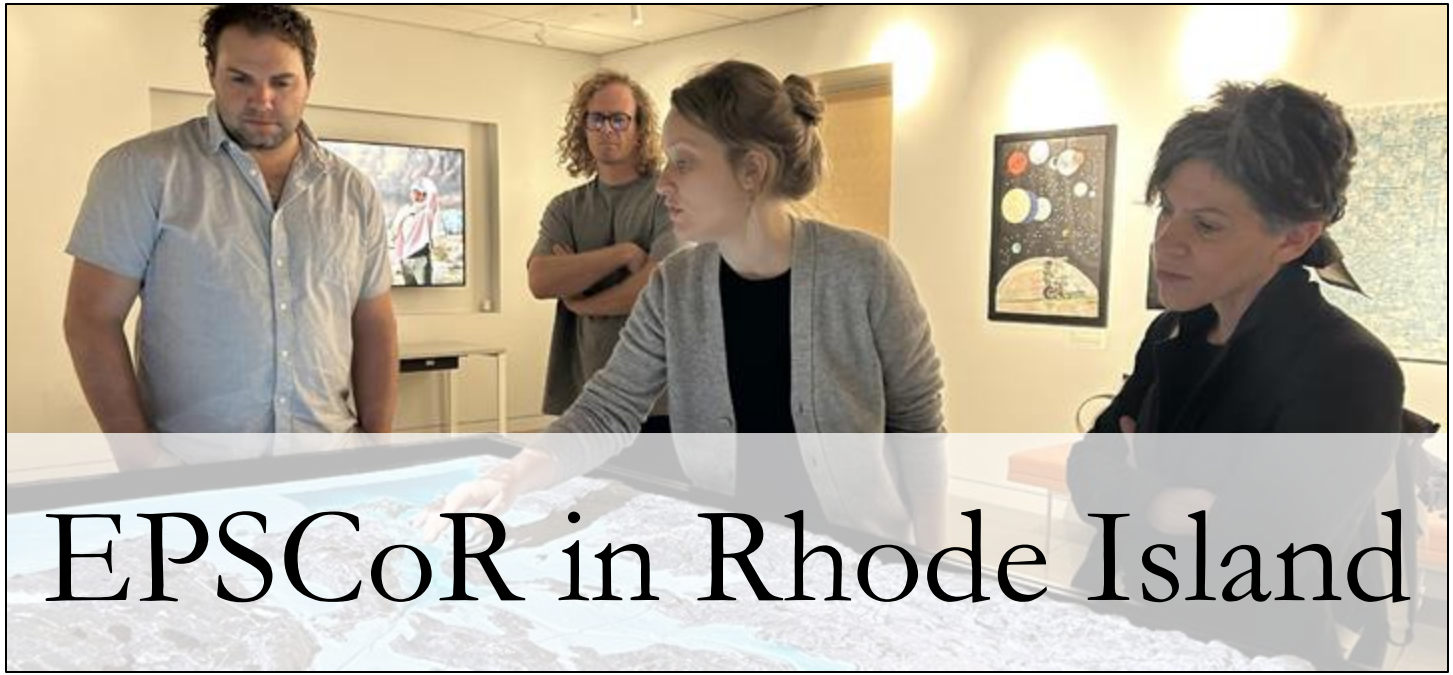
RHODE ISLAND
NSF EPSCoR
ADVANCING GEOGRAPHIC DIVERSITY IN STEM



EPSCoR in Rhode Island

Now and into the future

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What is EPSCoR?

Funded through the U.S. National Science Foundation, EPSCoR seeks to enhancing research competitiveness and broaden STEM participation among 27 states, boosting their impact in the national and global research enterprise.

EPSCoR Goals

Develop research capabilities and **create** new knowledge that expands states' contributions to scientific discovery, innovation, learning, and knowledge-based prosperity

Establish sustainable STEM education, training, and professional development pathways that advance statewide research and workforce development

Broaden direct participation of diverse individuals, institutions, and organizations in the project's science and engineering research and education initiatives

Engage statewide institutions, organizations, the national research community, and the general public through data-sharing, communication, outreach, and dissemination

Impact research, education, and economic development beyond the project at academic, government, and private sector levels.

Rhode Island vs. Massachusetts

The challenge at hand

States are eligible for EPSCoR designation if if their most recent 5-year level of total NSF funding is equal to or less than 0.75% of the total NSF budget.

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What is EPSCoR in Rhode Island?

