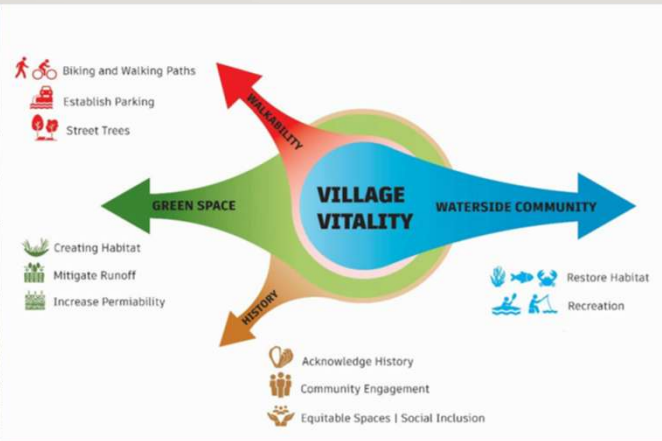
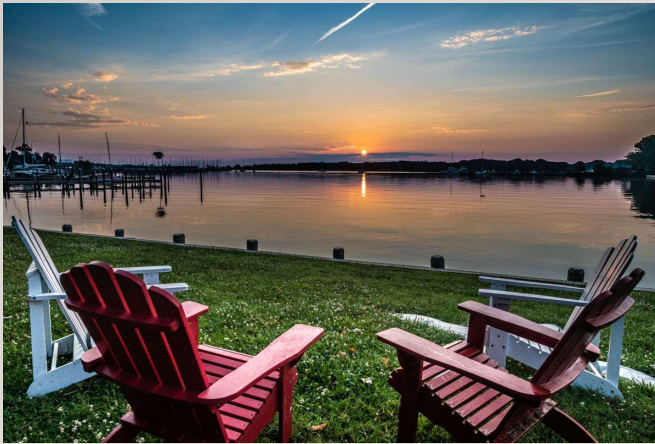




WELCOME TO THE GALESVILLE TOWN HALL

MARCH 19, 2026



WELCOME

- Introduction – Buz Winchester
- Meeting Purpose
 - Where we've been
 - Where we're headed
 - What do you think?
- Agenda
 - Activities
 - CERF
 - Focus Areas
 - April Town Hall/Workshop
 - Open Forum

WELCOME

- Envision Committee Members
 - Dan Cinelli
 - Bill Gibbons
 - Cathy Oliver
 - George Pavlik
 - Dorothy Whitman (new GHS Liaison)
 - Mary Tod Winchester

ENVISION GALESVILLE - A SHARED COMMUNITY VISION

- Developed by the WRIA, GHS, GCCO and the community
- Approved May 2, 2022
- Seven Guiding Principles
 - **Historic Preservation**
 - Preserve and repurpose select historic buildings and properties
 - **Commercial, Maritime and Residential Redevelopment**
 - Invigorate small-scale community-oriented commercial enterprises
 - Revitalize the public waterfront to welcome and engage residents and visitors
 - Support a variety of housing types, including senior and affordable housing

ENVISION GALESVILLE - WRIA, GHS, GCCO VISION

- **Vehicle, Pedestrian and Bicyclist Safety/Connectivity**

- Improve vehicle, bicycle safety and pedestrian transportation options and safety (walkability along Main St and Riverside Dr)
- Address ADA accessibility near and along the waterfront
- Address parking issues
- Explore and assess public transportation (roadway and waterway)

- **Environmental Stewardship**

- Address water quality using best management practices (BMP)
- Improve stormwater management using nature-based design
- Increase natural habitats

ENVISION GALESVILLE - WRIA, GHS, GCCO VISION

- **Social Interaction, Recreation and Education**

- Create of one or more “town centers” where visitors and neighbors can gather and engage with each other
- Expand accessibility and use of local parks - Hot Sox Field/Park, Moreland Field, Dixon Park, and ballfields
- Create more educational opportunities (environment, historical)
- Improve visitor and resident opportunities to view and enjoy natural areas

ENVISION GALESVILLE - WRIA, GHS, GCCO VISION

- **Diversity, Equity and Inclusion**
 - Community input encouraged, heard and valued
 - Collaboration and support for community events and projects
- **Governmental/Private Cooperation and Collaboration**
 - Support local small-scale businesses
 - Protect the environment
 - Enhance Galesville's infrastructure

