Federation of Earth Science Information Partners
MAKING DATA MATTER

# 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: Kevin Ward
Address: NASA Goddard Space Flight Center
Phone: 503-977-2970
Fax:
Email: Kevin_ward@ssaihq.com

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

Name: same

Address:
Phone:
Fax:
Email:

### C. Other Contacts

Name: David Herring

Address: NASA Goddard Space Flight Center
Phone: 301-614-6219
Fax:
Email: dherring@climate.gsfc.nasa.gov

Name:

Address:
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## II. ABOUT YOUR ORGANIZATION

A. ORGANIZATION/DIVISION/PROJECT NAME:

NASA Earth Observations (NEO)

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

NASA Earth Observations (NEO) dramatically simplifies public access to georeferenced imagery of NASA remote sensing data. NEO targets the unsophisticated, non-traditional data users who are currently underserved by the existing data ordering systems. These users include formal and informal educators, museum and science center personnel, professional communicators, and citizen scientists and amateur Earth observers.

Users are able to view and manipulate georeferenced browse imagery within the NEO interface itself (e.g., applying color palettes, subsetting, and importing to NASA's Earth Observatory's Image Composite Explorer), open NEO imagery directly using third party software (e.g., Google Earth, any GeoTIFF or WMS capable application), and, if they desire, download or order the source data directly from the data provider via a single, integrated interface.

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

NEO is a "proxy" collection of NASA Earth science datasets that are in a user-friendly format and can be accessed through multiple vectors/interfaces. These data are available in resolutions that can support reasonably high-resolution display technologies (e.g., 'Science on a Sphere') and in a variety of formats.

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

Web Address: http://neo.sci.gsfc.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)

NEO's target audiences are the education community, other non-traditional data users (e.g., science centers and museums), and the public who are looking for easy access to data imagery. Participation in the Federation will help to promote NEO to some of these groups as well as provide a forum for NEO to interact with other data providers to further promote access to their data.

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)

WMS (forthcoming)

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)

NEO can contribute to several committees:

*Community Engagement:* NEO contains data from a cross-section of missions and hopes to partner with more data providers in order to present and promote their data products to the target audience.

*Education:* NEO's goal is to make these data imagery available in familiar formats so that they are readily accessible by members in the education community.

*Information Technology and Interoperability:* NEO is working to develop standards-compliant access to most of its collections as well as continually researching new techniques and methods of interoperability.

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)

Federation partnership will provide a community of like-minded activities that can both learn-from and contribute-to the experiences and resources of NEO.

**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 Servic*es: 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