

From Idea to Impact: RISE's Unique Approach to Coastal Resilience

Briefing to: Virginia Flood Preparedness Coordination Meeting

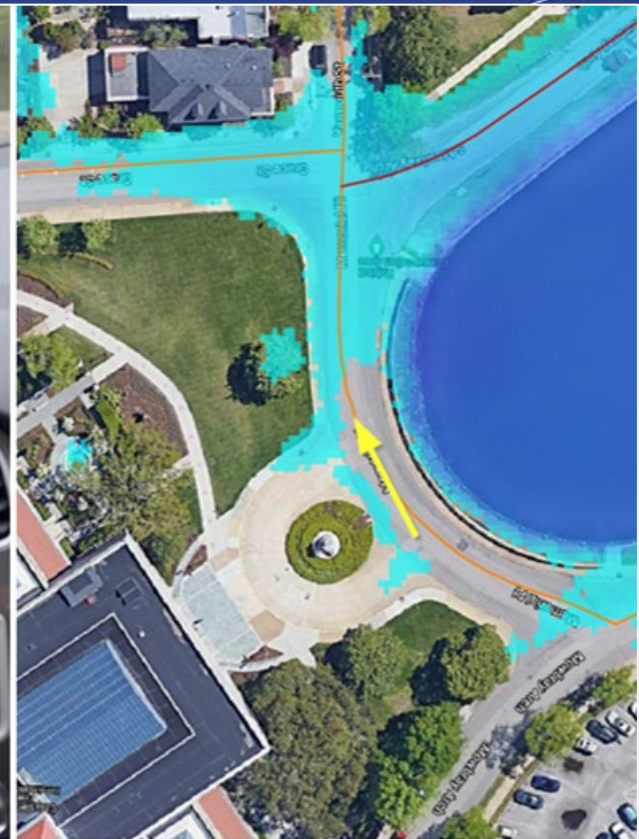
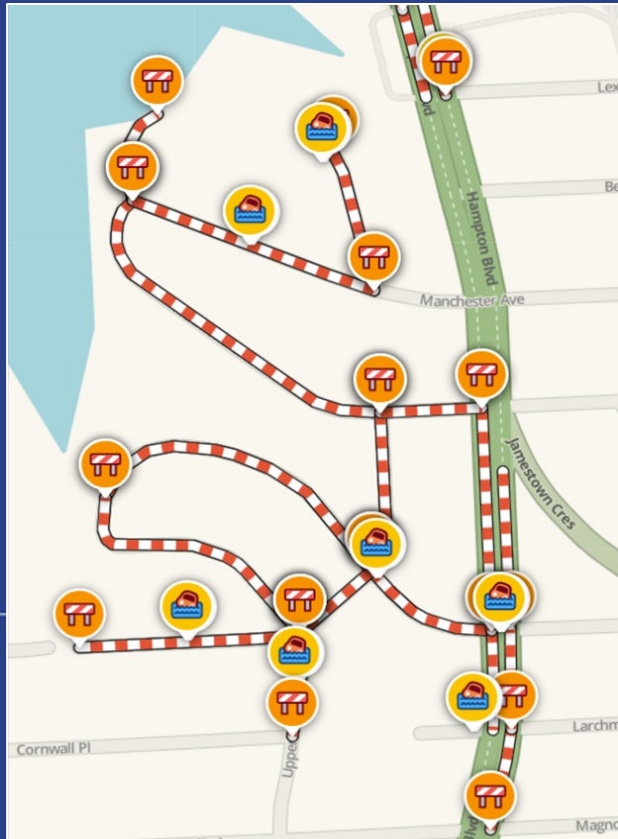
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Our Model.



Real-time Flooding in Waze.



BY THE NUMBERS:

175+

Jobs created
or retained

35+

Novel solutions
piloted

\$7M+

In catalytic
funding and
support to
small
businesses

400+

Trained in climate
resiliency related
industries

250+

Submissions from 30
countries

7

Innovation
Challenges

\$40M+

Raised by
RISE-funded
businesses

Rural Coastal Community Resilience Challenge



VIRGINIA INITIATIVE FOR
**GROWTH &
OPPORTUNITY**
IN EACH REGION



Drainage Systems



Next-generation Buildings



Septic Systems



Nature-based Living Shorelines



Dredge Materials



A two-story house with a porch and garage, partially submerged in floodwater. The house has a brick lower level and a yellow upper level. The porch has white columns and a roof. The garage door is white. The water is dark and murky, reaching up to the porch steps and the bottom of the garage door. There is a small boat or piece of debris floating in the water near the garage.

\$1.5M 2023 Flood Insurance of the Future Challenge

**Reduce flood-related insurance
premiums and payouts by 50%**

\$1.5M 2023 Flood Insurance of the Future Challenge Winners



Building first-floor elevation mapping using remote sensing



NATIONAL
FLOOD
EXPERTS

NFIP RR2.0 flood insurance premium estimation platform



Flood risk underwriting platform for all properties nationwide



Community-based parametric flood insurance



Plover Parametrics

Micro parametric catastrophe insurance solutions



Resilience Innovations

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