CIRCA OVERVIEW

2022 CLIMATE RESEARCH SEED GRANTS

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Connecticut Institute for Resilience and Climate Adaptation

CIRCA Priority Research Topics

1. Pilot experiments/surveys to develop preliminary data that characterizes how natural processes and social interactions will be modified by climate change.
2. Novel approaches to characterize climate change impacts on humans, the economy, or Connecticut ecosystems.
3. Methods to characterize socioeconomic impacts of climate change on Connecticut communities.
4. Development and demonstration of approaches to assess the effectiveness of engagement strategies for adaptation planning.
5. Development and evaluation of innovative approaches to resilient engineering and adaptation (e.g. green infrastructure for erosion and stormwater management).
6. Development and evaluation of innovative financing approaches for adaptation and resilience actions.

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Overview

- Four $15,000 grants in spring 2022
- Applicants: UConn faculty eligible to submit external proposals and on CIRCA [Affiliated Faculty](#) list
- Proposal Deadline: **March 15, 2022 (5 pm)**
  Mail to circa@uconn.edu
- Other important dates:
  - April 2022 – April 2023: 12 month award period
  - Fall 2022: participate in a 6 month meeting or CIRCA webinar
  - Spring 2023: participate in a 12 month research symposium

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Connecticut Institute for Resilience & Climate Adaptation (CIRCA)

CIRCA

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Resilient Connecticut Project

CIRCA Research Seed Grants Available for UConn Faculty

CIRCA is seeking proposals from UCONN faculty for climate research seed grants. These awards are intended to support the development of competitive grant proposals that advance CIRCA's mission; projects that address CIRCA priorities and complement existing capacity will be preferred. A larger proposal resulting from the seed grant project should be submitted within one year of the CIRCA grant completion. Seed grant projects should be completed in 12 months. CIRCA anticipates funding four $15,000 seed grants by the end of the spring semester, 2022.

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Application

Research Plan (4-page maximum)

- **<u>Project Summary</u>** – Information about the proposed project and concept for a future external grant application (e.g. how CIRCA's proposed seed grant helps the research team develop a competitive external grant).

- **<u>Research Strategy</u>** – Brief description of the research significance and approach. The significance should focus on the larger research questions that will be addressed by a future external grant application. This section should also describe which of CIRCA's five research priorities is targeted.

- **<u>Timeline</u>** – Major tasks and deliverables. Include participation in the 6-month and 12-month grantee meetings and expected timeframe for submitting external grant.

Proposed Project's Relationship to Current Research.
Brief description of how the proposed project is related to current research.

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Application

Relevant References

Biographical Sketch of PI(s) in NIH or NSF format

Current and Pending Support List for the PI(s) in NIH or NSF format

Roles and Responsibilities of Project Personnel (1 page)

Budget with Justification (1 page)

Other Sources of Support for the project
(e.g., additional funding, in-kind services, equipment)

Letters of support (if applicable)

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Review Criteria

(30%) Novelty and significance of proposed research

(30%) Effectiveness of research plan and team qualifications

(20%) How project outcomes complement activities and advance the mission of CIRCA

(10%) Expansion of CIRCA support for faculty & students

(10%) Sources of support (e.g. time, equipment, funding)

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Final Report

Investigators will provide a final report to CIRCA that includes:

- ✓ Executive summary for non-technical audience (500 words)
- ✓ Project background and context
- ✓ Explanation of how project advanced CIRCA mission and priority research area(s)
- ✓ Project description, including goals and methods
- ✓ Outcomes and products, including a description of the planned external grant application

Copies of all project products are also required upon request (manuscripts, maps, photos, presentations, tools, data files, etc.)
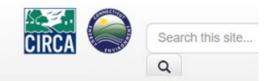
Final report/products will be published on CIRCA's website

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Resilient Connecticut Project

CIRCA Research Seed Grants Available for UConn Faculty

circa.uconn.edu/uconn-faculty-climate-research-seed-grants-call-for-proposals/

QUESTIONS?

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