ENVISION GALESVILLE 2.0

- WRIA initially formed a committee to focus on the waterfront and Riverside Drive
- The committee focus evolved to encompass the entire Galesville peninsula
 - Develop a community-driven Galesville Master Plan to achieve Envision Galesville Principles
- **Arundel Rivers Federation**
 - Galesville Memorial Hall & GHS stormwater runoff grants
- **Resilience Authority of Annapolis and Anne Arundel County**
 - Support grants to prepare for sea level rise, flooding, heat waves and other weather events
- **National Park Service**
 - Chesapeake Gateways opportunity
- **Other Partnering and Funding Opportunities**
 - University of Maryland Sea Grant Program
 - Chesapeake Bay Foundation
- **Visit Annapolis and Anne Arundel County**
 - Chesapeake Bay Passenger Ferry

COMMITTEE ACTIVITY HIGHLIGHTS

- **Coastal Estuarine Research Federation (CERF) Biennial Conference and Student Competition**
 - Held in Richmond, VA on November 9 -13, 2025
 - Student Coastal Design Competition: Building Resilience in Galesville, MD for a Collaborative Future Vision
- **National Park Service (NPS) Tech Support (in progress)**
 - Grant awarded to the WRIA to have the Volpe Center assist in the development a Master Plan Scope of Work
 - Work directly with the WRIA and community to define goals **April 8th Town Hall/Workshop**
 - Identify potential funding sources
- **Chesapeake Bay Trust - Watershed Assistance Grant Program (WAGP) - Awarded!!!**
 - Provides funding for early-stage watershed restoration and planning projects
 - Focus on Galesville Road-Main Street project design

CERF

WHAT IS CERF?

Coastal and Estuarine Research Federation (CERF)

- An international not-for-profit multidisciplinary organization, from 25 countries, founded in 1971 to study the **structure and functions of coastal ecosystems and the effects of human activities** on these environments
- Biennial conferences are held to discuss **emerging scientific trends, new technologies,** and use artificial intelligence to address ecosystems effects
- The conferences promotes mentorship through **student competitions**
- The 2025 conference theme: “**Estuaries: Tradition and Transition**” to encompass the history of estuarine research while understanding emerging challenges and future opportunities

CERF COMPETITION

- **Galesville was nominated by the Resilience Authority of Annapolis and Anne Arundel County and selected for the CERF 2025 Student Coastal Design Competition**
- The 2025 conference and competition were held **November 9 -13, 2025 in Richmond,VA**
- The competition has been an initiative since 2019 to inspire students and faculty across disciplines to work together in **proposing innovative design solutions and strategies to make coastal environments more resilient** in the face of coastal impacts of climate change
- Competition theme:

Building Resilience in Galesville, MD
for a Collaborative Future Vision

COMPETITION GUIDELINES

- **Promote coastal resilience and adaptation** by designing systems and solutions that reduce vulnerability of coastal communities
- **Utilize that research to meet or respond to the local community interests or needs,** showing design solutions that increase the research “impact” or relevance; and how actions affect research by showing design solutions using interdisciplinary techniques
- **Engage in problem-solving that elevates the voices and needs of community** in a collaborative, co-production model

UNIVERSITY PARTICIPANTS

Five Finalists

- National University of Singapore - 1st Place
- Anne Arundel Community College and University of Maryland Center for Environmental Science - 2nd Place
- University of Washington Tacoma - 3rd Place
- James Madison University – Honorable Mention
- Kendall College of Art and Design and Ferris State University – Honorable Mention

