

LaNERR – Louisiana National Estuarine Research Reserve

Site Development Committee Meeting #6

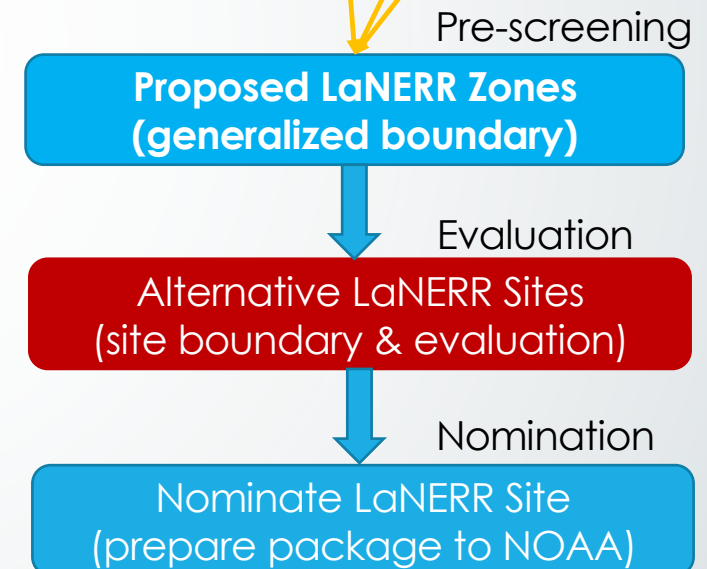
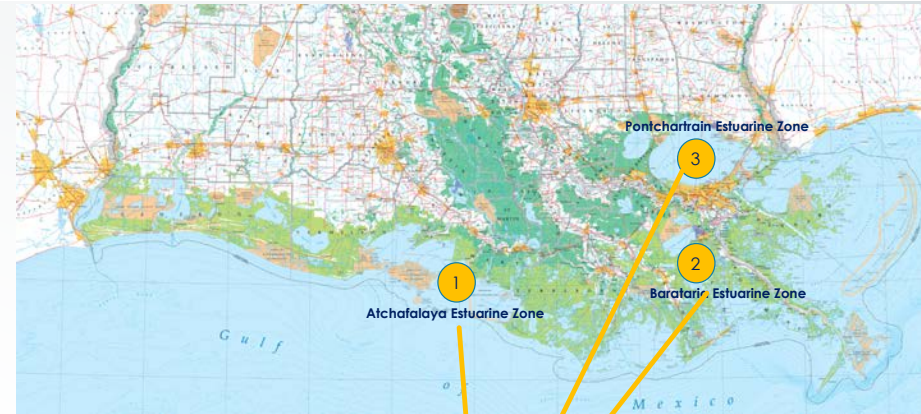
July 13, 2021





How will Louisiana determine where to establish a LaNERR?

1. Develop **pre-screening criteria** that reflect LaNERR goals;
2. **Establish generalized zones** within which to identify candidate sites;
3. Use proposed zones to **modify NOAA site criteria** to help identify sites for consideration and final nomination;
4. Evaluate proposed LaNERR Zones to **select candidate sites** that define preferred goals;
5. **Generate public support and partnerships** for proposed final site to NOAA.





Agenda:

Time	Topic
5 min	Welcome
5 min	Revised LaNERR Workflow and Schedule
10 min	NOAA feedback on Site Selection Criteria
45 min	Phase I Proposal Presentations
15 min	Barataria Estuarine Zone
15 min	Atchafalaya Estuarine Zone
15 min	Pontchartrain Estuarine Zone
10 min	Screening Subcommittee (next steps)
10 min	Town Halls
5 min	Wrap up and next steps:



Objectives:

- Review Revised LaNERR Workflow and Schedule
- NOAA feedback on LaNERR Site Criteria
- Discuss Phase 2 Proposals – Presentations from Alternative Site Teams
- Updates on
 - Next steps for screening subcommittee
 - Preparing for Town Halls

Pre-meeting Materials: LaNERR website

(www.laseagrant.org/deltanerr/) (password: deltanerr)

