

## Proposed ESIP Information Technology and Interoperability Committee Outreach Package Development Project

In order to have a base set of materials that the Federation may use in performing interoperability standards outreach to partner and external organizations and groups it is proposed that the Federation Information Technology and Interoperability Committee fund a small project focussed on the development of an outreach package as part of its FY10 work. This package would include the following materials:

- Presentation materials (in MS Powerpoint or as a PDF slide presentation format, with and without presenter's notes) that
  - provide an overview of key Earth Science interoperability standards
    - OGC: WxS, CSW, SOS
    - OpenDAP
    - Semantic Technologies
    - Metadata: FGDC, ISO 19115 and related standards
  - case studies that illustrate the benefits of using interoperability standards
  - information about computing platforms that may be used to implement and use standards-based Earth Science products
- An associated resource packet that includes online resource information for
  - Available Earth Science services
  - Standards
  - Case study subjects
  - Software vendors providing applications that implement the presented standards.

This project would assist the Federation in Meeting Strategic Goals 1 & 2 through the facilitation of communication of the benefits of and information about interoperability standards to the broader community of Earth Science data producers and consumers. The successful expansion in the use of Earth Science interoperability standards would benefit the entire community of Earth Science data and information users through the reduction in the barriers to the use and distribution of Earth Science products.

Proposed Cost: \$5000

### Proposed Budget Justification

The proposed cost is based upon the approximate labor that it was estimated that would be required to produce the presentation and related materials. This project is proposed to be announced to the Federation membership as a whole, any member organization of which may provide a proposal for the production of the required materials which would be deliverable as a fixed cost product.