Sea Grant
VIRGINIA

coastal leadership conference

Where Virginia's Coastal Future Takes Shape

Program Guide and Schedule

October 14 - 15, 2026
Virginia Beach, Virginia
Wyndham Virginia Beach Oceanfront

LIXIL | PROUD SPONSOR OF THE COASTAL LEADERSHIP CONFERENCE

SOLVING THE WORLD'S TOUGHEST WATER AND SANITATION CHALLENGES

›TOGETHER‹



Nutrient Pollution. Water Scarcity. Sanitation Challenges.

No single organization can fix these issues in isolation. We partner directly with public, private, and community leaders to combine expertise, share resources, and deploy targeted technologies where they are needed most.

Let's build resilient coastal communities.

Connect with our team to discuss and explore partnership opportunities.

Thanks to our Sponsors & Exhibitors

William & Mary | VIMS
Batten School of Coastal & Marine Sciences

W&M
VIRGINIA COASTAL RESILIENCE COLLABORATIVE

VIRGINIA AGRICULTURAL EXPERIMENT STATION
VIRGINIA SEAFOOD AGRICULTURAL RESEARCH AND EXTENSION CENTER
VIRGINIA TECH

LIXIL

AQUACULTURE INFORMATION EXCHANGE

Virginia Cooperative Extension
Virginia Tech • Virginia State University

VMRC

INSTITUTE FOR COASTAL ADAPTATION & RESILIENCE
OLD DOMINION UNIVERSITY

NORFOLK STATE UNIVERSITY
DEPARTMENT OF BIOLOGY

University of Virginia
ENVIRONMENTAL INSTITUTE

FlowCam
Yokogawa Fluid Imaging Technologies, Inc.

DCR
Virginia Department of Conservation & Recreation

OCEAN, EARTH & ATMOSPHERIC SCIENCES
OLD DOMINION UNIVERSITY

THE COASTAL SOCIETY

W&M
PUBLIC POLICY

Virginia Coastal Zone
MANAGEMENT PROGRAM

Contact Information

If you need assistance during the conference please find us or contact us by email:



Bayleigh Albert
Digital Storyteller
bialbert@vaseagrant.org



Mona Behl
Virginia Sea Grant Director
mbehl@vaseagrant.org



Sherry House
Financial Officer
slhouse@vaseagrant.org



Madelyn Balser
Digital Experience Manager
mbalser@vaseagrant.org



Jay Clark
Asst. Director for Communications
jtclark@vaseagrant.org



Ashley Tims
Business Operations and Grants Specialist
atims@vaseagrant.org

Conference Center & Hotel Map



WILLIAM & MARY

VIRGINIA COASTAL RESILIENCE COLLABORATIVE

The Virginia Coastal Resilience Collaborative (VCRC) is a synergistic research center increasing the resilience of Virginia's communities through specialized science-based policy analysis, capacity development, and assistance with project conceptualization, funding and execution.



Our Vision

Safe, ecologically healthy, economically resilient Virginia communities provide opportunities for all, including profitable maritime industries and active national defense infrastructure, grounded in community-driven, representative governance structures establishing policies, promoting equitable adaptation to rising sea levels and increasingly unpredictable climate.

At VCRC we work to:

• Lead and promote science-based research and policy analyses • Provide timely and quality consultation services to the Commonwealth • Publish and disseminate science-based information on best practices for coastal resilience • Facilitate idea exchange and information sharing • Support and develop opportunities uniting resilience needs, academic research interests and experiential learning •

Learn more about the services we provide at:

wm.edu/offices/vcrc/

Conference Schedule

Wednesday, October 14

8:00 AM – 8:45 AM	VENDOR SETUP	*ATLANTIC BALLROOM*
8:00 AM	REGISTRATION	*ATLANTIC FOYER*
8:30 AM– 10:45 AM	WELCOME & INTRODUCTION	*ATLANTIC BALLROOM*
9:00 AM – 10:45 AM	**KEYNOTE SPEAKER:** LINWOOD PENDLETON	*ATLANTIC BALLROOM*
10:45AM – 11:00 AM	NETWORKING BREAK	
11:00 AM – 12:00 PM	**VIRGINIA COASTAL FUTURES FORUM**	*ATLANTIC BALLROOM*
12:00 PM – 1:00 PM	LUNCH	*ATLANTIC FOYER & BALLROOM*
1:00 PM – 2:45 PM	RESEARCH TALKS	*COLONY A, COLONY B & C*
2:45 PM – 3:00 PM	NETWORKING BREAK	
3:00 PM – 4:00 PM	TOOLS CAFÉ	MARINER A & B
4:00 PM – 5:00 PM	CONCURRENT PANELS 1 & 2	*COLONY A, COLONY B & C*
5:00 PM – 6:00 PM	EVENING BREAK	
6:00 PM – 7:00 PM	WELCOME RECEPTION	*ATLANTIC FOYER & BALLROOM*
7:00 PM – 8:00 PM	BUFFET-STYLE DINNER	*ATLANTIC FOYER & BALLROOM*

