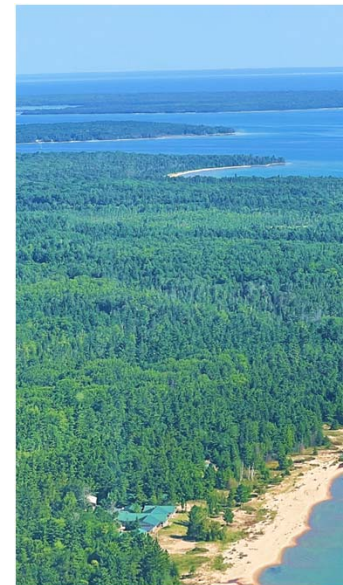
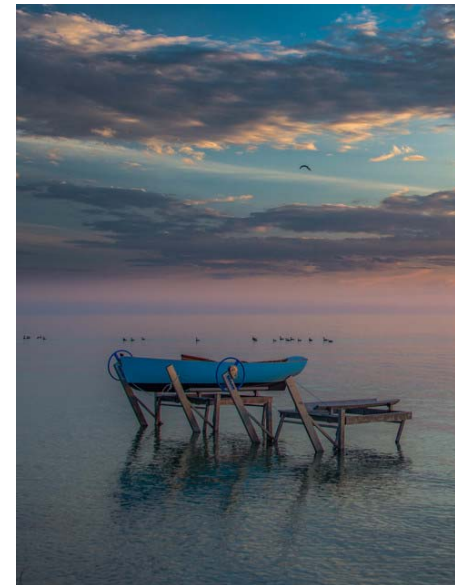




