THE FEDERATION OF EARTH SCIENCE INFORMATION PARTNERS CAN MEET YOUR EDUCATION AND OUTREACH NEEDS.

The Federation is a network of scientists, data access experts, and informational and educational product developers. We facilitate partnerships to develop products that make Earth science information useful and accessible to a broad range of audiences.

We offer educational expertise to remote sensing and data groups. We can:

• develop educational products — from a single module to a full course — that bring data and/or tools into classroom use

• create professional development materials and provide workshops to train users of data or tools

• generate informational materials to encourage use of and drive demand for data products

• develop museum science exhibits

• provide strategic counsel to develop comprehensive education and outreach plans

Our Education partners have extensive experience and expertise. Examples of successful initiatives include:

Earth Exploration Toolbook — offers a module template and educational expertise for generating data-rich activities for faculty and students. Through unique telecon-online seminars, we provide training for faculty in the use of data to facilitate student learning.

EOS-WEBSTER and WebCOAST — free gateways to a wide range of Earth science data and educational products. The data has been used by undergraduate college students in several Earth and Natural Sciences courses. Materials and K-12 implementations are separately focused from a Teacher Resources link.

Earth Update! and Space Update! — represent successful partnerships of data providers, tool builders and educators. The CD-ROM products of these partnerships bring a museum-quality data exploration experience into homes and schools. The project is seeking new data sources to keep these products on the leading edge of science.
Measuring Vegetation Health: Using Plants as Green Canaries — designed for museums, this hands-on exhibit brings the science, technology and engineering of measuring light to the challenge of monitoring our environment from satellites.

To find data products, educational products, and services, visit us at www.esipfed.org

ABOUT US

The Federation of Earth Science Information Partners is a network of Earth science researchers and product development groups. Federation partners generate, analyze, disseminate and apply Earth observation information. We are dedicated to bringing the most up-to-date, science-based information to a broad range of audiences to enable them to understand and address the environmental, economic and social challenges facing our planet.