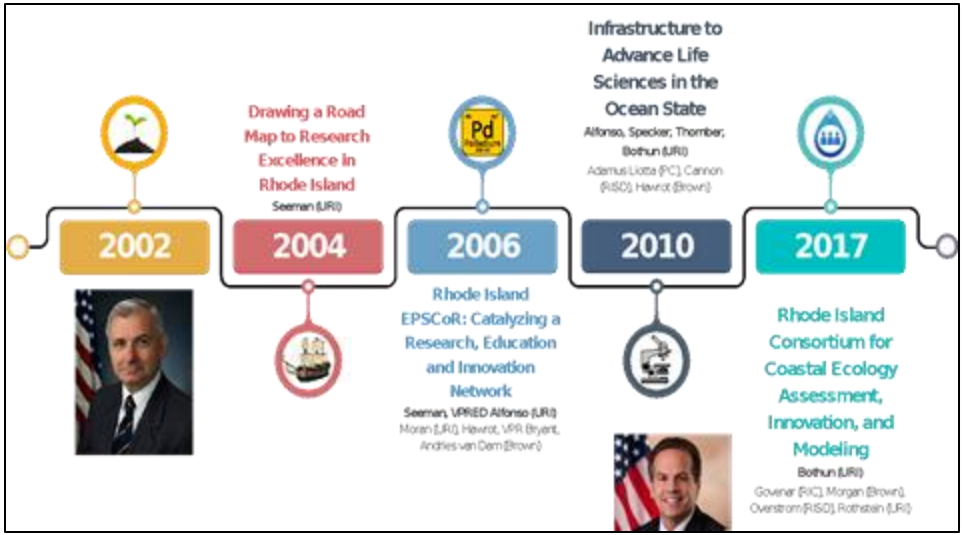
Since 2004 and with the dedicated support of our U.S. congressional delegation, RI has received four major collaborative grants through the NSF EPSCoR program to advance scientific research and broaden participation among institutions across the state.

RI C-AIM (2017-2024),
advancing marine and coastal science

493
faculty, students and post-doctoral fellows supported

$57,682,306
in additional funding for research brought into RI

Over 200
publications in scientific journals



EPSCoR's new focus
building research **capacity** & **infrastructure**

NSF is pushing EPSCoR states, via E-CORE & E-RISE, to:

Build effective systems supporting research enterprise (use-inspired, translational, and sustainable)

Prioritize social science research to better contextualize hard science

Establish equitable networks that support co-creation of research and broadening impacts work with and among underserved populations

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Welcome to RII-NEST

The **RI Inclusive Network for Excellence in Science & Technology** will strengthen research infrastructure and capacity across the state, inclusive of the Narragansett Indian Tribe and its people, and position RI to sustain equitable, use-inspired research as well as societal and economic growth into the future.

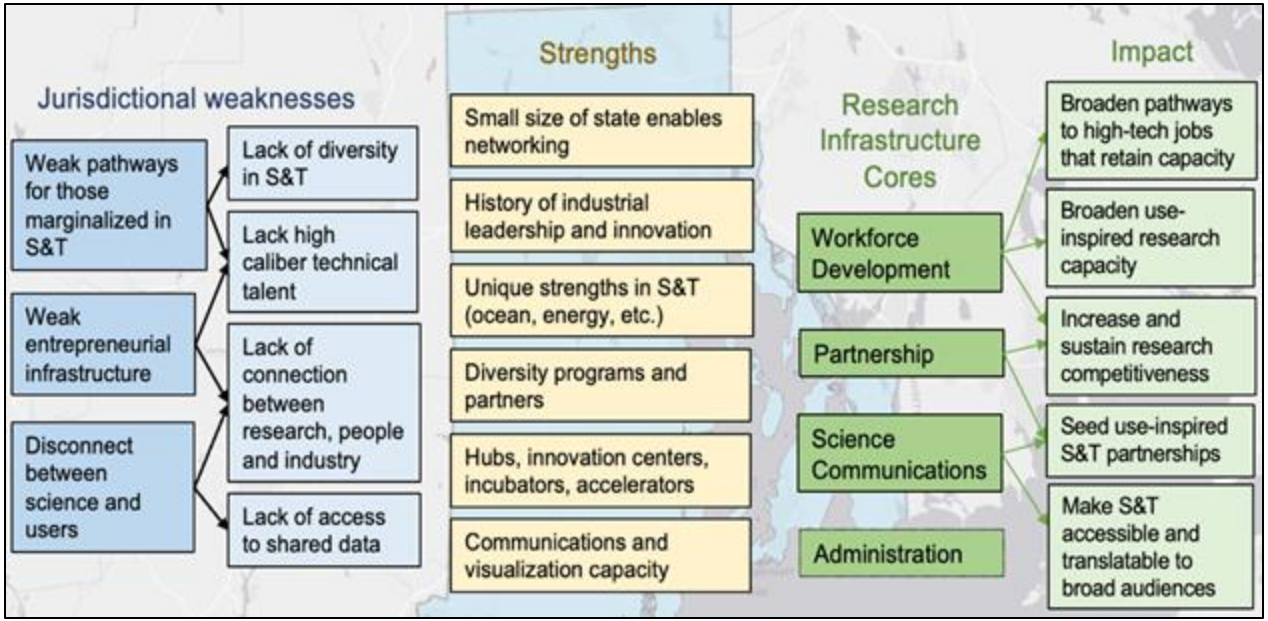
RII-NEST will support S&T efforts via four "cores"

Administration
Key activities: developing new state S&T Plan, establishing planning grants for future E-CORE, E-RISE, & other NSF grant opportunities

Partnership
Key activities: Establish seed grants to broaden participation, co-lead efforts with NIT to center indigenous priorities in state S&T activities

Science Communication
Key activities: Continue Vis-a-Thon, establish Inclusive SciComm programming & student-centered inquiry via journalism

Workforce Development
Key Activities: Continue SURF, broaden participation among PUIs in state S&T, Support existing/new K-12 opportunities to strengthen access to STEM fields



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Why now, and where do you fit?