Beaver Island Master Plan Update Joint Planning Commission Meeting

Oct. 17, 2022

Barry Hicks
Lee Maynard



Land Information Access Association



Agenda

- Coastal Sustainability Assessment
- Goals & Objectives

2022

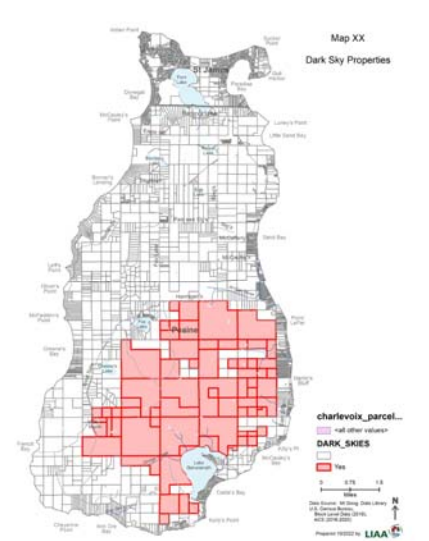
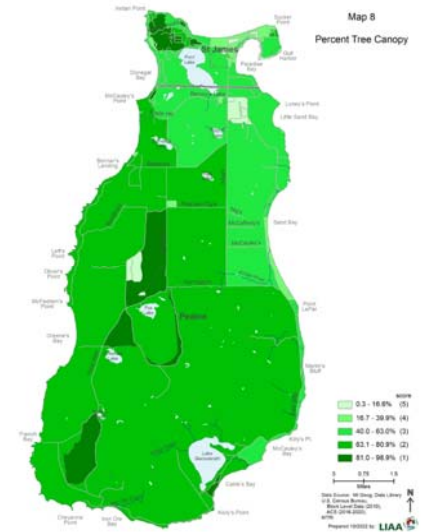
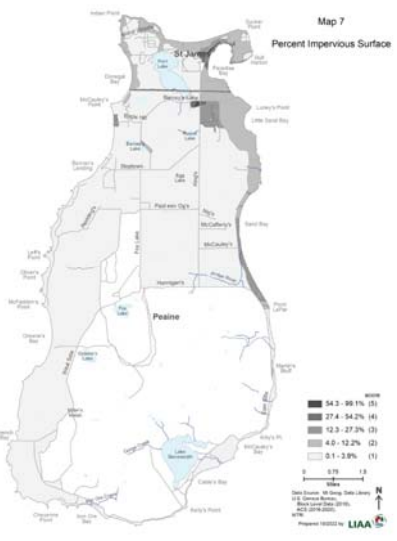
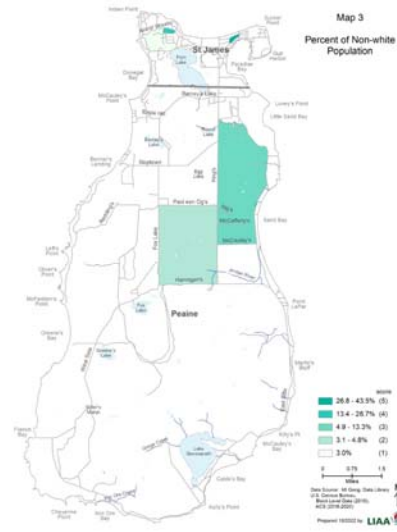
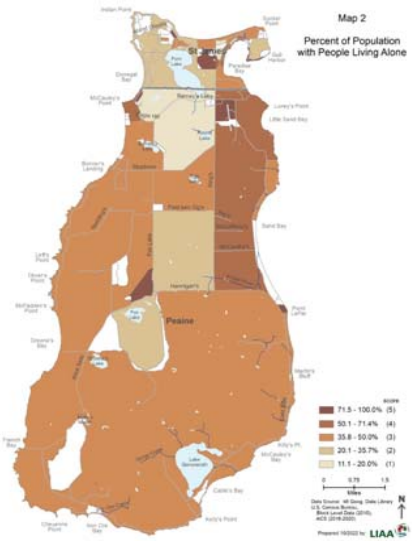
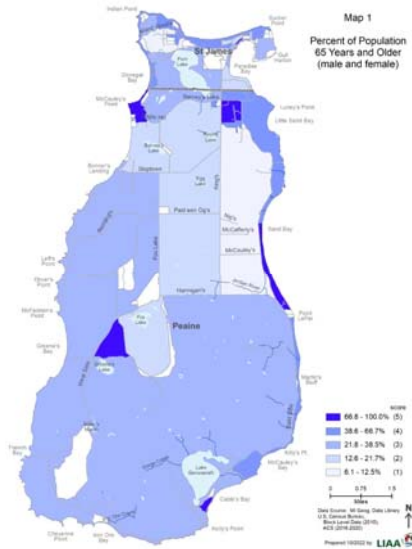
Coastal Zone
Management
Community
Assessment

Coastal Zone Management Community Assessment Takeaways

- Public education of shoreline dynamics and setback requirements
- Mapping
 - flood plains
- Hazard Mitigation Plan
 - Island-wide telecommunication
 - Fire prevention / public education
- Capital improvement plan for public infrastructure
 - Roads, public access to inland lakes and Lake Michigan and water/sewer
 - Public education regarding development setback



