



Supporting Resilient Communities

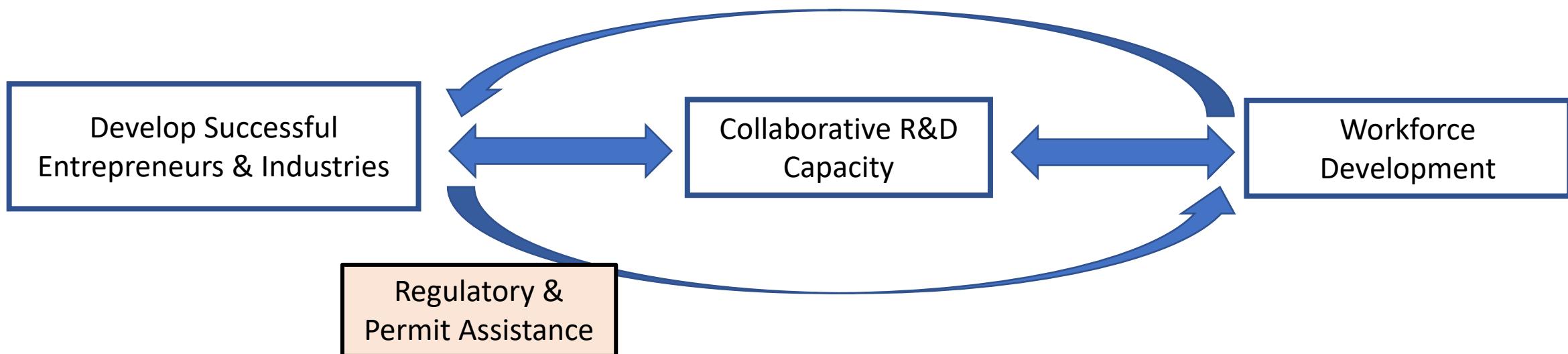
Launching the Resilience & Adaptation Economy



Launching the Coastal Resilience & Adaptation Economy



Innovation Ecosystem & Industry Cluster



Entrepreneurs & Industries - Business Competition



**BIOGENICS SOLUTIONS
CONSULTING, LLC**



Non-Profit Organization

SeaGrant VIRGINIA **Funded**



Supporting returning Veterans with PTSD

- Therapy
- Work- and community-based activities, in nature
- Aquatic plant production

Collaborative R&D Capacity - Public Private Partnerships

**BIOGENICS SOLUTIONS
CONSULTING, LLC**



**OLD DOMINION
UNIVERSITY™**

**GEORGE
MASON
UNIVERSITY**

NATRX
ADAPTIVE INFRASTRUCTURE



HANBURY

The logo features a white building with a portico and columns, enclosed in an orange circle.

**UNIVERSITY
of VIRGINIA**

The logo features a green shield with a white Greek letter 'Tau' (Τ) in the center.

**Tulane
University**

The logo features a teal water droplet icon with a small leaf inside it.

**TRIANGLE
ENVIRONMENTAL
HEALTH INITIATIVE**

JMU
**JAMES MADISON
UNIVERSITY®**

Knott Alone – Hold Fast Inc.



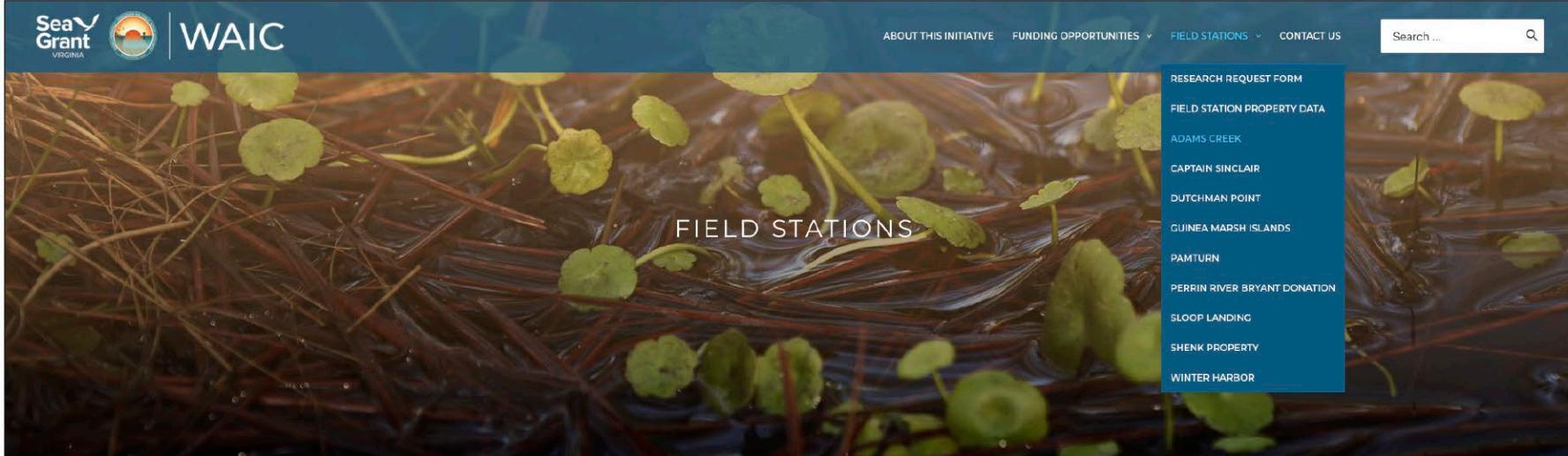
The logo features a green stylized tower or lighthouse with a yellow base.

