



# THE GLOBE PROGRAM

A Worldwide Science and Education Program

## GLOBE In-service for Teachers and Pre-service Students

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February 18, 2017

229 Dixon/Paterson Hall

The GLOBE program is a worldwide hands-on, primary and secondary school-based science and education program. GLOBE's vision promotes and supports students, teachers and scientists to collaborate on inquiry-based investigations of the environment and the Earth system working in close partnership with NASA, NOAA and NSF Earth System Science Projects (ESSP's) in study and research about the dynamics of Earth's environment.

### Hybrid GLOBE Face-to-Face Training Agenda

8:45 Registration

9:00

- Welcome
- Outside Observations and Questions
- GLOBE Student Research Process

10:00

- Watch SAGE Launch, live
- *Microclimates* Activity

11:00

- Calibrating your Thermometer
- Instrument Shelter Set-Up
- Review Air Temperature

11:30 Lunch

12:00

- Review Clouds – Cloud Triangle
- Review Surface Temperature
- Outside Data Collection (Paper Data Sheets, Apps)
- Review and Analyze our Data
- Enter Data on GLOBE site

1:00

- Learning Activity – *Earth System Satellite Images*
- Discuss GLOBE across grade bands
- Wrap – up and Certificates

2:00 Closing