THE OHIO STATE UNIVERSITY

FY22 INTERDISCIPLINARY RESEARCH SCALING GRANTS

Request for Proposals

The Byrd Polar and Climate Research Center (BPCRC), Sustainability Institute (SI) and Translational Data Analytics Institute (TDAI) at The Ohio State University are collaborating to support extramural proposal development and execution for compelling, interdisciplinary, big data-enabled research on topics related to **climate and sustainability**. This solicitation is expected to fund 4-5 proposals with an average award amount of $10,000.

Extramural agency priorities with which a Scaling Grant recipient might align include:
- NIH – Climate/Health/Justice
- NSF – DCL topics ([Critical Aspects of Sustainability: Innovative Solutions to Climate Change](#))
- NASA – Decadal Survey
- DOE – energy transition
- USDA – smart ag

Scaling Grants may include:
- Funds for GRA or course buyout
- Funds for grant writing assistance
- Proposal support services
    - Ideation session facilitation
    - Proposal process management
    - Pink team reviews
    - Red team reviews
- Use of physical space

REQUIREMENTS

To be eligible for a Scaling Grant, a **team** is **required** to:
- Be led by an affiliate or core faculty of BPCRC, SI and/or TDAI
- Be led by two or more OSU faculty representing two or more departments and distinct disciplines

To be eligible for a Scaling Grant, a **project** is **required** to:
- Be innovative and convergent across two or more distinct disciplines
- Advance interdisciplinary research on a high-priority topic related to climate and sustainability, including (but not limited to): climate systems and atmospheric science; climate-smart agriculture and forestry; climate change and human health; infrastructure and community resilience to climate-related hazards
- Have an explicit data science and/or analytics component

Additional consideration is given to proposals that:
- Address racial justice issues through research focus, approach, stakeholder engagement, outcomes or other aspects
- Represent one or more underrepresented groups in the team's composition

- Represent three or more departments and distinct disciplines in the team's composition
- Include student or trainee development
- Use or create assets that can be utilized by others in the OSU research community (e.g., tools, data repositories, etc.)

AWARD TERMS

Funds may not be requested or used for travel, overhead or capital expenditures.

EVALUATION PROCESS AND CRITERIA

Eligible submissions are reviewed and scored by the award co-sponsors' leadership based on the following criteria:

I. Project Merit
    a. The problem being addressed is clearly stated, meaningful and related to climate and sustainability
    b. The proposal includes a well-reasoned ethical consideration of the research and its potential societal impact
    c. The problem requires an interdisciplinary approach to address
    d. The team is sufficiently interdisciplinary in its composition to address the challenge
II. Approach and Methodologies
    a. The approach and methodologies are clear, reasonable and appropriate and have an explicit data science/analytics component
    b. The advantage of this approach over the next best alternative is well-reasoned and justified
III. Previous Related Work
    a. Previous related work demonstrates the efficacy of the team, methodologies and general proposal approach
IV. Target Funding Opportunity
    a. The proposal aligns with the target funding opportunity aims and requirements
    b. The timeframe for responding to the target funding opportunity is reasonable and appropriate
V. Additional Considerations
    The project:
    a. Addresses racial justice issues through approach, stakeholder engagement, outcomes or other aspects
    b. Includes underrepresented groups in the team's composition
    c. Includes student or trainee development opportunities

HOW TO SUBMIT

1) Complete the proposal template provided
    Download the template at https://tdai.osu.edu/resources/research-awards/scaling-grants

2) Save it as a PDF and name the file using this convention:
    FY22 IRSG – [*Contact PI Last name*] – [*Project Title*]

3) Use this Qualtrics link to submit your PDF and indicate the resources you are requesting and the funding opportunity announcement you intend to pursue:
    https://osu.az1.qualtrics.com/jfe/form/SV_eP6KK8mW2aYs7k2

If you have questions, [email SI research program manager Courtney Price.1217](#).