

VASG and the Water Management Economy



June 20, 2018

Joint Subcommittee on Coastal Flooding

In Collaboration With



Sea Grant & Virginia Sea Grant

- Federal-State, University-based Partnership
- Virginia Sea Grant College Program
 - Seven-university (VIMS/W&M, UVA, VT, GMU, JMU, ODU, VCU)
 - Research and graduate & post-grad fellowships
 - Outreach and extension
 - Communication and management activities
- Invest in People Strategy – Professional Development

Public-Private Partnerships

- Summer resilience research fellows and post-graduate resilience fellows



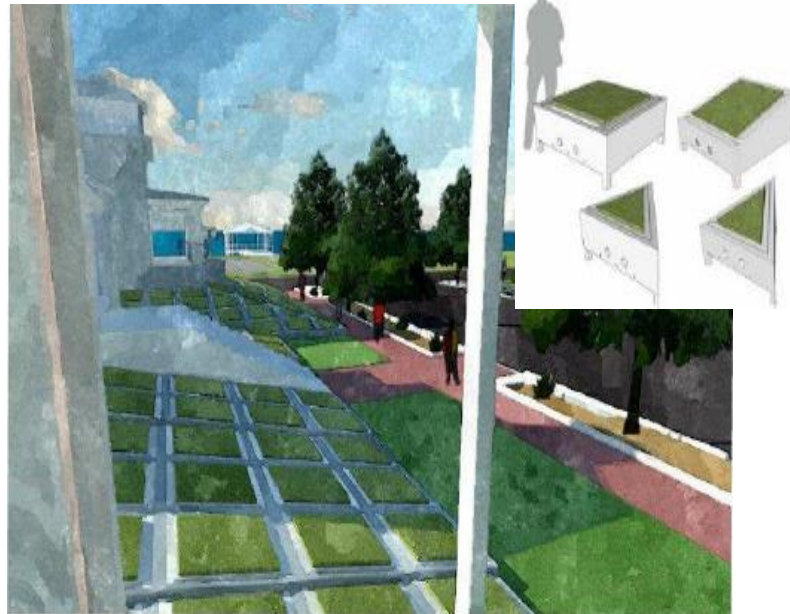
CLARK NEXSEN



Dewberry®

Origins of GO Virginia project

- Chesterfield Heights → \$120M HUD



GO Virginia – Region 6 grant

- Water Management Economy: Louisiana Experience



Currently: 118,370 jobs with average wage of \$82,778

23.4% growth in sector by 2027

Learning from Louisiana

- Nov 2, 2018. Williamsburg

Stephen Moret, President & CEO of VA Economic Development Partnership (and former Secretary of Louisiana's Department of Economic Development)

John Davies, President, Baton Rouge Area Foundation

Justin Ehrenwerth, President & CEO, Water Institute of the Gulf and housed on the LSU Water Campus.

Jeff Carney, Director, LSU Coastal Sustainability Studio and housed on the LSU Water Campus.

Robert Twilley, Director, LA Sea Grant and Chairman of Board for Coastal Sustainability Studio.

Work Group Meetings

- 2018 & 2019 (Three total)
 - Participants
 - Universities and Community Colleges
 - Local government
 - State government
 - NGOs – economic development, business incubators, green infrastructure
 - Industry
 - Foundations
 - General Assembly members

Virginia's "water campus"

- Mapping our capacity
 - Cross-regions, multi-university, multi-sector resilience landscape:
 - Workforce development,
 - R&D infrastructure & systems,
 - Innovation & commercialization,
 - Entrepreneurship & business development,
 - Funding & capital, etc.
 - Leverage blue/green assets

Roadmap forward

- Toward Virginia's water management economy
 - Framework & Tools: Draft MOUs and Cooperative Agreements
 - Communication, coordination and collaboration pathways
 - Roles & responsibilities of parties
 - Partnership opportunities
 - Recommendations:
 - Identify key strategic workforce and innovation opportunities
 - Identify key gaps in economic development system.



Sea Grant

Virginia

In Collaboration With

VIMS | WILLIAM
& MARY
VIRGINIA INSTITUTE OF MARINE SCIENCE

UNIVERSITY
of VIRGINIA

VirginiaTech
Invent the Future

VCU
VIRGINIA COMMONWEALTH UNIVERSITY

GEORGE
MASON
UNIVERSITY

OLD DOMINION
UNIVERSITY

WILLIAM & MARY

JAMES
MADISON
UNIVERSITY