2022 Coastal Zone Management Community Assessment Vulnerability Maps

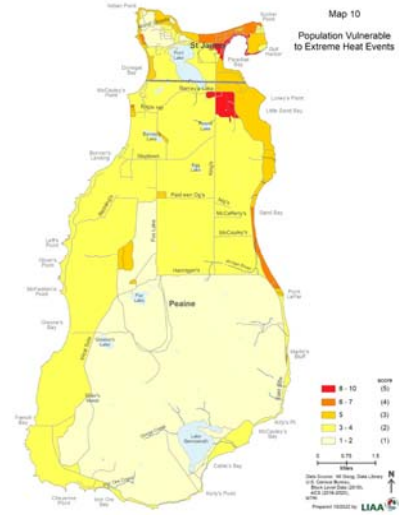
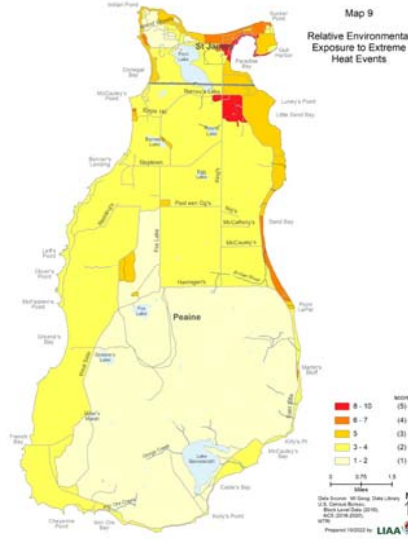
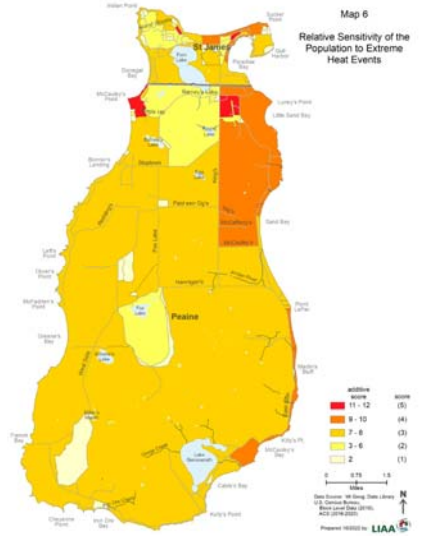
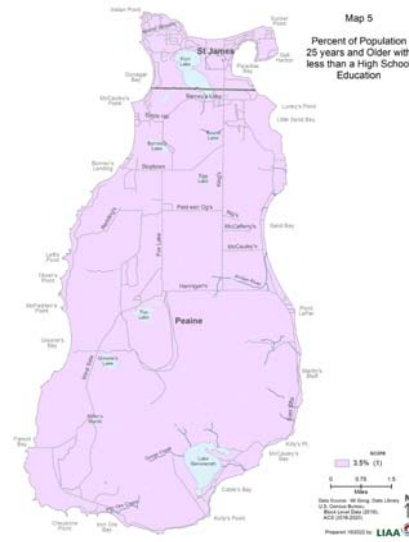
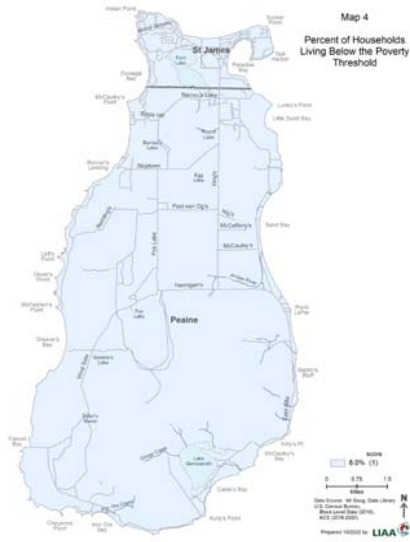


2022

Coastal Zone Management

Community Assessment

Vulnerability Maps Cont.



