

# NSF 24-595: Regional Resilience Innovation Incubator (R2I2)

- [Cross-directorate NSF solicitation from GEO and TIP](#)
  - “R2I2 will support **community-engaged** team science to **co-design** high-impact **solutions** to climate-related **societal challenges** that leverage recent advances in **fundamental climate change and Earth system science** research.”
- \$10,000,000 for 17 awards: 16 Phase 1 and 1 R2I2 National Office
- Individual PI and Co-PI limit: 2 (one PI, one Co-PI)
- No limit on number of proposals per institution
- **LOI (required): December 16, 2024; Full proposal: January 16, 2025**
- Award announcements: July 2025
- Eligibility: “NSF sponsored Federally Funded Research and Development Centers (FFRDCs) may submit proposals provided that they do not include costs for which federal funds have already been awarded or are expected to be awarded.”
- See [Sundog](#) page for additional funding guidance from NCAR leadership.



Reach out to Mariana Cains ([mgcains@ucar.edu](mailto:mgcains@ucar.edu)) if you have any questions.

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**Phase 1 awards** for R2I2 incubators across the ten climate regions

- **\$500,000 for 2 years:** partnership building, refinement of the proposed regional climate challenge, and **conceptual development** of potential solutions to achieve proposed solutions within a 3–5-year timeline.
- NSF is seeking **transformational progress** rather than incremental progress
- Only Phase 1 awardees eligible for potential Phase 2 implementation solicitation in FY26

**Review panel will be looking for:**

- **Bold vision** for high impact, use-inspire, ready to implement solutions
- **Demonstrated need** for solution
- How Phase 1 will **translate to Phase 2**
- How **team collaboration** and effectiveness will be promoted
- How will potential solutions be explored, developed, and **evaluated beyond Phase 1?**
- Broader impacts (climate resilience for communities) are leading the science. → **What is the intellectual merit needed** to achieve those impacts in the next 5 years?



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**R2I2 National office award** will support the collective and coordinated operation of the regional R2I2 awards.

- Initial award for **2-year period at \$1M/year** base funding
- funded through a **cooperative agreement**
- lead communication across projects
- develop **framework for shared governance** across R2I2 Phase 1 awards
- **Provide data repository** for R2I2 awardees
- May be extended based on performance of R2I2 program

**Review panel will be looking for:**

- a **trusted entity** for addressing climate challenges
- **experience with coordination** at a national level
- history of **impactful engagement**
- expertise in communication, data management, and **convening diverse groups**
- **institutional** process and technical staff to support **coordination effort**
- **leverage existing partnerships** with strategies for new partnerships



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## Phase 1 proposals:

If you plan to submit a proposal and/or are working with collaborators, reach out to Mariana Cains ([mgcains@ucar.edu](mailto:mgcains@ucar.edu)).

We want to make sure your proposal is reflected in the NCAR Directorate's R2I2 National Office proposal.

See the [Sundog](#) page for more details and NSF links.

## R2I2 National Office proposal:

- The NCAR Directorate will be submitting a proposal for the R2I2 National Office.
- The proposal will highlight the strengths of NCAR as a trusted entity for addressing climate challenges with world-renowned Earth system science expertise.
- **We are seeking a representative (or two) from each lab** to join the NCAR R2I2 National Office proposal development team.
- Selected reps should **reach out to Mariana by Monday 10/21**.



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