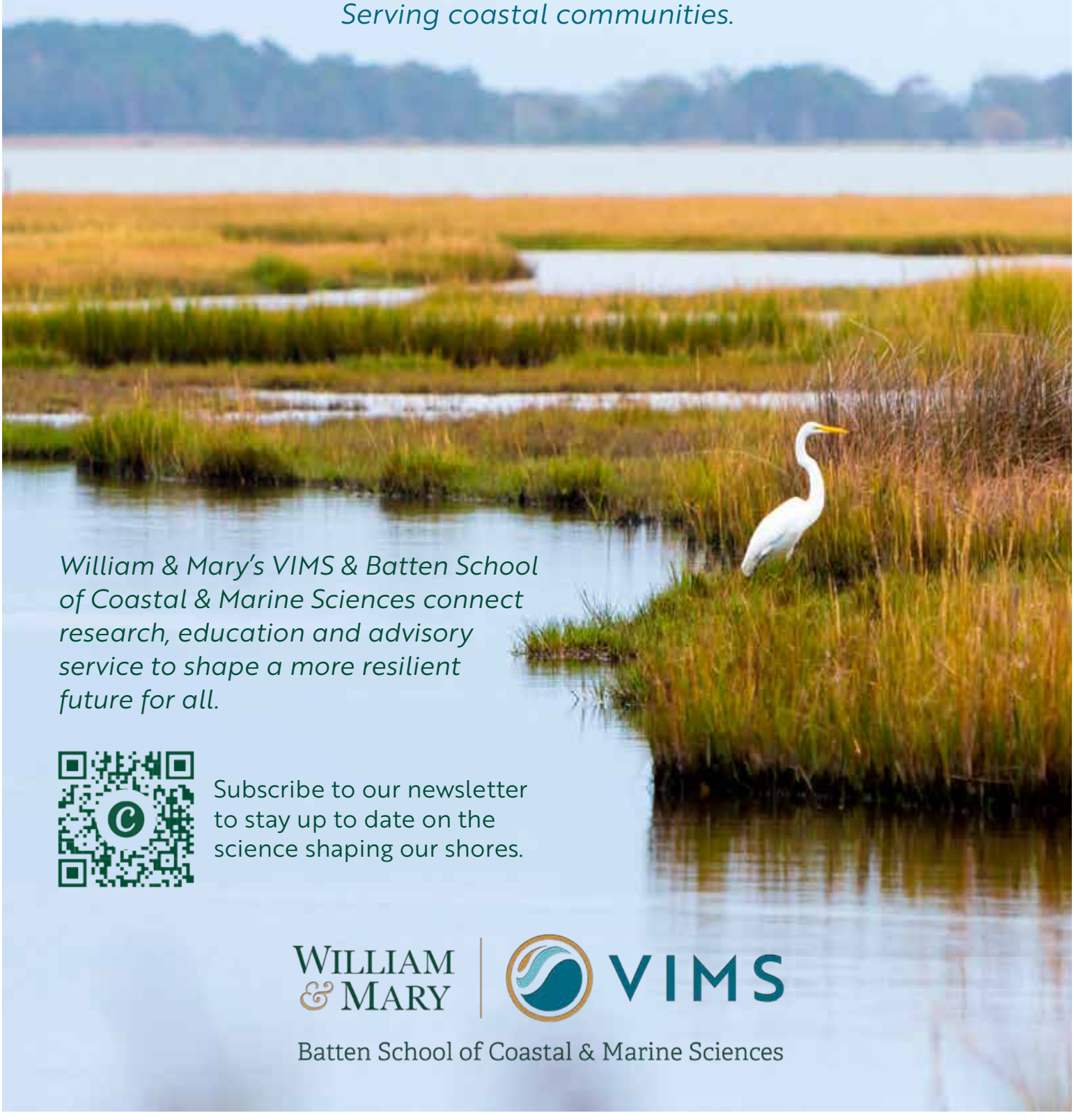
Thursday, October 15

8:00 AM – 9:00 AM	NETWORKING BREAKFAST	*ATLANTIC FOYER & BALLROOM*
9:00 AM – 9:30 AM	RECAP OF DAY 1 - DAY 2 OVERVIEW	*ATLANTIC FOYER*
9:30 AM – 10:30 AM	WORKSHOP 1, PANEL 3	*COLONY A, COLONY B & C*
10:30 AM – 11:00 AM	NETWORKING BREAK/HOTEL CHECK-OUT	
11:00 AM – 12:00 PM	**VIRGINIA COASTAL FUTURES FORUM**	*ATLANTIC BALLROOM*
12:00 PM – 1:00 PM	LUNCH	*ATLANTIC FOYER & BALLROOM*
1:00 PM – 2:45 PM	RESEARCH TALKS	*COLONY A, COLONY B & C*
2:45 PM – 3:00 PM	NETWORKING BREAK	
3:00 PM – 4:00 PM	**VIRGINIA COASTAL FUTURES FORUM**	*ATLANTIC BALLROOM*
4:00 PM – 5:00 PM	WORKSHOP 2, PANEL 4	*COLONY A, COLONY B & C*
5:00 PM – 5:30 PM	CLOSING REMARKS AND ADJOURN	*ATLANTIC BALLROOM*

For information about speakers and panelists, please visit the conference website:
COASTALCONFERENCE.VASEAGRANT.ORG/AGENDA

Our coast. Our future.