STUDENT PROPOSAL IDEAS WORTH DISCUSSING

AREAS DEEMED IMPORTANT

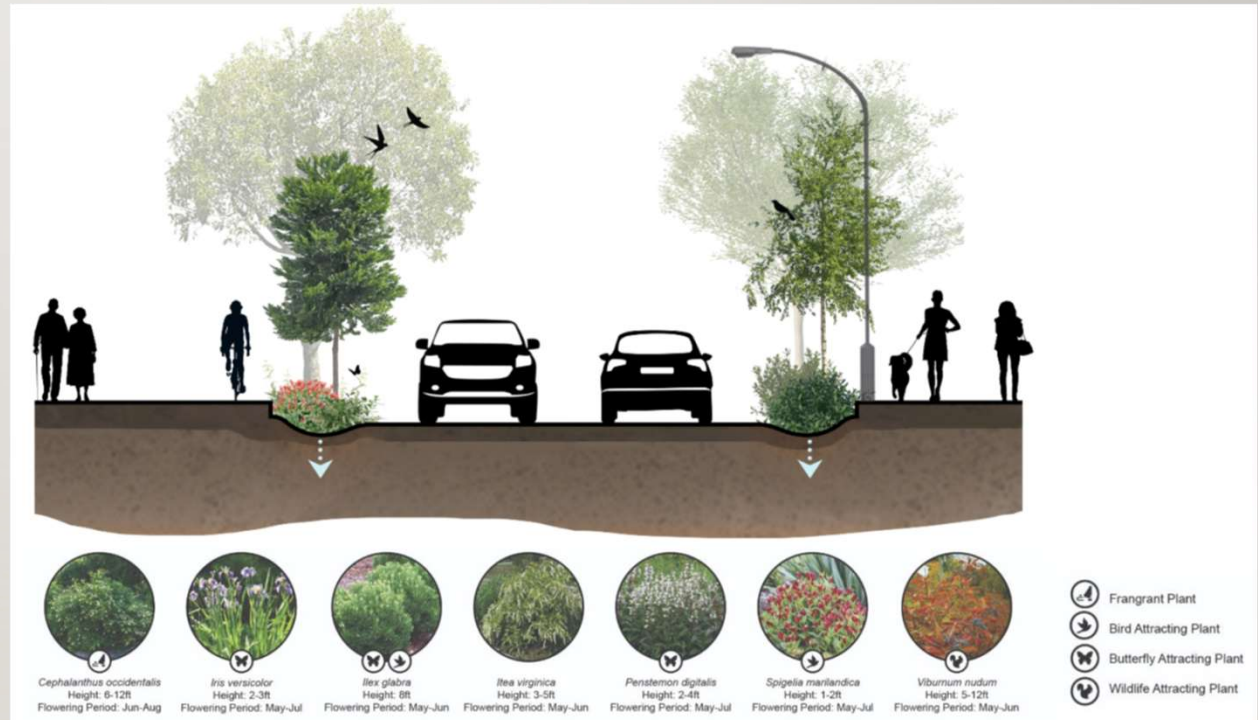
We looked at public areas that need to be addressed first:

- **Stormwater Management**
 - Aligns with Anne Arundel Plan 2040
- **Coastline Stabilization**
- **Redesign of the Waterfront and Riverside Drive**
 - Natural Habitat
 - Community Use
 - Walkability
 - Safety
 - ADA Compliance
 - Parking

STORMWATER MANAGEMENT

National University of Singapore

- Planting palette for the roadside culverts that will be enhanced to swales with appropriate soil conditions to improve rainwater runoff infiltration and discharge out of the urban space
- Development of a handbook and community events to encourage landowners to install stormwater runoff controls and habitat enhancement measures



STORMWATER MANAGEMENT

Anne Arundel Community College and University of Maryland

- Propose current drainage ditches along Galesville Road and Main Street be converted into planted bioswales with the addition of bumped-out green spaces to define parking spaces and slow traffic.
- Proposed trees will be added with a sidewalk design that extends to Riverside Drive



Elevation: Galesville Rd-Main St from Muddy Creek Rd to the Wharf



COASTLINE STABILIZATION

National University of Singapore

- Extend the shoreline with locally-sourced natural materials and adding native plants