1. [Pontchartrain LaNERR Team Phase 2 Proposal](#) (PDF)
2. [Barataria LaNERR Team Phase 2 Proposal](#) (PDF)
3. [Atchafalaya LaNERR Team Phase 2 Proposal](#) (PDF)
4. [Final Draft of Site Criteria with comments from NOAA](#) (PDF)
5. [Update of LaNERR Designation Workflow & Schedule](#) (PDF)

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LaNERR: Site Development Committee

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Site Proposal Team Resources:

- Louisiana Governor and NOAA Letter of Intent (PDF)
- Recording of Site Proposal Team Meeting with DLT (Friday, Apr 16)
- Connecticut Site Nomination Package to NOAA

SDC Meeting Materials:

• Meeting #6 : 14 July 2021 (to be posted)

1. Pontchartrain LaNERR Team Phase 2 Proposal (PDF)
2. Barataria LaNERR Team Phase 2 Proposal (PDF)
3. Atchafalaya LaNERR Team Phase 2 Proposal (PDF)
4. Final Draft of Site Criteria with edits from NOAA (PDF)
5. Update of LaNERR Designation Workflow & Schedule (PDF)

• Meeting #5 : 13 May 2021

1. Pontchartrain LaNERR Team Phase 1 Proposal (PDF)
2. Barataria LaNERR Team Phase 1 Proposal (PDF)
3. Atchafalaya LaNERR Team Phase 1 Proposal (PDF)
4. Second Draft of Site Criteria (PDF)
5. Phase II and Final Candidate Site Proposal Guidance (PDF)
6. Update of LaNERR Designation Workflow & Schedule (PDF)
7. SDC Meeting #5 Presentation Slides (PDF)
8. SDC Meeting #5 Summary (PDF)
9. Recording of SDC Meeting #5 (Thursday, May 13)



LaNERR Site Selection and Nomination Workflow Overview and Schedule

July 6, 2021



LaNERR Site Selection and Nomination Workflow Overview and Schedule

July 6, 2021

		DESIGNATION LEADERSHIP TEAM	SITE DEVELOPMENT COMMITTEE	CRITERIA SUBCOMMITTEE	SCREENING SUBCOMMITTEE	PROPOSAL TEAMS
FEB 2021	Early					
	Mid	Evaluate 6 Estuarine Zones				
	Late	Develop 1st draft of Site Selection Criteria	SDC Mtg 3: Overview of Site Selection process; DLT's recommendations on Estuarine Zones based on preliminary screening criteria			
MAR 2021	Early	Develop preliminary (example) candidate sites	SDC voted on 6 Estuarine Zones			
	Mid					
	Late	<ul style="list-style-type: none"> Establish subcommittees Provide 1st draft of Site Selection Criteria to Criteria Subcommittee 	SDC Mtg 4: Review results of Estuarine Zone voting, example core/buffer areas, first draft Site Selection Criteria, and guidance for developing Phase 1 Candidate Site Proposals			
APR 2021	Early			Working session #1		
	Mid					Q&A Check-in with Proposal Teams
	Late	Develop Phase 2 candidate site proposal template & mapping data		Working session #2		
MAY 2021	Early			<ul style="list-style-type: none"> Working session #3 Provide 2nd draft of Site Selection Criteria to DLT 		Submit Phase 1 Candidate Site Proposals for DLT review
	Mid		SDC Mtg 5: Update on Phase 1 proposals, guidance for Phase 2 proposals, review 2 nd draft of Site Selection Criteria			
	Late			<ul style="list-style-type: none"> Working Session #4 Provide 3rd draft of Site Selection Criteria to DLT 		

