



Workshop Objectives:

Below is a selection of workshop objectives that might be presented to participants at an EarthComm or IES workshop.

- Demonstrate progressive teaching methods, interactive technologies and manipulatives that can be used to pique student interest in Earth Science.
- Facilitate teachers' understanding of inquiry-based science education.
- Expose teachers to a variety of assessment strategies and instruments.
- Demonstrate the basic premises of Earth Systems by emphasizing the connections and relationships between Earth Science and other academic disciplines.
- Demonstrate the expanded learning environment through fieldwork, technological access to data, laboratory and other classroom activities.
- Develop the concept of communities of science learners through group learning, discussions about scientific ideas, building networks of local and national information exchange, and using the services of Earth and space organizations.
- Generate an awareness of environmental and resource issues and problems that may exist in local communities.
- Provide an overview of the content and pedagogy of the EarthComm program.
- Use hands-on experiences to prepare teachers to implement EarthComm.
- Identify and solve practical issues and challenges to implementing EarthComm.