

Federation of Earth Science Information Partners Partnership Application

Please complete all sections to the fullest extent possible and forward completed application to: Carol Meyer, carol.meyer@earthsciencefoundation.org. If you have any questions, please contact her at 877.870.3747.

I. CONTACT INFORMATION

A. Primary Contact/Principal Investigator

Name: Rob Raskin
Address: Jet Propulsion Laboratory
Phone: 818 354-4228
Fax: 818 393-2718
Email: raskin@jpl.nasa.gov

B. Designated Assembly Representative (could be same as above)

Name: same
Address:
Phone:
Fax:
Email:

C. Other Contacts

Name:
Address:
Phone:
Fax:
Email:

Name:
Address:
Phone:
Fax:
Email:

Name:
Address:
Phone:
Fax:
Email:

II. ABOUT YOUR ORGANIZATION

A. ORGANIZATION/DIVISION/PROJECT NAME:

Semantic Web for Earth and Environmental Terminology (SWEET)

B. OVERVIEW OF YOUR PRIMARY ACTIVITIES (250 words or less)

We provide knowledge management support for Earth system science data. We encourage the use of machine-readable metadata, which will support automated search, acquisition, and utilization of data.

C. Please list and briefly describe the primary product(s) or service(s) that your organization provides (will provide) to the community.

We are an information service provider. Data providers can associate rich metadata descriptions to their data products by pointing (via XML tags) to concepts in the SWEET ontologies (where they are defined). This annotation supports semantic interoperability.

D. Please give a main website address for the proposed Partnership:

Web Address: <http://sweet.jpl.nasa.gov>

III. HOW YOUR ORGANIZATION WILL BENEFIT FROM/CONTRIBUTE TO THE EARTH SCIENCE INFORMATION PARTNERS (ESIP) FEDERATION

- A. Describe current or anticipated users of your products and services and how you think the Federation can help you better serve this population. (200 words or less)

SWEET ontology categories are planned to be used in the Earth Information Exchange to enable providers and users to specify their exact offerings and requests, respectively.

- B. Describe any Earth science technologies that you have developed and are willing to bring to the Federation's efforts to provide best-practices. (200 words or less)

XML, OWL, RDF

- C. Describe how your proposed membership would contribute to the efforts and the mission of one or more standing committees, working groups and/or clusters. See Page 3 for descriptions of the different activities of the various standing committees, working groups, and clusters. (200 words or less)

We will contribute to the Products and Services Committee, currently Chair of that Committee.

- D. Describe your own use of Earth science information and data and how you would see this use enhanced by your partnership in the Federation. (200 words or less)

IV. YOUR CHOICE OF MEMBERSHIP TYPE. PLEASE PICK ONE.

ESIP-I (primarily a data archive center)



ESIP-II (primarily a research center)



ESIP-III (primarily applications and education)



ESIP-IV (primarily a sponsoring member)



V. Any other comments about your proposed membership and its relation to the Federation that you wish to provide.

Thank you for your application for partnership in the ESIP Federation.

List of Federation Committees and Clusters

Administrative Committees

Executive Committee: Comprised of all standing and administrative committee chairs, ESIP Type Representatives, the President and Vice President of the Federation. Oversight body for most day-to-day activities of the Federation, acts on behalf of the Assembly between meetings.

Constitution and Bylaws: Provides counsel on matters related to the constitution and bylaws and other related issues (e.g. amendments to government documents)

Finance and Appropriations: Oversees financial resources of the Federation, including the annual budgeting process.

Partnership: Reviews and processes all applications for membership before making applications available for review by members of the Federation. Deals with other membership-related issues.

Standing Committees:

Commercial Development: Promotes a forum wherein commercial development of Earth science information can be fostered.

Community Engagement: Provides a forum for the Federation to promote partner products and to engage new users for data products and services.

Education: Provides a forum to make accessible to educators and learners at all levels in both formal and informal educational contexts the Earth science data, information, tools, and curricula available within the ESIP Federation.

Information Technology and Interoperability: Provides a forum for discussing information technology and interoperability issues of the Earth science community and serves as a central point for activities in this realm.

Products and Services: Provides a forum for defining best practices and defining requirements for earth science products and services. Currently is involved in developing an inventory of partner products and services.

Clusters (presently active, April 2005):

GIS

Intelligent Systems

Air Quality