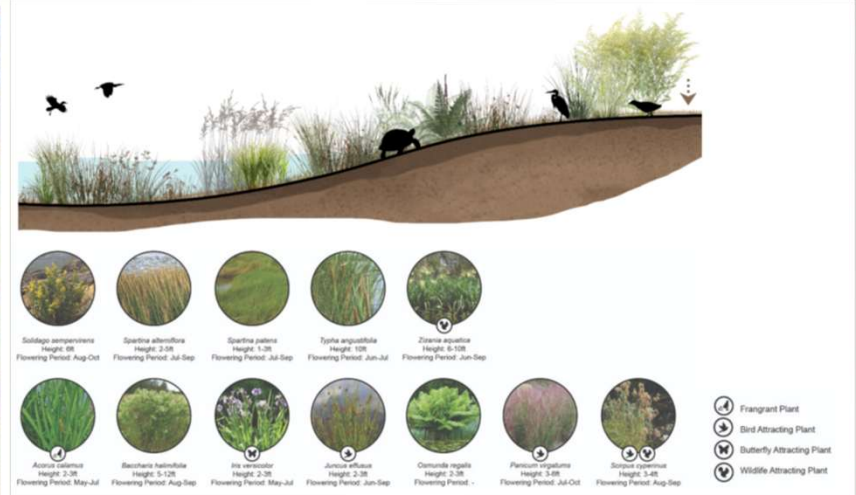
Existing conditions
1:2 slope at edge



← Extending shoreline
Gentler topography
Hay or other locally-sourced
material as anchor



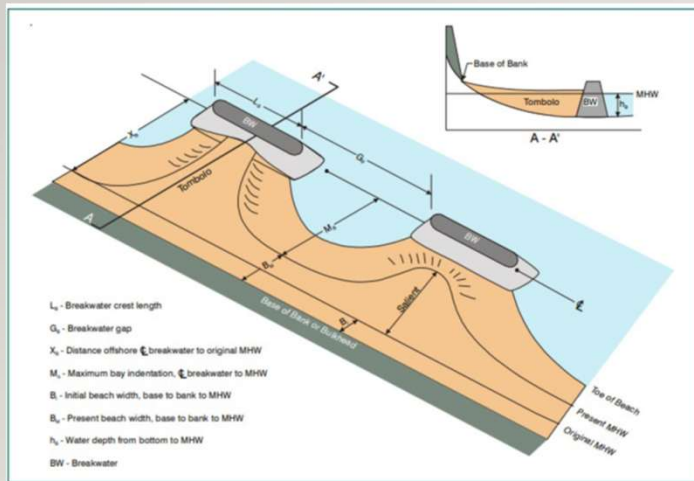
Native planting
Stabilization of shoreline



COASTLINE STABILIZATION

Anne Arundel Community College and University of Maryland

- Create a natural habitat with breakwater (BW) points with pockets and a living shoreline to reduce impact of wave energy
- Cultivate an oyster reef



REDESIGN OF THE WATERFRONT AND RIVERSIDE DRIVE

James Madison University

- Construct a natural “Living Ribbon” using natural and recycled materials.
- This concept blend grows stronger with time, binding sand, shells, and minerals into a living structure that restores balance between human intervention and the rhythms of the shore



OVERALL REDESIGN OF WATERFRONT & RIVERSIDE DRIVE

National University of Singapore

- Develop an area for play, and curiosity along the shoreline and cultivate a walkable community



REDESIGN OF WATERFRONT & RIVERSIDE DRIVE

Anne Arundel Community College and University of Maryland

A. Establish a green corridor along Main Street

B. Upgraded wharf area

- **Add retention ponds and boardwalks connecting to Main St, the water, and a boardwalk along Riverside drive**
- **Replace the existing sidewalk along the living shoreline and riverside drive with an ADA-compliant boardwalk**
- **Provide improved lighting and signage**

C. Create breakwater (BW) points along Riverside Drive with a living shoreline

D. Cultivate an oyster reef



MASTER PLAN DESIGN - NATIONAL UNIVERSITY OF SINGAPORE

Phase 1: Activating programs through participatory environmental stewardship

Near-term 0 - 5 years



Key programs

- Participatory planning at public parks & community center
- Coastline stabilization through marsh enhancement
- Initiation of marine tile program
- Drainage system & pathway enhancements for central road
- Car-park greening at school area
- Installation of nature playscapes

Phase 2: Developing resilient infrastructure

Short-term 5 - 15 years

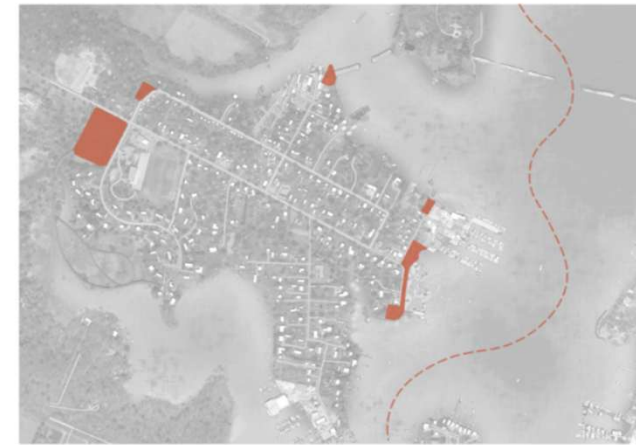


Key programs

- Development of coastal trails
- Installation of breakwaters
- Extended drainage system & pathway enhancements
- Marina retrofit with marine-friendly substances
- Upcycling, craft, harvest, and planting workshops
- Improving food systems for circularity