Advancing discovery. Educating leaders.
Serving coastal communities.



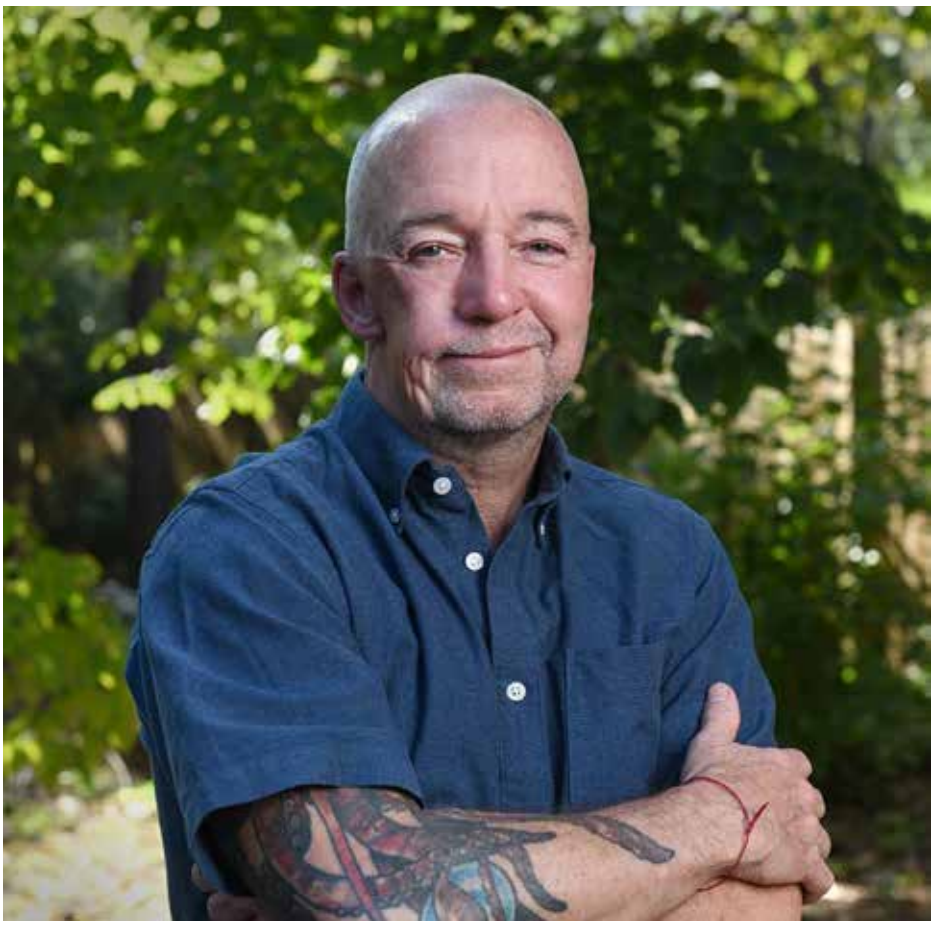
William & Mary's VIMS & Batten School of Coastal & Marine Sciences connect research, education and advisory service to shape a more resilient future for all.

Subscribe to our newsletter to stay up to date on the science shaping our shores.

WILLIAM & MARY | VIMS

Batten School of Coastal & Marine Sciences

Keynote Speaker



COURTESY OF LINWOOD PENDLETON

From the Rappahannock to Rarotonga:

Bridging Science, Policy, and Coastal Community

My family first landed in Essex County, Virginia, in 1674. Fishing, crabbing, swimming, and boating on the Rappahannock River have long been part of who we are.

In 1985, I graduated from William & Mary and set out to see the rest of the world. Since then, I've had the opportunity to hold different kinds of jobs in coastal communities around the planet. I've spent time in boardrooms and classrooms, on big stages and backwaters.

The challenges facing Virginia's coastlines are significant, but our capacity to adapt is stronger when we understand each other and act together. In this keynote, I'll share experiences from my own career about how I have learned to work with coastal leaders across many cultures. I'll talk about how "immersion learning" helped me make Santa Monica Bay cleaner for swimmers, protect a big wave surf spot, and led to the recognition of "blue carbon" as a legitimate tool for meeting climate targets. We will move beyond the traditional lecture using collaborative approaches I've learned in the course of my work. We will participate in exercises designed to break down silos, build trust, and forge new connections. By the end of our time together, I think you will leave with new ideas, actionable tools, and a strengthened network, ready to continue your vital work in securing a resilient future for Virginia's shores.