**NORFOLK STATE
UNIVERSITY**

Workforce Development - Technicians



Collaborative R&D Capacity - Field Stations



The website header features a large, dark blue banner with a close-up aerial photograph of a wetland area with many green lily pads and brown reeds. Overlaid on the center of the banner is the text "FIELD STATIONS". In the top left corner of the banner, the Sea Grant Virginia logo is positioned next to the WAIC logo, which includes a small circular icon of a sunset over water.

WAIC

ABOUT THIS INITIATIVE | FUNDING OPPORTUNITIES | FIELD STATIONS | CONTACT US

Search ...

RESEARCH REQUEST FORM

FIELD STATION PROPERTY DATA

- ADAMS CREEK
- CAPTAIN SINCLAIR
- DUTCHMAN POINT
- GUINEA MARSH ISLANDS
- PAMTURN
- PERRIN RIVER BRYANT DONATION
- SLOOP LANDING
- SHENK PROPERTY
- WINTER HARBOR

A PUBLIC-PRIVATE RESEARCH PARTNERSHIP

Rural coastal Virginia presents a rare opportunity—numerous publicly owned properties and buildings for real-world product testing and development—an unequalled living laboratory for testing the best climate resilience and adaptation solutions, and the chance to make a positive impact quickly. Explore each of these nine properties that are among the best field station opportunities* for research.

*The total inventory includes over 50 properties and these may also be available to suit individual research requirements.





Economic Impact

First Year

JOBs CREATED	4.5
JOBs RETAINED OR UPSKILLED	11
BUSINESSES ATTRACTED/PARTNERED/RETAINED	9
EXTERNAL EQUITY FINANCING	\$2.1M

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\$13M; 7FTE 1YR.

\$694K ECOLOGICAL SERVICES

\$132M; 70 FTE 10YR.

\$7M ECOLOGICAL SERVICES IN 10YR.

Economic Impact - Industry Cluster Emergence



**BIOGENICS SOLUTIONS
CONSULTING, LLC**

\$900K
Hog Island
restoration




HANBURY



**NORFOLK STATE
UNIVERSITY**



**OLD DOMINION
UNIVERSITY™**



COVA ADAPTATION & RESILIENCE



INSTITUTE FOR COASTAL
ADAPTATION & RESILIENCESM



Coastal Virginia Adaptation & Resilience Consortium

Carol Considine, Director of Applied Projects

Institute for Coastal Adaptation and Resilience, ODU

June 28, 2023

This project was funded in part by GO VIRGINIA, a state-funded initiative administered by the Virginia Department of Housing and Community Development (DHCD) that strengthens and diversifies Virginia's economy and fosters the creation of higher wage jobs in strategic industries.

Coastal Virginia Adaptation and Resilience Consortium



- Mission:
To grow and diversify the coastal adaptation and resilience sector by preparing business communities for changing environments and rising water levels.

- Tag Line
Rising to the challenge of a changing environment.