		DESIGNATION LEADERSHIP TEAM	SITE DEVELOPMENT COMMITTEE	CRITERIA SUBCOMMITTEE	SCREENING SUBCOMMITTEE	PROPOSAL TEAMS
MAY	Early					
	Mid		SDC Mtg 5: Update on Phase 1 proposals, Expectations for Phase 2 proposals, Review 2 nd draft of Site Selection Criteria			
	Late			Provide 3rd draft of Site Selection Criteria to DLT		DLT check in w/Proposal Teams
JUN	Early	Submit 3rd draft of Site Selection Criteria to NOAA for approval			Review Phase I Site Proposals	
	Mid					DLT Check in w/Proposal Teams
	Late					Submit Phase 2 Candidate Site Proposals
JUL	Early	<i>Receives comments on Site Selection Criteria from NOAA</i>				
	Mid		SDC Mtg 6: SDC Mtg 6: Review Results of Phase 2 Candidate Site Proposal Screening & vote to proceed to Final Candidate Site Proposals		Check-in call to discuss proposal review process	
	Late	<ul style="list-style-type: none"> Advertise Town Hall meetings (continue until first meeting) 			Review and comment on Phase 2	

		DESIGNATION LEADERSHIP TEAM	SITE DEVELOPMENT COMMITTEE	CRITERIA SUBCOMMITTEE	SCREENING SUBCOMMITTEE	PROPOSAL TEAMS
AUG 2021	Early					DLT check-in w/ Proposal Teams (screening feedback)
	Mid	Present at CPRA Board meeting				
	Late					
SEP 2021	Early	Host Town Hall Meetings				Participate/present at Town Hall Meetings
	Mid	Host Town Hall Meetings (continued if needed)				Participate/present at Town Hall Meetings
	Late					DLT check-in w/ Proposal Teams (Town Halls feedback)
OCT 2021	Early					
	Mid					
	Late					Submit <i>(draft)</i> FinalCandidate Site Proposals

		DESIGNATION LEADERSHIP TEAM	SITE DEVELOPMENT COMMITTEE	CRITERIA SUBCOMMITTEE	SCREENING SUBCOMMITTEE	PROPOSAL TEAMS
NOV 2021	Early		SDC Mtg #7 (TBD): Presentation of (draft) Final Alternative Site Proposals			
	Mid				Screen and score (draft) Final Alternative Site Proposals	
	Late					
DEC 2021	Early					
	Mid					
	Late					Submit Final Alternative Site Proposals to DLT
JAN 2022	Early	Submit Final Alternative Site Proposal to Site Evaluation Committee for nomination to Governor to submit to NOAA				
	Mid					
	Late	Executive Committee nominates one site to the Governor (i.e., site proposal & cover letter)				



Criteria from the NOAA guidelines to establish a LaNERR site in the Mississippi River Delta.

National Estuarine Research Reserve Designation Guidance

Site Selection, Nomination, and Designation

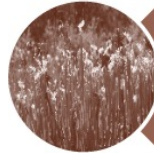


February 1, 2020

Authored by NOAA



Stewardship Division
Office for Coastal Management
National Ocean Service
National Oceanic and Atmospheric Administration



I. Environmental Representativeness



II. Value of the Site for Research, Monitoring, and Resource Protection



III. Suitability of the Site for Education and Interpretation



IV. Acquisition and Management Considerations



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	LA NERR Draft Site Criteria - NOAA Review ...	Yesterday at 9:34 AM	Robert R Twilley	286 KB	Shared
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Proposed FINAL DRAFT of LaNERR Site Criteria

5.0 Ability to accommodate climate change

5.1 Coastal resilience research: How suitable is the site (and hydrologic basin it is found) to support research on coastal resilience including both natural, cultural, and social systems. This includes how climate change may amplify impacts of land-use change and increase the vulnerability of a LaNERR site (and hydrologic basin) to relative sea level rise. Research focuses on discovery of adaptations of natural, cultural, and social systems to biogeophysical change.

3 Points. The site (and hydrologic basin) demonstrates high value in discovering adaptation of natural, cultural, and social systems to climate change and relative sea level rise including research on adaptations that reduce vulnerability.

2 Points. The site (and hydrologic basin) demonstrates moderate value in discovering adaptation of natural and social systems to climate change and relative sea level rise including research on adaptations that reduce vulnerability.

