



Request for Pre-Proposals Idaho NASA EPSCoR Program

The Idaho NASA EPSCoR program, through the NASA Idaho Space Grant Consortium (ISGC), requests aerospace and space science research pre-proposals for the NASA EPSCoR program. Pre-proposals will be used to determine those proposals that will be fully developed in response to the call for proposals expected to be released by NASA in January, 2010. Institutions eligible for this pre-proposal call include **Boise State University, Idaho State University, Northwest Nazarene University, and the University of Idaho.**

NASA's 2006 Strategic Plan outlines the six strategic goals that NASA will focus on from 2006 through 2016. These goals are integral to NASA's vision "to advance U.S. scientific, security, and economic interests through a robust space exploration program." These six goals include:

1. Fly the Shuttle as safely as possible until its retirement, no later than 2010.
2. Complete the International Space Station in a manner consistent with NASA's International Partner commitments and the needs of human exploration.
3. Develop a balanced overall program of science, exploration, and aeronautics consistent with the redirection of the human spaceflight program to focus on exploration.
4. Bring Orion, the new crew exploration vehicle, into service as soon as possible after the shuttle's retirement.
5. Encourage the pursuit of partnerships with the emerging commercial space sector.
6. Establish a lunar return program having the maximum possible utility for later missions to Mars and other destinations.

Research proposed **MUST DIRECTLY ALIGN** to one or more of the goals indicated above in order to be eligible for submission. Any submission that does not *clearly* align to one or more of these goals will NOT be considered for the NASA EPSCoR 2010 call for proposals.

Collaborations between researchers at different universities and industry are encouraged. The NASA EPSCoR review committee reserves the right to invite teams with related projects to collaborate and possibly merge projects before announcing the pre-proposals selected for development of full proposals. It is anticipated that NASA's timeline for development and submission of full proposals will be brief – thus, it is critical that teams begin actively seeking resources and appropriate collaborations for development of a full proposal now.

Release Date:	November 9, 2009
Notice of Intent Due:	December 4, 2009
Pre-proposal Due:	January 4, 2010

Notice of Intent

A notice of intent (NOI) must be submitted by **Friday, December 4th**, which should include the name of the Principal Investigator, the title of the proposal, and a short abstract. This will help Idaho EPSCoR identify outside reviewers to assist us in selecting the pre-proposals that will be asked to submit a full proposal.

Pre-Proposal Preparation

All pre-proposals submitted through an eligible institution and satisfying the specific program criteria below are eligible for consideration. Pre-proposals other than those submitted by the University of Idaho must be approved by the appropriate research/grant office *prior* to submission.

PROPOSAL REQUIREMENTS:

- Title Page: Project title, principal investigator and all co-investigators – include the title/rank, unit/college, research role, contact information (address, phone number, e-mail), and percentage effort on the initiative for each individual listed (*1 page*)
- Pre-Proposal Body:
 - Research Abstract (*1/2 page*)
 - Description of the proposed research including scientific/technical merit (*2 pages*)
 - Outcomes and impact of research in the field, as well as *clearly* describing the benefits to NASA and the state of Idaho (*1/2 page*)
 - Relationship to NASA’s strategic goals as outlined in the 2006 Strategic Plan - include established collaborations with NASA researchers, engineers, or scientists and planned interactions with researchers at Field Centers and/or Mission Directorates (*1 page*)
- **Budget and Budget Justification**, including **1:1** non-federal matching (no page limit). The total funds requested in the research proposal cannot exceed \$750,000 over a three-year period.

Note – This section is *critical* for selection to develop a full proposal and must be *detailed* and must *directly align* with the NASA goals listed in 2006 strategic plan. A letter or written correspondence (a letter or email) that contains substantive details of NASA support and resources to be provided is *highly encouraged*, and is to be included as an appendix.

The following restrictions exist on the use of the federally-provided NASA EPSCoR funds:

- Award funds may not be used to fund research carried out by non-U.S. institutions. U.S. research award recipients may, however, directly purchase supplies and/or services that do not constitute research from non-U.S. sources. For additional guidance on foreign participation, see Section 1.6 of the *NASA Guidebook for Proposers*.
- Foreign travel to meetings and conferences in support of the jurisdiction’s NASA

- EPSCoR research project is an acceptable use of NASA EPSCoR funds, with an upper limit of \$3,000 per trip for up to two separate years of a jurisdiction's proposal (i.e., the maximum amount the jurisdiction can request for foreign travel is \$3,000 total in any one year and a limit of \$6,000 total for each research proposal). Note that domestic travel does not have a limit. Domestic travel should be appropriate and reasonable to conduct the proposed research.
- NASA EPSCoR funding cannot be used to purchase general purpose equipment, e.g. desktop workstations, office furnishings, reproduction and printing equipment, etc. as a direct charge. Special purpose equipment purchases (i.e. equipment that is used only for research, scientific, and technical activities directly related to the proposed research activities) are allowed and can be reflected as a direct charge.
 - Indirect costs for entities outside the University of Idaho are limited to your negotiated rate and negotiated base. University of Idaho faculty, please contact the ISGC office regarding indirect costs.

Submissions must be single spaced, 12-point font, and have one-inch margins on all sides. Submissions must be no more than 5 pages in length (excluding the title page, vitas, budget, and NASA letter/correspondence). **Submissions that do not follow these guidelines and/or do not DIRECTLY align to NASA's strategic plan goals will NOT be considered for development of a full proposal.**

All submissions of pre-proposals must be received electronically by **Monday, January 4th**. NO late submissions will be accepted due to the anticipated NASA timeline for development of full proposals.

Review / Selection Process

Pre-proposals and final proposals will be evaluated by members of the Idaho NASA EPSCoR Technical Advisory Committee as well as selected NASA personnel.

The goal of this call is to identify projects that may be successful under the next NASA EPSCoR proposal submission process, a call for which is expected in January, 2010.

Priority will be given to proposals that:

- Demonstrate strong collaborative ties with NASA, including strong letters/written correspondence of support from NASA research collaborators;
- Enhance collaborative, integrative, and/or multi-interdisciplinary activities;
- Enhance and promote diversity;
- Contribute to Idaho's economic, research, and technology priorities;
- Leverage existing resources demonstrating a high degree of commitment from units, e.g. new funds or redirection of current resources;
- Generate new resources that will allow for continuation and possible growth of the proposed activity.

After the deadline, pre-proposals will be reviewed and ranked, and investigators will be notified of their status to submit to the NASA EPSCoR 2010 call for proposals. Feedback based upon the

review will also be provided. After details concerning the NASA EPSCoR 2010 call are released, research teams selected to develop full proposals will be provided complete instructions on the depth and breadth of the proposal and appendices, timelines for drafts/reviews, etc. All full proposals submitted to the NASA EPSCoR 2010 call **MUST** be submitted through the Idaho NASA EPSCoR program in order to be eligible for funding consideration.

Submission

Submit an **ELECTRONIC** copy
(as a *Word document or PDF file*)
of the Pre-Proposal to:

isgc@uidaho.edu

Late submissions will **NOT** be accepted.

**If you have questions or require additional
information, please contact:**



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208-885-6438

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Submission Deadline: January 4, 2010 (5:00pm PDT)