Phase 3: Continued monitoring and increased recreational visits

Long-term 15 - 30+ years



Key programs

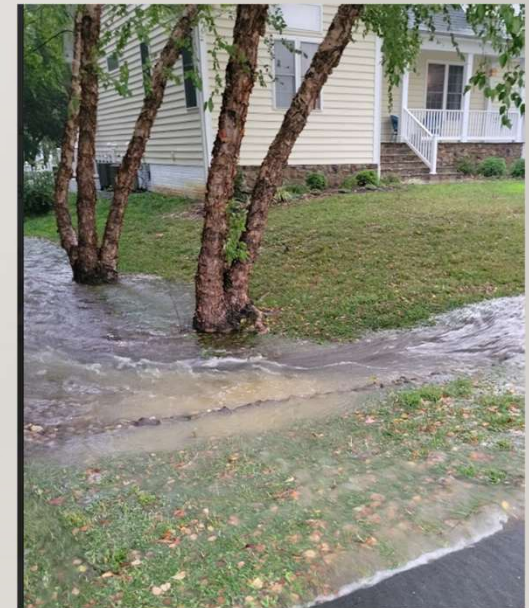
- Official offshore tours
- Annual to triennial participatory workshops to improve programs and activities
- Continued long-term monitoring of marsh restoration and breakwater interventions

GALESVILLE FOCUS AREAS FOR PUBLIC LAND

HOW DID THE GALESVILLE WATERSHED STUDY ,THE CERF
COMPETITION AND EARLY ENVISION GALESVILLE VISIONING PLAN
DIRECT/INFORM THE ENVISION 2.0 GALESVILLE FOCUS?

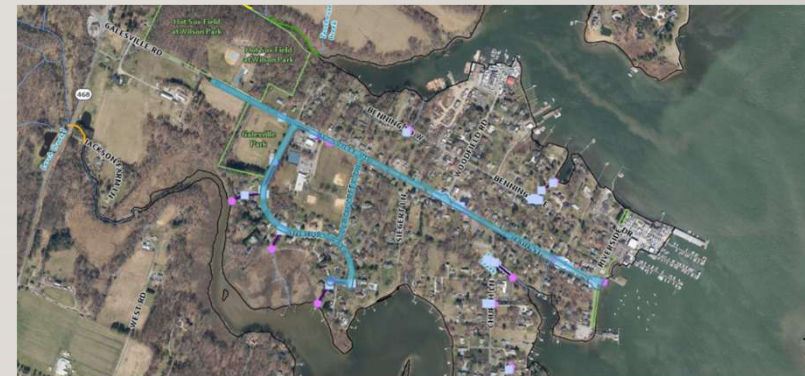
GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

Stormwater Management



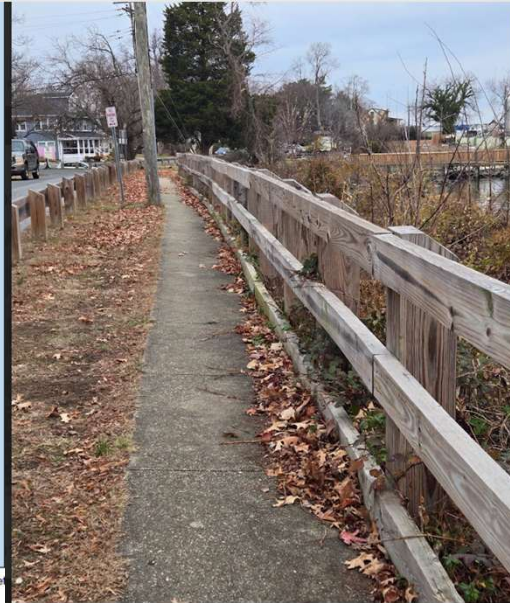
GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

