HAZARD MITIGATION ASSISTANCE PROGRAM
NOTICE OF INTENT (NOI) FORM

The Rhode Island Emergency Management Agency (RIEMA) is responsible for managing the state's participation in FEMA's Hazard Mitigation Assistance (HMA) programs, which provide grants for eligible hazard mitigation projects. The HMA includes the Hazard Mitigation Grant Program (HMGP), the Building Resilient Infrastructure in Communities (BRIC) grants and the Flood Mitigation Assistance (FMA) grants. This survey is intended for sub-applicants that would like to pursue a hazard mitigation grant. Submitting a Notice of Intent (NOI) is required so that RIEMA can expedite sub-applicant access to the new FEMA GO portal.

About Hazard Mitigation:
Hazard mitigation is any action taken to permanently reduce or eliminate long-term risk from the effects of natural hazards. Hazard mitigation (i.e., prevention or reduction of loss) differs from short-term preparedness, emergency response, recovery measures, and risk-spreading measures such as insurance.

HMA Program (select one): ☒ **BRIC** ☐ **FMA**

1. Sub-Applicant University of Rhode Island

2. Project Title Next-Generation toolbox for pluvial/coastal flooding and high wind risk assessment and reduction for Bristol and Newport counties

3. Contact Information
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4. Project Location: Bristol and Newport Counties

5. Does the project relate to a strategy/priority identified in the state and/or a local mitigation plan? Yes: ☒ No: ☐
   - Reference plan or section (optional) State of Rhode Island Hazard Mitigation Plan (2024, draft); Also, Hazard Mitigation/Flood Plans of Barrington, Warren, Bristol Portsmouth, Middletown, and Newport Towns.

6. Will project reduce or eliminate long-term risk to life or property from a natural hazard?
   Yes: ☒ No: ☐
7. Hazards the Project Mitigates Against (select all that apply):

☒ Severe Winter Weather
☒ Flood
☒ High Wind
☐ Extreme Heat
☒ Tropical & Extratropical Storms
☐ Extreme Cold
☐ Thunderstorm
☐ Dam Failure
☐ Fire
☒ Sea Level Rise
☐ Infectious Disease
☐ Drought
☐ Earthquake
☐ Tornado
☐ Cybersecurity Incident
☐ Chemical Incident
☐ Terrorism
☐ Biological Incident
☐ Radiological Incident
☐ Civil Disturbance
☐ Infrastructure Failure

8. Is the project located in a flood zone? Yes: ☒ No: ☐

9. Are there environmental impact issues or concerns associated with project?
   Yes: ☐ No: ☒
   - If yes, please describe Click or tap here to enter text.

10. Are there historical/cultural preservation concerns associated with project?
    Yes: ☐ No: ☒
    - If yes, please describe Click or tap here to enter text.

11. Estimated project cost The estimated cost is $450,000 = $337,500 Federal and $112,500 non-federal cost share

12. Can project be completed within 3 years? Yes: ☒ No: ☐
    - Comments (optional) Click or tap here to enter text.

13. Has any work been done on this project? Yes: ☒ No: ☐
    - If yes, please describe what work has been done. Click or tap here to enter text. By leveraging the ongoing BRIC project and other URI initiatives, this project aims to enhance risk reduction efforts for Bristol and Newport Counties.

14. Project Description (Provide as much detail as possible) The primary objective of the proposed project is to develop the next generation of hazard assessment and

planning tools for two vulnerable counties in Rhode Island, namely Bristol and Newport. The aim is to plan and mitigate natural hazard risks to various structures, including both residential and commercial buildings due to compound flooding and high wind. By leveraging existing initiatives, including the current BRIC project and CERI App, this proposed project seeks to address several key gaps: a) Provide high-level guidance on risk mitigation strategies for wind (e.g., upgrading windows or roof nailing) and compound flooding (e.g., elevating structures or floodproofing) for specific user properties of interest. These strategies can be utilized by property owners and town managers for comprehensive risk mitigation planning. b) Provide a preliminary cost estimate for different risk mitigation strategies based on existing databases, such as FEMA guidelines. c) Simulate and map the risk associated with high winds and urban flooding, combined with coastal flooding, riverine flooding, and sea-level rise. The urban flooding risk is currently missing from the assessment. While ongoing efforts exist to provide statewide risk assessment tools for riverine and coastal flooding, no dedicated effort has been made for urban flooding (overflow of stormwater drainage or sewer system due to lack of sufficient capacity), especially in Barrington and Warren, where high-density development is prevalent and getting worst by climate change. The outputs of this project will manifest as **a seamless and freely accessible hazard assessment and mitigation planning app, accompanied by a web version**. These tools can be utilized not only by town and municipality planners at the community level but also by individuals and homeowners at the building level, particularly those in disadvantaged communities. This project will be executed in close collaboration with the Coastal Resources Center (CRC) at the University of Rhode Island (URI), leveraging their extensive experience in community outreach and advancing climate and coastal resilience through a multifaceted approach. The project objectives are shaped by the specific needs of the communities, as conveyed by the town managers of Bristol and Newport Counties during the initial meeting with the URI team on December 29th.

15. Cost Share - Does your agency have the 25% Non-Federal share? (Cash and/or in-kind) Yes: ☒ No ☐

    - If yes, what is the source of funding The source includes the release time of faculty members working on the project, assistance with student tuition, and other in-kind contributions.

16. Does the Project have a budget? Yes: ☒ No ☐

17. Which statement best describes the level of support you will need to complete a mitigation grant application?

    ☒ I have previous experience with grants.

    ☐ I may need some guidance but am comfortable developing an application

    ☐ I have access to a Grants Coordinator in my agency who will help me develop the application.

☐ I do not have a Grants Coordinator in my agency or much experience with grant writing.
☐ I will need significant assistance from the RIEMA State Hazard Mitigation Officer to help me through the application process.
☐ Other (please specify) Click or tap here to enter text.

☒ I acknowledge that FEMA/RIEMA awards are reimbursement grants, and the funds will be allocated after the project is completed and forms are submitted for reimbursement.

Hashemi

_____ Dec 1, 2023

Signature Date

DIRECT SUBMISSIONS VIA EMAIL TO:
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