LinkedIn: https:/www.linkedin.com/in/linwoodpendleton/

Wikipedia: https:/en.wikipedia.org/wiki/Linwood_Pendleton

Linwood Pendleton

Global Coordinator
Ocean Knowledge Action Network

Science Director
Moonjelly Foundation

International Chair of Excellence
Université de Bretagne Occidentale

Université de Bretagne Occidentale

I hold the International Chair of Excellence at the European Institute for Marine Studies at the University of Western Brittany in France. I'm the Global Coordinator of the Ocean Knowledge Action Network and the Science Director of the Moonjelly Foundation. I have had the chance to hold a number of academic posts. I was a tenured associate professor at UCLA and an assistant professor at the University of Southern California and the University of Wyoming. I've also tried my hand at a number of non-academic posts. I was the Senior Vice President for Science at the Centre for the 4th Industrial Revolution: Ocean; Global Lead for Ocean Science at the World Wildlife Fund (WWF); and Director of Ocean and Coastal Policy at Duke University's Nicholas Institute for Environmental Policy Solutions. I served as the Acting Chief Economist for the National Oceanic and Atmospheric Administration.

At the global level, I participated in a number of UN processes, including time spent as a member of the Executive Planning Committee and the Interim Advisory Board for the UN Decade of Ocean Science for Sustainable Development and later as a member of the Advisory Board of the UN Decade on Ecosystem Restoration.

I grew up along the tributaries of the Chesapeake Bay in Virginia where we crabbed and I fished with my dad to fill our freezer for the winter. Since then I have worked to make coastal areas better places for people. My research with Suzie Givens and Ali Boehm led to the U.S. EPA's first fines for contaminated beach water (TMDLs). Today, I lead a global network that connects ocean professionals and scientists around the world. My current research focuses on facilitating the sharing of knowledge across Indigenous coastal communities.



NORFOLK STATE UNIVERSITY

DEPARTMENT OF **BIOLOGY**



ABOUT THE PROGRAM

The Department of Biology strives to develop young scholars who are able to evaluate and communicate knowledge, make ethical decisions, and play an active and productive role in their communities. The Department of Biology prepares students for a diversity of career options through three courses of study.

DEGREE PROGRAMS

BS. Biology - General – Enables students to pursue a graduate degree or employment at the bachelor level.
BS. Biology - Teachers' licensure – Enables students to teach at the elementary or high school level.
BS. Biology - Pre-professional – Provides a strong background for students interested in post graduate training in areas such as medicine, dentistry, veterinary medicine, optometry, and pharmacy.



CONNECT TO YOUR **CAREER**

RESEARCH *to* ACTION

The UVA Environmental Institute supports research and training at the intersection of environmental change and human well-being with a focus on:

Creating Solutions with Communities

Training the Next Generation

A Collaborative Community



The Institute creates solutions for a more resilient and sustainable future.

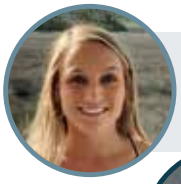
UNIVERSITY of VIRGINIA

ENVIRONMENTAL INSTITUTE

ENVIRONMENT.VIRGINIA.EDU

Virginia's Evolving Fisheries

Wednesday, October 14 *11:00 AM – 12:00 PM ATLANTIC BALLROOM*



Shelby White
Marine Business Specialist, VIMS Marine Advisory Program



Michael Schwarz
Associate Director, Virginia Tech VSAREC



Michael Bednarski
Chief of Fisheries, VA DWR



Troy Tuckey
Senior Research Scientist, VIMS



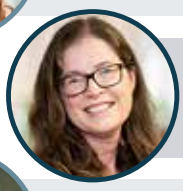
Ethan Simpson
Chief, Fisheries Management, VMRC

Restoring for Tomorrow: Rethinking Coastal Restoration in a Changing Climate

Thursday, October 15 *11:00 AM – 12:00 PM ATLANTIC BALLROOM*



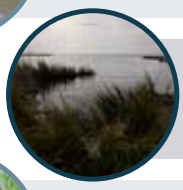
Erin Reilly
Conservation and Restoration Coordinator, CBNERR-VA



Molly Mitchell
Assistant Professor, VIMS Center for Coastal Resources Management



Jeff Flood
Senior Coastal Planner, VA DEQ Coastal Zone Management



Bruce Vogt
Ecosystem Science and Synthesis Manager, NOAA Chesapeake Bay Office



Mary-Carson Stiff
Executive Director, Wetlands Watch

Virginia Coastal Futures Forum

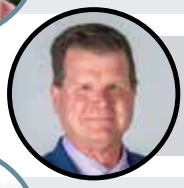
Beyond the Science: Demonstrating the Value of Coastal Investment

Thursday, October 15

3:00 PM – 4:00 PM ATLANTIC BALLROOM



Jacqueline Rondeau
Director of Employer Engagement – Maritime, Hampton Roads Workforce Council



Robert McNab
Chair, Department of Economics and Director of the ODU Dragas Center for Economic Analysis and Policy