The CHIPS and Science Act of 2022 supports historic investments in curiosity-driven, exploratory research and use-inspired, translational research across the country. The act specifically sets aside **20 percent of total NSF funding to be dedicated to EPSCoR-eligible states.**

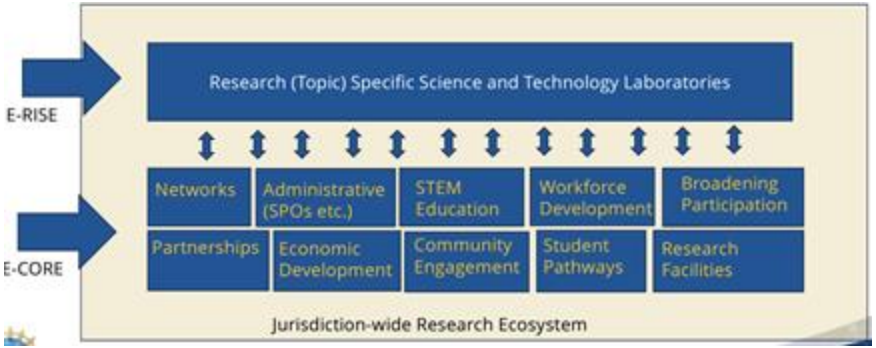
E-CORE & E-RISE at a glance

E-CORE: Builds fundamental research infrastructure based on a state's unique S&T strengths and needs. **Full proposal due: Tuesday, July 8, 2025**

$8M/4yrs,
Full Solicitation
E-CORE Awards across U.S.

E-RISE: Supports incubation of research teams and products in a scientific topical area that links to research priorities identified by the state. **Full proposal due: Tuesday, Aug. 12, 2025**

$7M/4yrs, $4.5 renewal for 3yrs
Full Solicitation
E-RISE Awards across U.S.



Other Funding @NSF EPSCoR

Focused EPSCoR Collaborations (FECs): Builds teams to drive discovery and capacity in STEM fields. **LOR due Dec. 17, 2024, Full proposal Jan. 28, 2025**

EPSCoR Research Fellows: Provides opportunities for single investigators to establish strong collaborations through collaborative visits & activities at a selected host site. **Full proposal due April 8, 2025**

EPSCoR Graduate Fellowship (EGFP): Graduate students who have received a GRFP Honorable Mention can obtain financial support for their graduate education at an institution in an EPSCoR state.

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How can we help? What can you do?

RII-NEST is currently developing its strategic plan for approval in early Spring 2025. We will hold a strategic planning workshop early this December.

Scan code

Visit RI NSF EPSCoR Homepage

Programs across NSF want to partner with EPSCoR states

Subscribe to and attend EPSCoR Live!, a monthly virtual series detailing EPSCoR grant programs.

Consult NSF grant opportunities at each directorate and review which kinds of funding could fit your research and broader impacts work. Proposals with EPSCoR-state involvement are being looked on favorably during the review process.

Consider collaborations on grant proposals with colleagues in non-EPSCoR states.

Connect with the RII-NEST team if you're curious about, struggling with finding equitable collaborations. We can help set up informal conversations, panel discussions and larger workshops around research and broader impacts interests with investigators in our sister EPSCoR states, as well as with local and state partners like RIDE and others, through supplemental funding from EPSCoR and programs like GRANTED.

What NSF EPSCoR wants to see in proposals

Coordination with, not reduplication of, existing NSF EPSCoR-funded efforts

Evidence of effective cross-institutional, transdisciplinary collaboration, particularly with institutions/organizations whose populations comprise of and serve faculty, students and staffs from traditionally underserved communities

Evidence of effective evaluation frameworks to test viability of initial efforts and ensure sustainability of research and broader impacts programming across state, beyond E-CORE/E-RISE funding.

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Other considerations

E-COREs & E-RISEs
Are limited to 1 per institution/organization, 1 per PI or Co-PI

Must have an active Jurisdictional Steering Committee with current by-laws in place to support statewide STEM research **(We do)**

Must have a jurisdictional Science and Technology (S&T) Plan that has been officially accepted and approved by the state within the past five years. **(We do)**

Must have a pending or awarded E-CORE RII) in the state **(We do, RII-NEST)**

Scan code to visit RI NSF EPSCoR homepage