- **Fact:** Galesville is a waterfront community bordered by Chesapeake tributaries on three sides. Water quality (well water and tributaries) are vital to the health and safety of residents and visitors. The amazing “Galesville Water Shed” study created by Arundel Rivers Federation and Environmental Systems Analysis, Inc. was instrumental in understanding the current issues and potential solutions.
- **Focus:** A comprehensive Storm Water Management program that is implementable and phase able in 3–5 year period.
 - Resilience Authority of Annapolis and Anne Arundel County Master Plan
 - Findings and Recommendations
 - Funding
 - Implementation



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

Riverside Drive Restoration



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

- **Fact:** The existing sidewalk, fence and sea wall fronting the West River along Riverside Drive is failing.
- **Focus:** Restoration of public sidewalk for community connectivity and include a ecological Shoreline reenvisioning for the future
 - Volpe + Resilience Authority Study and Master Plan
 - Findings and recommendations
 - Funding
 - Implementation



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

Vehicular and Pedestrian/Cyclist Safety and Connectivity



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

- **Fact:** The gaps of sidewalk connectivity to public parks and vital businesses and a non-existent bike lane(s) with a heavily trafficked non-shouldered and culvert filled Main street is a recipe for future accidents and injury
- **Focus:** Connectivity for all residents and visitors (vehicular cars and trucks, pedestrians and cyclist, must be addressed with the traffic and storm water plan.
 - Volpe Study and Master Plan
 - Findings and recommendations
 - Funding
 - Implementation



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

Historical Context and Oversight



GALESVILLE'S PRIORITY FOCUS AREAS ON PUBLIC LAND

- **Fact:** For nearly 370 years, Galesville has been a special place for those who live in or nearby the Village and those who visit or weekend on the water at a local marina. Preserving Galesville as a small rural village, not just another South County bedroom community, is aligned with Anne Arundel County's Plan2040 goals essential to maintaining **our collective heritage**, and fundamental to our future growth and sustainability.
- **Focus:** To the extent that there is any physical change in “roads, lanes and sidewalks”, storm water solutions, and landscape/hardscape alternatives, they should be on a scale and character appropriate to a small village of Galesville's size and historic character.
 - WRIA historical context and oversight
 - Findings and recommendations
 - Funding
 - Implementation

APRIL 8TH TOWN HALL AND COMMUNITY WORKSHOP

- Community involvement - participants divided into separate workgroups
 - This is your opportunity to have a voice
 - Select group presenter to lead workgroup and report results to all workshop participants.
 - Add any additional Focus Areas (issue/project).
 - Discuss Focus Areas and determine workgroup's top priority Focus Areas.
- Workgroup presenters report findings of their workgroup participants. Answer any questions
- Review, with all participants, combined priority Focus Areas
- All participants – Select and recommend priority Focus Areas to WRIA Board for potential action

We Need You! Please attend!