2022 Master Plan

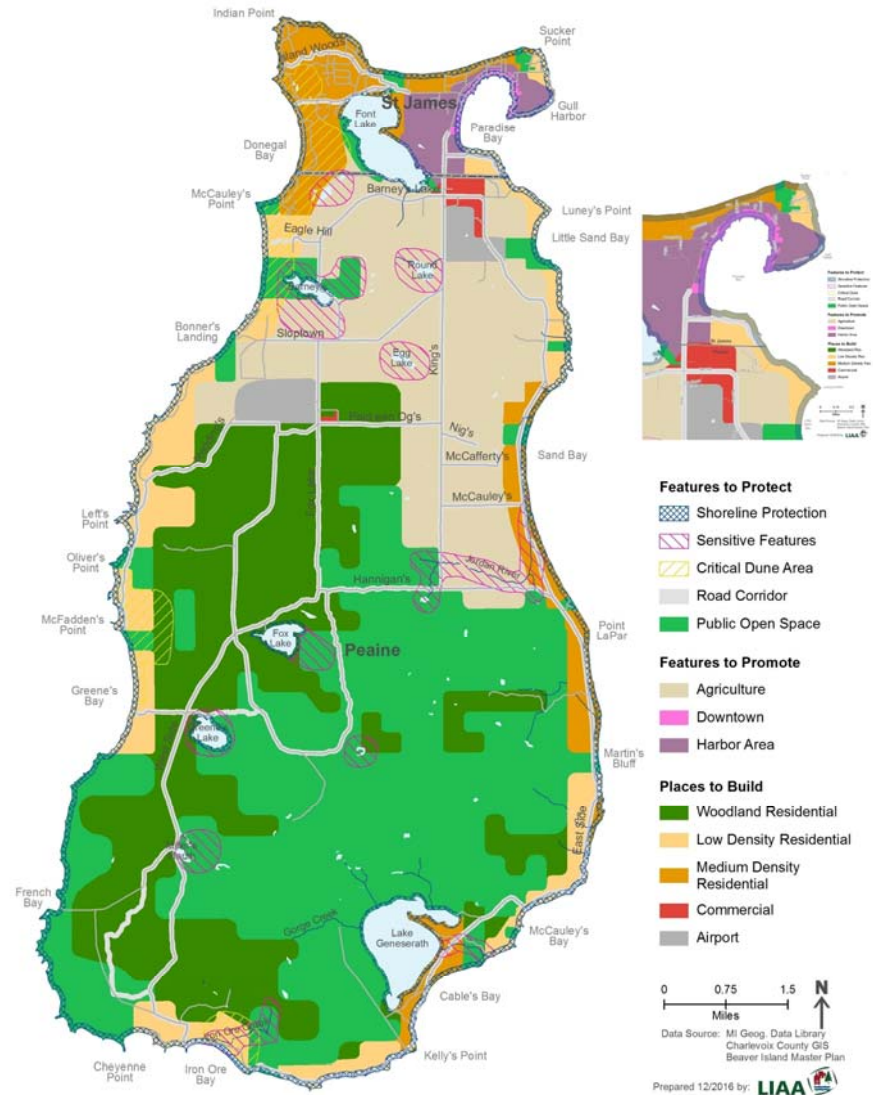
2022 Top Priorities

- Ensure Advanced Life Support and Emergency Medical Services are available
- Both townships should continue to work together to conduct CIP and consider other efforts to increase efficiency
- Improve trail maintenance and conduct planning activities with an emphasis on appropriate activities in appropriate locations
- Provide affordable options for removing junk cars and large debris
- Enforce dark-sky protections to protect nocturnal habitat
- Require that new developments protect native species, wildlife, and sensitive landscapes (such as investigating dune erosion and migration rates to determine appropriate setbacks)
- Establish an Affordable Housing Committee to investigate options for various types of housing and programming
- Allow and incentivize small-scale wind and solar on private property
- Improve internet access
- Environmental education programming in local schools
- Develop an Emergency Mitigation Plan



Land Use

- Keep the Natural/Wooded areas
- Protect critical dune areas from development and high-traffic
- Keep lakes undeveloped
- Worker housing should be close to town
- Affordable Housing should be near the harbor for access to services and transportation
- Green energy could be located near parks or implemented on a smaller scale on individual lots
- “Cultural areas” should be identified and development should be prohibited to protect the areas



2022 Master Plan

Cultural and Natural Resources

- Planning efforts and regulations are needed to maintain natural areas (including outer islands)
- Dark Skies
- Protect and respect historical sites (such as the Stone Circle)

Tourism and Economic Development

- Maintain rural environment – this is what attracts people to the island
- Education materials for visitors to protect public lands
- Workforce housing

Accessibility

- EMS services
- Affordable housing – need to update zoning requirements
- Trail management (motorized/non-motorized infrastructure and connectivity)
- Reliable High-Speed internet



2022 Master Plan

Built Environment

- Differentiate and regulate ORV trails and maintain and improve walkable trails
- Speed on roadways
- Year-round indoor pool/gym

Sustainability

- Livability for families
- Develop energy strategy
- Develop an Emergency Management Plan and provide staffing
- Education about shoreline/lake level fluctuations and regulate construction



Defining Goals & Objectives

Goal 1: Planning efforts and regulations to maintain natural areas (including outer islands)

- Objective A: Inland lakes docks and access
- Objective B: preserve natural resources including outer islands (EGLE and DNR)
- Objective C: Regulations and enforcement

Goal 2: Dark Skies

- Objective A: Dark Sky management plan
- Objective B: Zoning ordinance amendments defining dark skies protected areas and light pollution
- Objective C: IDSA Beaver Island as a 'Dark Sky Place'