Charles Clark
Research Associate, Virginia Tech VSAREC



Carol Considine
Director of Applied Projects, ODU ICAR



Mona Behl
Director, Virginia Sea Grant

Tools Café

Wednesday, October 14

3:00 PM – 4:00 PM MARINER A & B

Cannon Cline: Climate Impacts on Coastal Agriculture: An Interactive Storymap Resource for Building Community Resilience

Madelyn Shelton: Ocean Health Detectives: Marine Pathology at VIMS

Mahshid Ahmadian: Fish Trajectory Tool: Reconstructing fish Movement from Incomplete Acoustic Telemetry Data

Mark Brush: L-SNiPS: An Online Decision-Support Tool for Computing Nutrient and Sediment Removals by Living Shorelines

Savannah Lynn: CoastWise: Modern Python Tools for SWMM Modeling and Web Scale Stress Testing

Stephanie Letourneau: The Sea Level Rise App: A Tool for Translating Local Knowledge to Actionable Data

Celia Cackowski: BRIDGE Ocean Education Resource Center: What's New and What's Next!

Loreley Kincel: "Seaing" from a Bird's-Eye View: Remote Sensing in Coastal Conservation

Panel Discussions

Wednesday, October 14

(CONCURRENT) 4:00 PM – 5:00 PM

Panel 1: Is There Room on The R.A.F.T for Me? Lessons Learned from Partnering with Communities to Advance Resilience

CAPE COLONY A

Ben McFarlane, Chief Resilience Officer, Hampton Roads Planning District Commission — **Moderator**

Andrew Larkin, J.D., Assistant Director, Old Dominion University Institute for Coastal Adaptation & Resilience

Elizabeth Andrews, J.D., Distinguished Law & Policy Fellow

Wendy Stout, Ph.D., Director, Virginia Tech Coastal Collaborator Center

Tammy Rosario, Assistant Director, James City County Community Development

Panel 2: From Research to Impact: Building Your Broader Impacts Identity Through Education and Outreach

CAPE COLONY B & C

Lisa Lawrence, Associate Director of Strategic Initiatives & Broader Impacts, VIMS Office of Outreach & Engagement — **Moderator**

Sarah Nuss, Director, Office of Outreach & Engagement, William & Mary Batten School & VIMS

Bethany Smith, Assoc. Dir., Formal Education, Office of Outreach & Engagement, William & Mary Batten School & VIMS

Kristen Sharpe, Assoc. Dir., Outreach & Engagement, Office of Outreach & Engagement, William & Mary Batten School & VIMS

Madison Griffin, Ph.D. Student and VASG Graduate Fellow, William & Mary Batten School & VIMS

Thursday, October 15

9:30 AM – 10:30 AM

Panel 3: Health on the Half Shell

CAPE COLONY A

Lauren Huey, Director of Environmental Communication, Green Fin Studio — **Moderator**

Karen Hudson, Shellfish Aquaculture Specialist, VIMS Marine Advisory Program

Ryan Carnegie, Professor and Chair of Ecosystem Health, William & Mary – VIMS Batten School of Coastal & Marine Sciences

Chris Smith, Virginia General Manager, Atlantic Aqua Farms & Mobjack Bay Lease Holdings

4:00 PM – 5:00 PM

Panel 4: Nature Based Solutions for Coastal Resilience: Understanding the Protective Role of Submerged Aquatic Vegetation

CAPE COLONY A

Dr. Jessica Whitehead, Executive Director, ODU Institute for Coastal Adaptation and Resilience — **Moderator**

Hyun Dong Kim, Assistant Professor, ODU Department of Civil & Environmental Engineering

Dr. Temitope Idowu, Assistant Professor, ODU Department of Civil & Environmental Engineering

Dr. Lisa Wang, Assistant Professor, ODU Department of Civil & Environmental Engineering

Dr. Sina Razzaghi Asl, Assistant Professor, ODU Department of Political Science and Geography

Dr. Abdullah Braik, Assistant Professor, ODU Department of Civil & Environmental Engineering

Workshops

The Elevator Pitch



Thursday, October 15 *9:30 AM – 10:30 AM CAPE COLONY B & C*

Lisa Cantrell
Executive Director, Capital Storytelling

This workshop is intended to guide participants step-by-step through building their own compelling, clear, and focused elevator pitch—specifically around their research—and then honing it to 90 seconds. By the end of the session, participants will have a draft of a 90-second elevator pitch and 1-2 short anecdotes that they can use to illustrate their research.

Mentoring Workshop



Thursday, October 15 *4:00 PM – 5:00 PM CAPE COLONY B & C*

Babs Bengston
Owner/Chief Learning Officer, 2B Your Best

In this workshop, the roles of mentor and mentee will be examined within the unique challenges of a Sea Grant, an organization that is place-based, mission-focused, and research-oriented. Attendees will learn practical applications they can employ immediately to have a healthy, productive, and rewarding workplace relationships.



