

EarthCube Working Group Proposals

Draft EarthCube Leadership Council Document

Last updated:
4 February 2015

Background on EarthCube Working and Special Interest Groups

The *EarthCube Demonstration Governance Charter* (revised 05/21/2014) defines a Working Group (§3.6) and Special Interest Group (§3.8) as

3.6 Working Groups

Working Groups serve as ad hoc organizational units created in response to a pressing issue, opportunity, activity, or deliverable related to moving forward EarthCube goals. Working Groups can emerge from the broad EarthCube community, from under the auspices of a Standing Committee, or by direction of the Leadership Council. They can be initiated by any community member, provided they secure a minimum commitment from at least three participants representing at least three separate institutions. Working Groups may bridge more than one Standing Committee, as they can serve as important mechanisms to foster collaboration and resolve issues between Committees.

3.8 Special Interest Groups

Any EarthCube member can create a Special Interest Group focused on any topic relevant to EarthCube. There is no formal review or approval process. Special Interest Groups may request that a page be created on the EarthCube website to explore their topic resources are automatically available to Special Interest Groups necessarily be EarthCube products.

Proposals for EarthCube Working and Special Interest Groups should be submitted on the attached form to rachael.black@azgs.az.gov.

All Working Group (WG) and Special Interest Group (SIG) proposals should include the essential background information required to define their purpose and need, which will be publicly available and comprises the following:

- A WG/SIG **title** (that defines context and contains searchable key words)
- A **statement of purpose**, outlining the end goal/deliverable (less than 250 words)
- The name, affiliation and email address of the WG/SIG **leader** and a list of at least three additional **participants** (name, affiliation, email)
- The **operational timeline** (From MMDDYY To MMDDYY)
- An indication of whether or not **funds** will be required to support WG/SIG activities (if funds are required Section 2 of the form must also be completed)

For more information on EarthCube Working Groups see the 'Existing Guidelines appendix' to the *EarthCube Demonstration Governance Charter*.

EarthCube Working or Special Interest Group Proposal Form

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Section 1: Background Information

1. Working or Special Interest Group title:

Standards and Standards Bodies

2. Statement of Purpose (<2500 characters, *must specify end goal/deliverable*):

This working group will focus on the EarthCube Technology and Architecture Standing Committee mission to assure that EarthCube infrastructure supports standards for interoperability. It has become clear that one of the key elements of a functioning EarthCube will be adoption of various standards that will be the foundation of EarthCube operation. The term standard is used here to mean a public specification documenting some practice or technology that is adopted and used by a community. Technological change is continuous, and new scientific opportunities arise, and as such interoperability issues will continuously arrive. EarthCube must be invested in continuously shaping standards to adapt to these changes and serve its community. It is in the interest of EarthCube to adopt existing standards when applicable, participate in standards development through existing standards organizations, and to coordinate community activities developing new specifications for adoption as standards. The standards working group will:

Recommend the use of existing standards to the TAC to meet EarthCube requirements

Identify opportunities for standardization and recommend the best course of action for standardization

Evaluate proposals from workgroups for standards activities and make recommendations to the TAC.

Guide the EarthCube community to systematically integrate its efforts into existing standards-making processes

Promote participation in relevant standards-making processes to assure that they address EarthCube requirements.

End goal and deliverables:

As part of the EarthCube governance process, develop, document, and prototype a workflow for coordinating standards activities

A register of standards that the EarthCube community currently uses

Written recommendations to TAC on what existing standards should be adopted.

Written recommendations to TAC on new standards to develop

3. Founding Members *(A complete list of all participants should be sent to the EarthCube Office within two weeks of the WG/SIG being approved)*

3a. Name, affiliation and email address of WG/SIG chair *(WGs additionally are responsible for nominating a co-chair, please submit this to the Office as well):*

Stephen Richard

Name

AZGS

Affiliation

steve.richard@usgin.org

Email Address

3b. Name, affiliation, and email address of at least 2 additional founding participants:

Ibrahim Demir (co-chair)

Name

U. of Iowa

Affiliation

ibrahim-demir@uiowa.edu

Email Address

Bob Arko

Name

LDEO

Affiliation

arko@ldeo.columbia.edu

Email Address

Doug Fils

Name

Ocean Leadership

Affiliation

dfils@oceanleadership.org

Email Address

Christopher Tucker: tucker@mapstory.org David Arctur: david.arctur@utexas.edu John Graybeal: jgrayb

Additional participants (optional)

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4. Operational timeline (From MM/DD/YY To MM/DD/YY):

From:

To:

5. Are funds required to support WG/SIG activities? (If YES, please complete *Section 2* below)

NO

YES

Section 2: Budget Justification

6. Briefly describe alignment with EarthCube goals and/or Committee/Team priorities:

7. Meeting mechanisms and expected frequency:

8. Expected time commitments and levels of involvement:

9. Risk assessment (what might lead to failure, how to mitigate those risks):

10. Resources available to the working group (*e.g.*, datasets, people, IT, *etc.*):

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11. Requested total budget and brief (<2500 character) budget justification:

12. Host (who will be committed to respond to inquiries about the group):