective ACRE-GLOBE collaborations. Questions to be discussed include: (a) What types of weather and climate data are best suited for student learning and contribution to scientific investigations at local to global scales?, (b) How can ACRE activities help students and teachers to visualize and understand weather and climate data, and (c) How can GLOBE students and teachers help ACRE scientists find and gain access to historic data sets?