Clarification, Comments and Questions



THANK YOU

Galesville Envision 2.0

Extra Slides

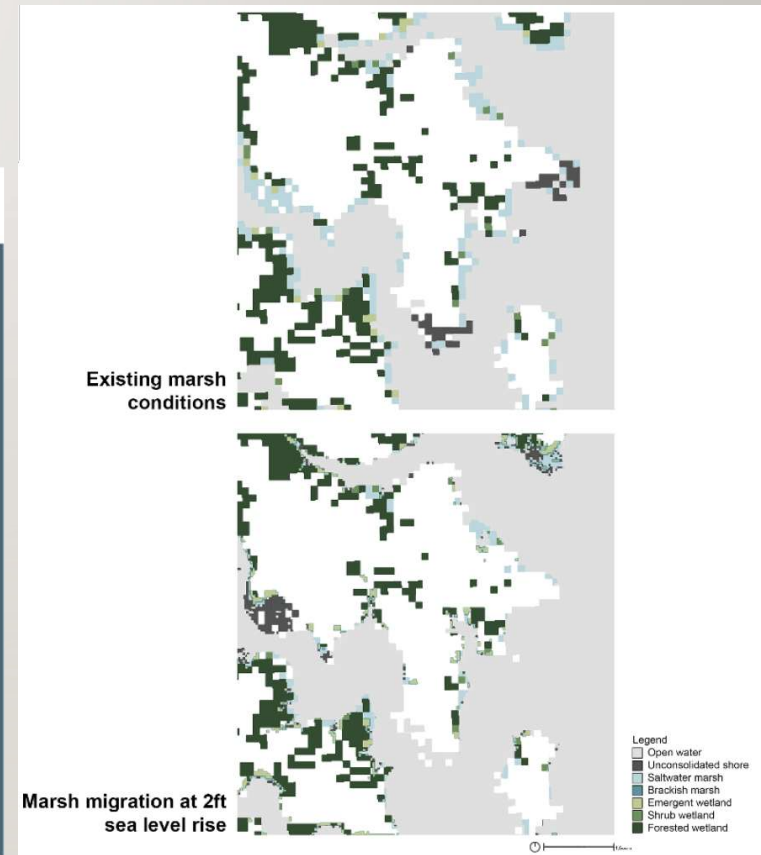
IMPACT OF SEA-LEVEL RISE

- National University of Singapore

A.
5ft increase of sea level

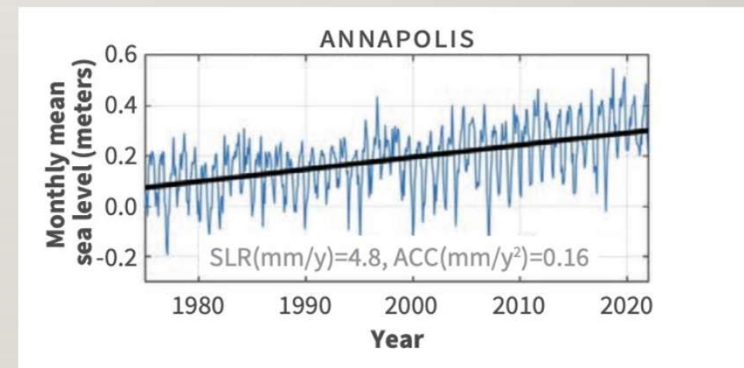
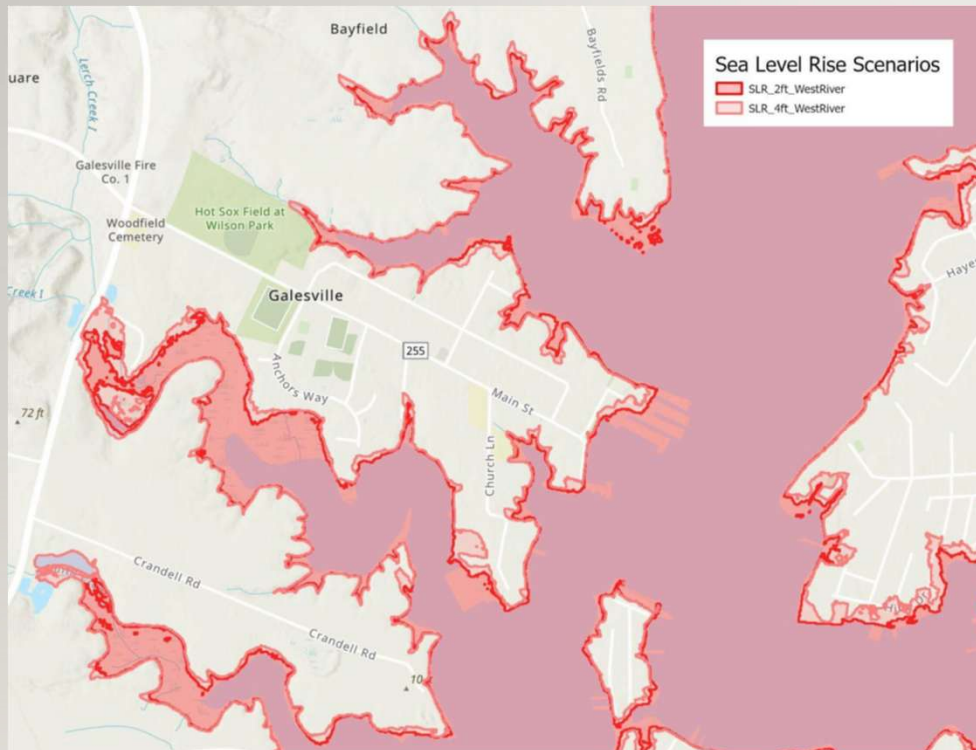


