



RSI Explorer Grant Proposal Submission Form: Spring 2024

Application Deadline: **May 7, 2024**

Application Check List:

- 1) **Application Form** includes:
 - a. Lead PI name/affiliation/e-mail
 - b. Co-PI name(s)/affiliations(s)/e-mails(s)
 - c. Title
 - d. One-sentence proposal summary
 - e. Research focus area
 - f. Sustainability challenge statement (less than 50 words)
 - g. Statement of impact (less than 400 words)
 - h. Leveraged resources (optional) (less than 300 words)
 - i. Budget justification (less than 500 words)
 - j. Statement of interest in use of RSI facilities (optional) (less than 150 words)
- 2) **Proposal Technical Narrative** - 3 pages (11 pt font, 1 in margins, single-spaced), inclusive of figure and references.
- 3) **RSI_Explorer_Grant_Proposal_Budget Worksheet**
- 4) Signed **DAF**

Application Form, Proposal Technical Narrative, and DAF must be submitted as e-mail attachments to xenia@caltech.edu with copy to ramonae@caltech.edu.

The Budget Worksheet must be uploaded directly to a secure Caltech Box.

If you have any questions about the form or the submission process, please contact xenia@caltech.edu.

Lead PI Name*

Lead PI Primary Affiliation*

Lead PI Secondary Affiliation (Optional)

Lead PI E-mail Address*

This application has Co-Is

Co-I Name

Co-I Primary Affiliation

Co-I Secondary Affiliation (Optional)

Co-I E-mail Address

If your application has addition Co-Investigator(s), please list full name(s), affiliation(s), and e-mail(s) here.

Proposal Title *

One-sentence Proposal Summary (less than 50 words) *

Research Focus Area - Check all that apply *

Sustainability Challenge Statement: Please describe how your proposal fits the sustainability mission of RSI, which aims to support research across campus that addresses challenges and opportunities associated with climate change and the stewardship of natural resources. You should describe the particular sustainability challenge that the proposal addresses, and how the research might address that challenge if successful. (less than 50 words) *

Statement of Impact: Please provide an explanation of how the research outcomes might be translated to realize the potential impact that the project might have on your stated sustainability challenge. Specifically, the application should identify a relevant metric for global sustainability (e.g., Gt CO₂ emission reduction, cubic feet of water purified) that provides a quantitative analysis of the project's potential for impact over some specified time frame. (less than 400 words) *

Please describe any unique or timely internal or external resources, or unique key personnel or expertise that will support this proposal. If none, please say n/a. Please include details on any additional financial resources you are leveraging here as well as on the budget worksheet. (less than 300 words) *

If selected, would you consider including a Summer WAVE fellow as part of your research team? *

Budget Justification (less than 500 words) *

Statement of Interest in Use of RSI Centers: We are interested to know if this research would make use of any of the capabilities available in the [RSI-run centers](#)? If so, please describe which capabilities would be most useful. If none, please say n/a. Information on current and planned capabilities can be found on the [RSI website](#). Please note that receiving an explorer grant will not necessarily entitle you to access or use of the centers at this time. (less than 150 words) *