Research Talks

Wednesday, October 14 *1:00 PM – 2:45 PM*

Improving the Health of our Coastal Ecosystems

CAPE COLONY A

Damien Taylor: Investigating the 2023 dieback of SAV in the Gunpowder River, Maryland

Eric Liu: Spartina alterniflora: Spatial and temporal variability in flowering, seed production, and germination

Jacob Gallaher: Species Composition Driving Seasonal Patterns of Seagrass in Delmarva Coastal Bays

Sarah Karpanty: Learning on the fly: management and monitoring of Virginia's largest seabird colony during in-progress restoration efforts

Savannah Atchley: Evaluating Marsh Vulnerability at the Virginia Coast Reserve Through UVVR Analysis and Field-Based Ground Truthing

Leah Sattler: Uprooting Invaders: Managing Invasive Plants

Mark Brush: L-SNiPS: An Online Decision-Support Tool for Computing Nutrient and Sediment Removals by Living Shorelines

Promoting Sustainable Fisheries, Aquaculture, and Ecosystem Health

CAPE COLONY B & C

Ria Salway: Understanding physiological differences between diploid and triploid oyster seed exposed to high temperature and ocean acidification stressors

Richard Youngk: Changing Oyster Aquaculture

Emily Ogawa: Microplastic concentrations in zooplankton collected in Virginia waters

Heidi Mann: An exploration of lagged freshwater insect responses to environmental variables: a case for asynchronous freshwater analysis

Stephen Via: Evaluating Small Scale Harvest and Recovery of Native Wetland Grasses

Suresh Subedi: The Role of Native Soil Microbes in Enhancing Coastal Plant Resilience

Ashley Berniche: The Hutton Effect: Evaluation Long-Term Education and Career Outcomes of High School Fisheries Science Internship Participants

For information about speakers and panelists, please visit the conference website:

COASTALCONFERENCE.VASEAGRANT.ORG/CONFERENCE-SPEAKERS

FIND YOUR PLACE

Protecting Virginia's Marine Resources



Habitat

Preserving Virginia's wetlands, shorelines and coastal resources.

FISHERIES

Managing Virginia's fisheries through science and stewardship.

VMRC

Virginia Marine Resources Commission

GUARDIANS OF THE CHESAPEAKE BAY



Shellfish

Restoring oyster reefs and sustaining Virginia's shellfish resources.

Marine Police

Protecting Virginia's waters through enforcement, education and public safety.

Explore careers with Virginia Marine Resources Commission.

Research Talks

Thursday, October 15 *1:00 PM – 2:45 PM*

Building Resilience into Our Communities and Economies

CAPE COLONY A

Andrew McKinley: Working with Water: Designing for Sea Level Rise

Nick Carpenter: Eyes in the Sky, Tides on the Street: Drone Mapping Frequent Flooding's Toll on Coastal Roads

Trang Le: From Waterfront Owners to Practitioners: Understanding the Human Dimensions of Living Shoreline Implementation in Virginia

Md Shadman Sakib: Compound Effects of Tropical Cyclone and Nonlinear Vertical Land Motion on Salinity Dynamics in Coastal Wetlands of the Chesapeake Bay

Sina Razzaghi Asl: SECURE-NBS: A Framework for Equitable and Scalable Nature-Based Flood Resilience in Coastal Communities

Mahshid Ahmadian: Wildfire Smoke and the Health Effects That Linger

Strengthening and Expanding Our Talent Pool

CAPE COLONY B & C

Nina Jones: Catch the King 2025: Community Science Flood Model Derivation and Validation

Julie Shortridge: Leveraging Cooperative Extension to build resilience in rural agricultural communities: lessons from Extension professionals in Virginia, Delaware, and Maryland

Zlatka Rebolledo Sánchez: Beyond the lab: Rethinking how we share our science

Jackie Okao: Safe Shores for All: Building Equitable, Community-Centered Drowning Prevention Policy in Coastal Virginia

Camila Aquilar Perez: If Nature Protects Us, Who Protects Nature?

Laura Costadone: From Reviews to Value: Harnessing Crowdsourced Data to Capture Visitor Perceptions and Economic Benefits of Recreation

Natalie Kletsch & Donya Mohamed: Love at First Site! Connecting Landowners and Conservation Professionals to Advance Restoration Opportunities in Virginia

For information about speakers and panelists, please visit the conference website:

COASTALCONFERENCE.VASEAGRANT.ORG/CONFERENCE-SPEAKERS

Flood Awareness



Anywhere it can rain it can flood.
Are you ready?

dcr.virginia.gov/flood

aquainfoexchange.org

AQUACULTURE INFORMATION EXCHANGE



Learn
Share
Connect

The Online Community for the U.S. Aquaculture Industry

A space for aquaculture experts to connect with collaborators, engage in topic-based discussions, and form project-based work groups that include:

• Growers • Hatcheries • Researchers • • Universities • Students • Agencies •

Supported by USDA NOAA

Membership is free!

JOIN TODAY

Hosted by Sea Grant VIRGINIA

INSTITUTE FOR COASTAL ADAPTATION & RESILIENCE
OLD DOMINION UNIVERSITY

Developing Practical Solutions to Challenges Faced by Coastal Communities

Founded at ODU in 2021 the Institute for Coastal Adaptation and Resilience (ICAR) is a national center for the science and practice of coastal resilience. ICAR's mission is to advance the practice of coastal resilience and adaptation by engaging with communities, organizations, and businesses to develop and deploy solutions based on integrated, innovative, and applied research.