B.
Building use + water level increase risk



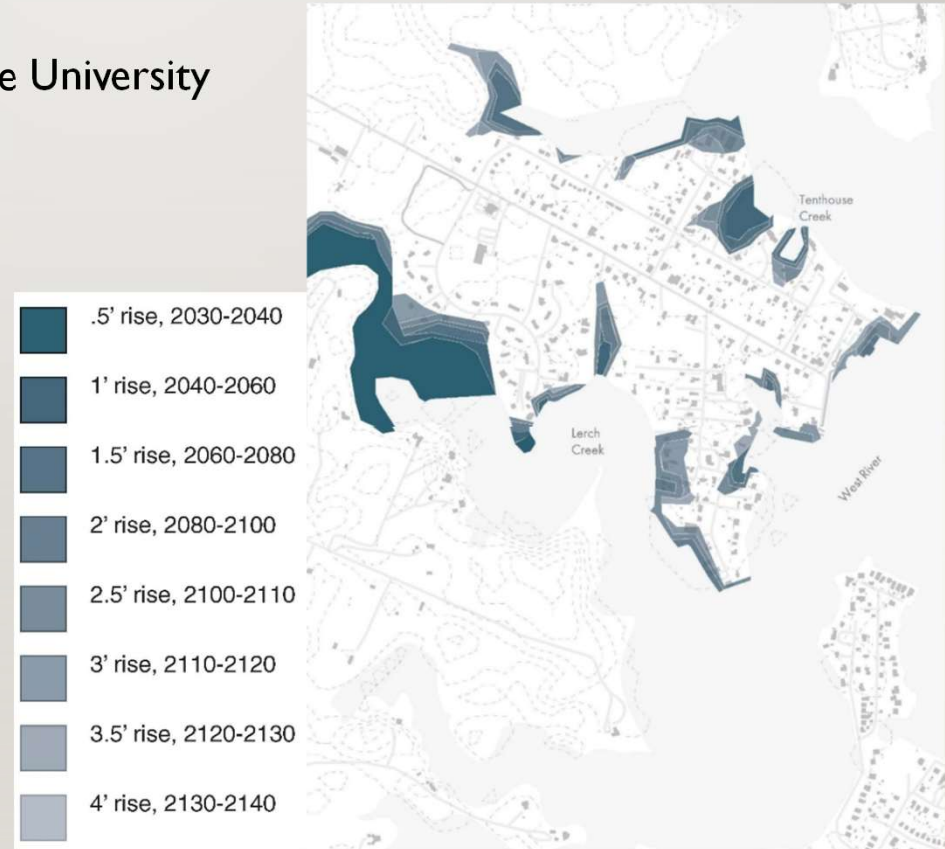
IMPACT OF SEA-LEVEL RISE

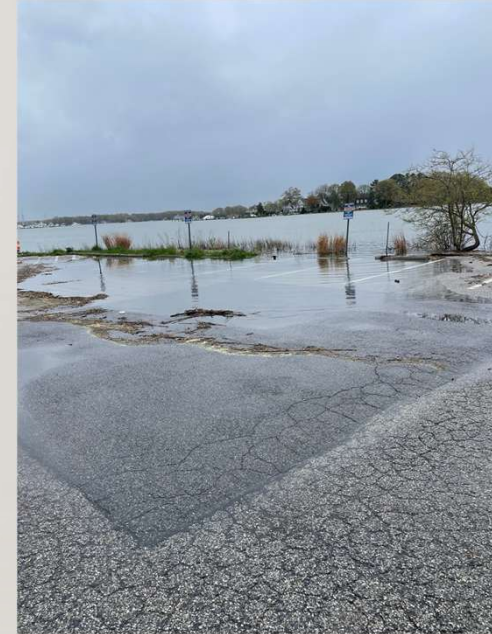
- Anne Arundel Community College



IMPACT OF SEA-LEVEL RISE

Kendall College of Art and Design and Ferris State University







MASTER PLAN DESIGN

National University of Singapore

- Comprehensive design
- Not all elements would work for Galesville (such as seawalls)



Annotation key

1. Pedestrian & cyclist paths with improved roadside swales
2. Naturalized Galesville Park
3. Marsh stabilization & enhancement
4. Marsh boardwalk entry from park
5. Marsh boardwalk entry from road
6. Nature play (integrated with school)
7. Coastal play for all ages
8. Dining establishments integrated with circular harvesting & dining
9. Small seawall (accessible to public)
10. Large seawall
11. Marine tile enhancement zones