CoVA Participation Across Sectors



CoVA A&R Consortium Website: CoVArésilience.org



[About](#) ▾ [Get Involved](#) ▾ [Opportunities & Funding](#) ▾ [Resources](#) ▾ [Contact](#)

Coastal Virginia Adaptation & Resilience Consortium

Rising to the Challenge of a Changing Environment

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Explore Your Risk and Protection Options

[Assess Your Risk](#)[Protect Your Facilities](#)[Benefits of Investment](#)

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[Biogenic Solutions Consulting, LLC](#)

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📞 804-815-0272

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🌐 <https://covaresilience.org/>

Living Shoreline Reef Design and Implementation; Oyster
Reef Design/Fabrication/Installation; Des...

Company Name

Russell Burke

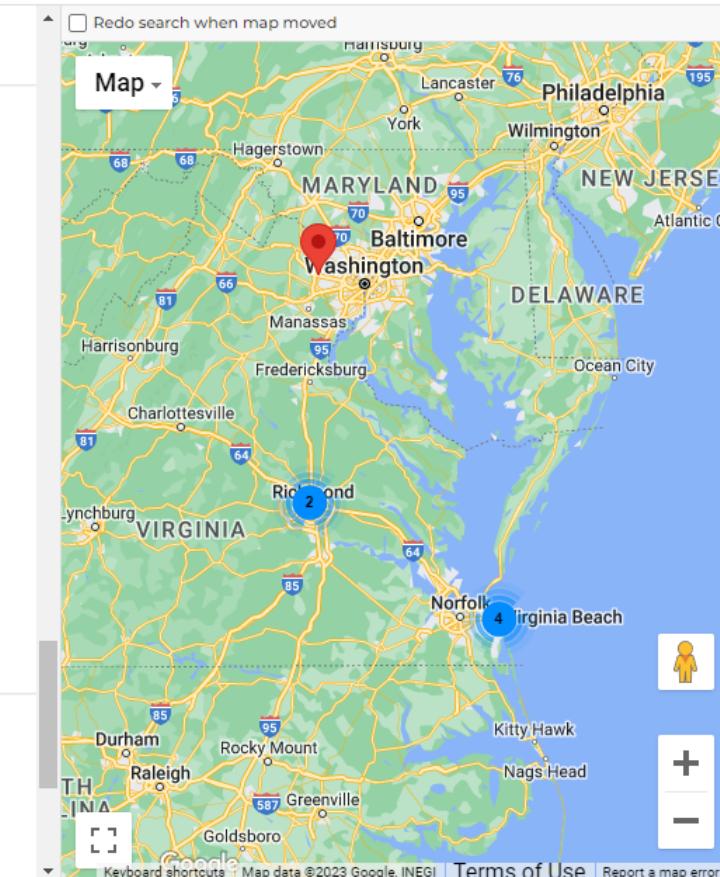
📂 [Environmental](#) ➔ [Permitting](#) ➔ [Shoreline Protection and Management](#) ➔ [Survey/Site Design](#)

[ReadyReef Inc](#)

📍 504 Smoketree Ct North Chesterfield

📞 8043383103

Showing 7 results





Working Groups



CoVA A&R Working Groups define problems, highlight opportunities, discover innovations and promote urban and rural expertise to develop the adaptation and resilience sector.

How CoVA A&R Works

CoVA A&R builds on existing adaptation and resilience efforts across Hampton Roads, the Middle Peninsula, Northern Neck and Eastern Shore, connecting urban and rural communities, municipal governments, nonprofits, planning districts, economic development groups, industry associations and industry sectors.



Opportunities & Funding

In Coastal Virginia's adaptation and resilience economy, businesses, entrepreneurs and nonprofits are rising to the challenge of a changing environment.

Coastal Virginia



Adaptation in Action

See how communities are implementing adaptation and resiliency practices.



Belle Isle State Park

The [Belle Isle State Park Visitor Center Living Shoreline project](#) was a design build project by Resource Environmental Solutions (RES) for Virginia's Department of Transportation (VDOT)

Climate Change Resources

Learn about how the climate is changing in Coastal Virginia.

High Water Watch

[Wetlands Watch High Water Watch](#)
Presented by Wetlands Watch

Subscribe and receive notifications when moderate to high tidal flooding is expected in Tidewater Virginia.



Waze users in Norfolk receive real-time, street-level alerts of flooded roads.



A GIS story map detailing how communities are being impacted by sea level rise and the data that can help.



THANK YOU!

Contact:



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804-832-7463



VIRGINIA SEA GRANT PARTNER UNIVERSITIES