Focus Areas

Learn more at oduadaptationandresilience.org



Research into Action



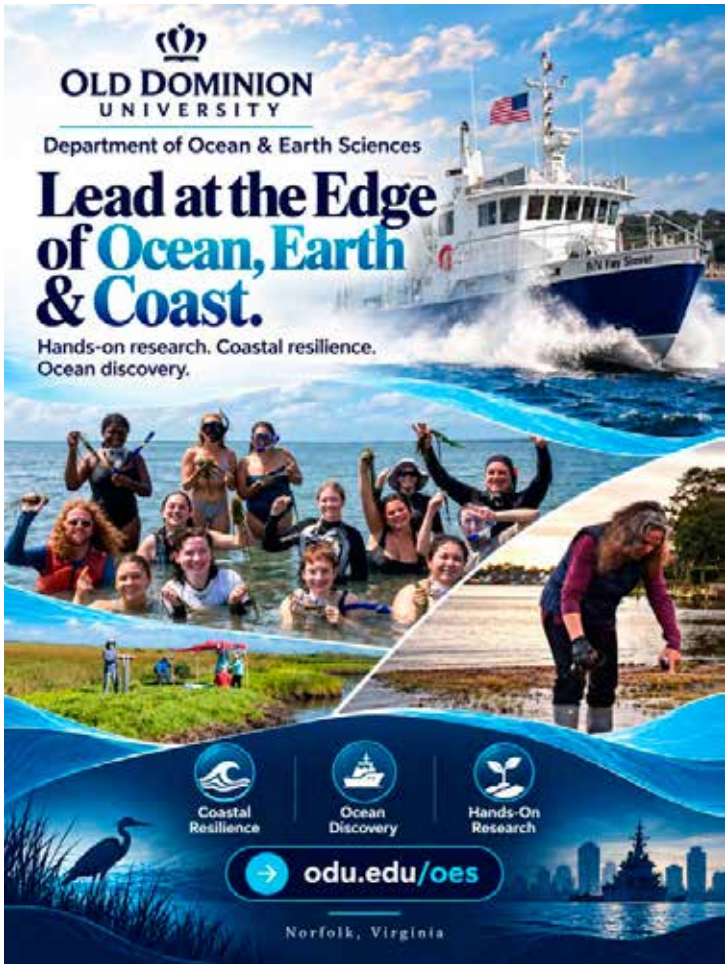
Community Collaborations



Resilient and Adaptable Communities and Partnerships

Poster Presentations

1. *The Effect of Coal-Tar Creosote Concentration on Native Soft Rush (Juncus Effusus),* Anyia Hardy, Norfolk State University
2. *Who Eats What? Comparing Predator Diets in the Potomac River,* Danayja Cranford, Norfolk State University
3. *Modeling the Impact of Derelict Crab Traps on the Chesapeake Bay Food Web,* Danielle Recco, William & Mary | VIMS Batten School of Coastal & Marine Sciences
4. *Comparison of plant communities in stormwater BMPs and adjacent lawns at NSU,* DeAnthony Neal, Norfolk State University
5. *Leveraging Cooperative Extension for Climate Resilience: Challenges and Opportunities in Agricultural Communities,* Delaney Owens, Virginia Tech
6. *Virginia native dune grasses and climate warming,* Emily Riffe, Virginia Commonwealth University
7. *Spartina alterniflora: Spatial and temporal variability in flowering, seed production, and germination*, Eric Liu, Old Dominion University
8. *Assessing Nutrient Levels in Knitting Mill Creek,* Norfolk, VA, Janae Brown, Norfolk State University
9. *Exploring Bacteriophage in Coastal Ecosystem Communities of the Elizabeth River,* Julia Raveneau, Norfolk State University
10. *Oyster clearance rates as a proxy for pathogen removal,* Juliana Rosso, William & Mary | VIMS Batten School of Coastal & Marine Sciences
11. *Piscivory in the Potomac: using floating predation event recorders (PERs) to assess relative predation risks in the tidal freshwater ecosystem,* Kelly Benyo, William & Mary | VIMS Batten School of Coastal & Marine Sciences
12. *Response to Coal Tar Creosote on Marsh Fimbry,* Kyia Branch, Norfolk State University
13. *Quantifying Seasonal Variability in SAV Extent and Density in the Pocomoke Sound,* Maria Guardado, Old Dominion University
14. *Compound Effects of Tropical Cyclone and Nonlinear Vertical Land Motion on Salinity Dynamics in Coastal Wetlands of the Chesapeake Bay,* Md Shadman Sakib, Virginia Tech
15. *Capturing Dissolved Organic Carbon Dynamics in Hog Island Bay using Satellite Remote Sensing and Field Measurements,* Meara Tolentino, University of Virginia
16. *Effects of Tannins on Betta splendens,* Miekiah Buster, Norfolk State University
17. *Eyes in the Sky, Tides on the Street: Drone Mapping Frequent Flooding's Toll on Coastal Roads,* Nick Carpenter, Old Dominion University
18. *Integrating multispectral remote sensing and field observations to map nutrients in Chesapeake Bay,* Nivedita Priyadarshini Kamaraj, Virginia Tech
19. *Identification of Salt-Stress-Regulated Proteins in Plants Using 2D Gel Electrophoresis,* Nyla Mitchell, Norfolk State University
20. *Flooding and Mental Health in Coastal Virginia: Evidence from Hampton Roads,* Prasanthi Chidipudi, Old Dominion University
21. *Effects of Coal Tar Creosote-Contaminated Elizabeth River Sediment on Pennywort (Hydrocotyle umbellata),* Prayer Brown, Norfolk State University
22. *Impacts of projected sea level rise and storm intensification on storm surge flooding within coastal communities: A Case Study of Norfolk, Virginia, USA*, Rachel Weghorst, University of Virginia
23. *Long-term trends in a tidal freshwater ecosystem before and after Northern Snakehead (Channa argus) introduction,* Riley Moreau, George Mason University
24. *Strategic Monitoring of Pelagic Primary Production and Respiration in Support of the Chesapeake Bay Aquaculture Industry,* Sara Blachman, William & Mary | VIMS Batten School of Coastal & Marine Sciences
25. *Whose Science Do You Believe? Contested Credibility in Virginia's Offshore Wind Debate,* Suleiman Abdulsalam, Virginia Tech
26. *Establishing Terrestrial and Topobathyic LiDAR Routines for Coastal Resilience in Hampton Roads,* Thomas Brady, Old Dominion University
27. *Increasing knowledge of water quality impacts from runoff in coastal communities,* Xavia Sampson, Clark Atlanta University
28. *Lessons Learned from Virginia Sea Grant Internships focused on Coastal Stormwater Water Quality and Community Outreach,* Ysabel Wells, Jesse Gutierrez, Longwood University
29. *Pre-production Plastic Pellet Best Management Practices,* Zane Ruzicka, University of Virginia
30. *Tangier Island-Establishing a Baseline for Microplastics Pollution,* Tawny Bowis, Northumberland High School