Defining Goals & Objectives

Goal 3: Protect and respect historical sites

- Objective A: Allowing access over private property to sacred lands
- Objective B: Historic Resource Management Planning
- Objective C: Beaver Head lighthouse, historical society map, DNR archeology map

Goal 4: Broadband Internet

- Objective A: Pursue funding for broadband internet through programs such as BEAD
- Objective B: Approach potential partners (such as CMU)
- Objective C: NMU / Beaver Island Broadband consortium



Defining Goals & Objectives

Goal 5: Housing

- Objective A: Advance/Support affordable housing committee
- Objective B: Develop an affordable housing plan
- Objective C: Update local ordinances to allow for the types of housing that will provide affordable options
- Objective D: Assure sanitary and safe living standards are maintained (example: septic system inspections)
- Objective E: Provide affordable and workforce housing options
- Objective F: Develop short-term and long-term rentals regulations



Defining Goals & Objectives

Goal 6: Shared understanding land ethos of conservation values

- Objective A: Educational campaign (i.e. leave no trace and stewardship) including school education program
 - ATV on sustainable land
 - Rules of the road for non-motorized users
 - Firewood transport / invasive species
- Objective B: On the ground education and enforcement (signage, patrol, etc)
- Objective C: Affordable options for removing junk cars and large debris (enforce blight ordinance at township level)
- Objective D: Sustainable farming



Defining Goals & Objectives

Goal 7: Healthcare Services

- Objective A: Advanced life support
- Objective B: Talk therapy, physical therapy (indoor community pool)
- Objective C: Palliative care and hospice services
- Objective D: Aging in place / lack of visiting nurses association
- Objective E: Provide telehealth services
- Objective F: Improve access to specialists (i.e. dermatology)
- Objective G: Agency communication & collaboration
- Objective H: Housing for medical personnel



Defining Goals & Objectives

Goal 8: Develop a Comprehensive Trails Plan

- Objective A: Update, differentiate and regulate motorized and non-motorized trails (DNR)
- Objective B: Improved network connectivity (multiple property owners)
- Objective C: Improved signage and maps



Defining Goals & Objectives

Goal 9: Roadway Safety

- Objective A: Automobile speed management by increased signage and enforcement
- Objective B: Dust control management and operations

Goal 10: Year-round recreation facilities

- Objective A: Indoor pool (swim lessons for safety)
- Objective B: Ice rink
- Objective C: Gym



Defining Goals & Objectives

Goal 11: Green Energy and Energy Independence

- Objective A: Develop energy independence metrics to meet over time
- Objective B: Small scale alternative energy (such as solar panels or wind turbines on individual homes)
- Objective C: Wind or solar farm on the island
- Objective D: Conduct energy efficiency audits and assistance for homeowners



Defining Goals & Objectives

Goal 12: Livable for Families

- Objective A: Explore the development of a subsidized off-island transportation program
- Objective B: Access to essential services (such as medical or education)
- Objective C: Daycare
- Objective D: Community garden

Goal 13: Emergency Mitigation Plan with staffing

- Objective A: Plan for worst-case storm scenarios & wildfire
- Objective B: Assure EGLE conducts power generator assessments and upgrades/maintains equipment for all island generators



Defining Goals & Objectives

Goal 14: Professional Development/Services

- Objective A: Ensure all staff, commissioners, and administrative officials have access to regular training and development services
- Objective B: Identify key missing positions and assess potential resources to fill gaps (example: parks or trail management)



Defining Goals & Objectives

Timeline Goal:

- Connect with Townships to develop timeline to approve draft master plan update
- LIAA to share project status and milestones to date and to come



Next Steps

Refine Plan (DRAFT)

- What else is missing from the current Master Plan?
- LIAA will add Goals & Objectives and update “Action Items” based on top-priorities from joint planning commission
- Provide draft of the revised plan to the planning commissioners for consideration/comment
- Revise draft plan for approval by planning commissions and forward to the township boards consideration, public hearing, and adoption (must have 63-day comment period)

Goals & Objectives
workshopping

Refine Master Plan
based on new goals
and objectives

Joint Planning
Commission Review of
Draft Plan

Additional revisions
and preparation for
adoption process

