



## **Bridging the Gap on Data Access and Learning: A collaboration model that brings together scientists, educators and data and tool specialists**

Mike Taber (1), Tamara Ledley (2), and Ben Domenico (3)

(1) Colorado College, Colorado Springs, Colorado, USA (mike.taber@coloradocollege.edu), (2) TERC, Cambridge, Massachusetts, USA (tamara\_ledley@terc.edu), (3) UNIDATA, Boulder, Colorado, USA (ben@unidata.edu)

The AccessData Project is a United States government funded project (EAR-0623136, EAR-0305058). The Project has developed a model for bridging the scientific and educational communities to develop robust data-based activities. The AccessData model involves working directly with small teams made up of data providers from scientific data archives or scientific research teams, data analysis tool specialists, scientists, curriculum developers, and educators (AccessData, <http://serc.carleton.edu/usingdata/accessdata>). The process involves a number of steps including 1) building of the team around scientific data and questions; 2) pre-workshop facilitation via telecons; 3) face-to-face 2.5 day workshop; 4) post-workshop follow-up; 5) completion and review of an Earth Exploration Toolbook (<http://serc.carleton.edu/eet>) chapter.

The AccessData model has been evolved over a series of six annual workshops hosting ~10 teams each. This model has been expanded to other venues to explore expanding its scope and sustainable mechanisms. These venues include 1) workshops focused on the data collected by a large research program (RIDGE, EarthScope); 2) a workshop focused on developing a citizen scientist guide to conducting research; and 3) facilitating a team on an annual basis within the structure of the Federation of Earth Science Information Partners (ESIP Federation), leveraging their semiannual meetings.

In this presentation we will report on six years of evaluation, including a final workshop on Impacts. We will also describe how this model has been adapted to other contexts to facilitate a broader reach of geoscience data.