WILLIAM & MARY
MASTER OF PUBLIC POLICY

Our two-year Master's in Public Policy (MPP) is a full-time on-campus degree program based on William & Mary's main campus in Williamsburg, Virginia. Why choose William & Mary?

• Excellent faculty • Well-rounded curriculum •
• Opportunities for applied learning •
• Outstanding career placement •
• Competitive price and financial support •

For more information, visit:.
www.wm.edu/publicpolicy/

FlowCam

High-Speed Imaging for Plankton Research & HAB Monitoring

Capture critical biological shifts and gain ecosystem insights by scaling your plankton observation capacity



40 Years a Coastal Constant!



Virginia Coastal Zone Management Program

Celebrating the power of collaboration in finding solutions to an ever-changing landscape of challenges.

Virginia Coastal Zone
MANAGEMENT PROGRAM
40 YEAR ANNIVERSARY 1986-2026

A network of state agencies and coastal localities lead by the Virginia Department of Environment Quality and funded by NOAA, Office of Coastal Management.









Virginia Cooperative Extension

Virginia Tech • Virginia State University

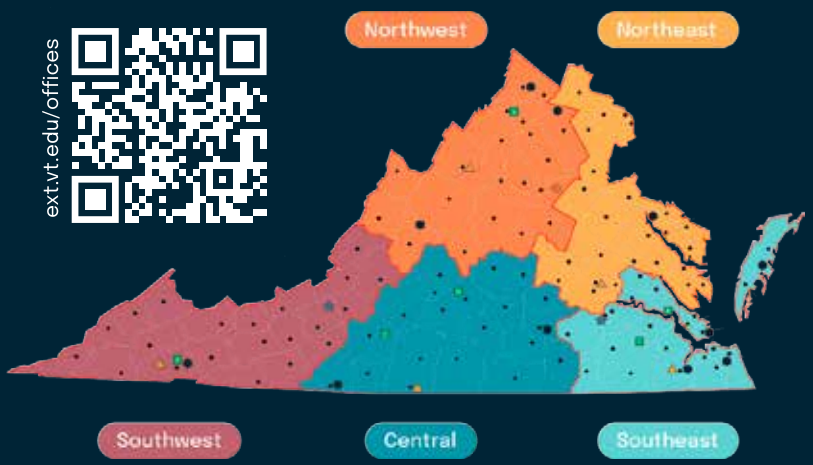
Bringing the research knowledge of Virginia's land-grant universities – Virginia Tech and Virginia State University – to **communities across the commonwealth.**

We connect coastal communities with research-based solutions that support a thriving seafood industry, resilient communities, and strong economies.

Find your local Extension office!

ext.vt.edu/offices

ext.vt.edu



@ VirginiaCooperativeExtension

Virginia Cooperative Extension is an EEO employer.