1 Point. The site (and hydrologic basin) demonstrates low value in discovering adaptation of natural and social systems to climate change and relative sea level rise including research on adaptations that reduce vulnerability.



Proposed FINAL DRAFT of LaNERR Site Criteria

5.0 Ability to accommodate climate change

5.2 This criterion focuses on the ability to accommodate shifts in habitat as sea level, inundation or other climate induced change occurs. Is there sufficient ability of the system to accommodate these shifts and is there an ability to acquire land further up the watershed to allow for maintenance of an ecological unit. This includes consideration for boundary expansion.

3 points. Reserve boundary allows for habitat migration and several areas adjacent to the boundary provide an option for expansion to accommodate habitat shifts and boundary expansion.

2 points. Reserve boundary allows for some habitat migration and some areas adjacent to the boundary provide an option for expansion to accommodate habitat shifts and boundary expansion.

1 point. Reserve boundary allows for little habitat migration and little to no areas adjacent to the boundary provides an option for expansion to accommodate habitat shifts and boundary expansion.

0 points. Reserve boundary does not allow for habitat migration and there are no areas adjacent to the boundary that provides an option for expansion to accommodate habitat shifts and boundary expansion.



Proposed FINAL DRAFT of LaNERR Site Criteria

5.0 Ability to accommodate climate change

5.3 Infrastructure and Access: A changing climate is resulting in a variety of impacts that differ based on geography and conditions within geography. Reserves are designated to ensure a stable platform for research, address significant coastal management issues, enhance public awareness and understanding and promote use of the reserves consistent with the purposes outlined. Access to infrastructure that supports these purposes is key to achieving the mission of the reserve system. This criterion focuses on the expected vulnerability of existing facilities (including visitor centers, labs, storage facilities) proposed for use by the reserve to remain viable and accessible taking into account the most relevant climate change stressors in the locale. This accounts for adaptive strategies that are and/or may be in place to mitigate anticipated stressors.

3 points. Facility(ies) resilient and adaptable under high impact climate change scenarios given current understanding of vulnerability

2 points. Facilities resilient and adaptable under medium impact climate change stressor/threat scenarios

1 point. Facilities unlikely to be resilient and adaptable under medium/low impact climate change stressor/threat scenarios

0 points. Facilities vulnerable and not resilient under any climate change scenarios



Proposed FINAL DRAFT of LaNERR Site Criteria

5.0 Ability to accommodate climate change

5.4. Public Access Resilience: This criterion focuses on the ability to access the resources of the reserve. This includes access to water via docks and boat launches; access to interpretive and educational experiences via trails, pavilions, amphitheaters, as well as access to existing recreational and professional opportunities in the resource.

3 points. Public access infrastructure is resilient and adaptable under high impact climate change scenarios given current understanding of vulnerability

2 points. Public access infrastructure resilient and adaptable under medium impact climate change stressor/threat scenarios

1 point. Public access infrastructure unlikely to be resilient and adaptable under medium/low impact climate change stressor/threat scenarios

0 points. Public access infrastructure vulnerable and not resilient under any climate change scenarios



Proposed FINAL DRAFT of LaNERR Site Criteria

6.0 LaNERR Partnerships:

Partnerships should be relevant and aid the program in achieving their goals, reaching target audiences, and developing and delivering key messages. They increase the resilience of the reserve and its ability to work with the local community to address climate change and impacts from other important stressors. Partnerships can increase the ability to address research needs and gaps, reach education and public engagement goals, and provide access to facilities and field opportunities. Institutional partnerships can also provide administrative services, support leveraging of resources, and reduce program costs. These organizations or third parties can also assist with fund-raising, grant development and management, and management of program income (ex. Friends Groups and NERRA). The strength of the reserve's partnerships and potential for partnerships will be evaluated based on the following:

6.1 Potential to develop partnerships: This criterion focuses on the site's ability to create new partnerships and strengthen existing partnerships to achieve their goals, reach target audiences, develop and deliver key messages, and address relevant coastal management issues. This can be demonstrated by potential partner interest, geography, etc. with a focus on the outcomes of the partnership, not the number or name of organizations. This will be measured by the following metrics:

- Existing MOUs or agreements explaining shared resources such as facilities and salaries
- Memberships of key individuals to professional organizations such as National Marine Educators Association, Coastal and Estuarine Research Federation, Society of Wetland Scientists, other state professional organizations, research organizations, local or regional consortiums, etc.
- Recent history of key personnel participation in multi-institutional grants, publications, and projects
- Letters from existing informal partners about past projects, their outcomes, and organizational structure
- Letters from potential partners focusing on how the partner could complement or contribute to the reserve goals. This letter should include information such as historical context for partnership and their vision for contributing to the reserve mission.



Proposed FINAL DRAFT of LaNERR Site Criteria

6.2 Internal NOAA Partnerships: This is a measure of the number and quality of partnerships with other NOAA entities that already exist within a program or that have the potential to develop based on common goals, geographic proximity, etc. The assumption is that a candidate site with a high diversity of existing partnerships and partnership potential will have opportunities to leverage support and create sustainable programs more so than one with fewer partnerships. Some examples include Sea Grant, Coastal Programs, Marine Sanctuaries, Weather Service, Climate Office and other line offices of NOAA. This will be measured by the following metrics:

- Existing MOUs or agreements explaining shared resources such as facilities and salaries
- Recent history of key personnel participation in grants, publications, and projects with NOAA

3 Points. The site has a history of NOAA partnerships and there is strong potential to develop and strengthen new and existing ones of high quality evidenced by the metrics stated above.

2 Points. The site has several partnerships in place and there is potential for new partnerships of good quality to develop.

1 Point. The site has potential for partnership development.

0 Points. The site has insignificant potential for partnerships.



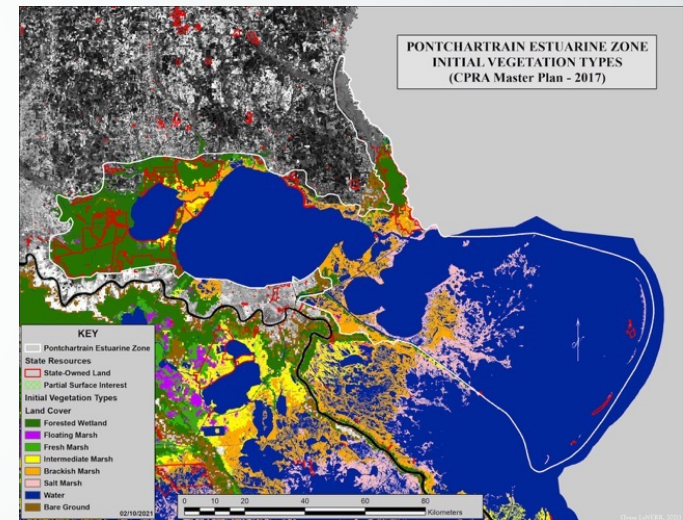
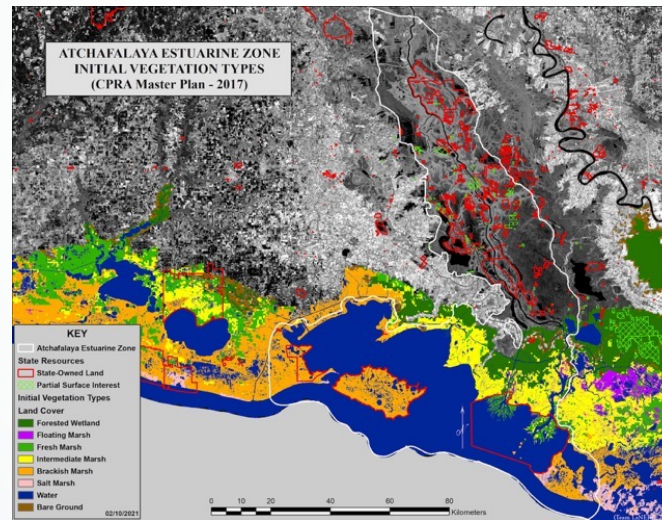
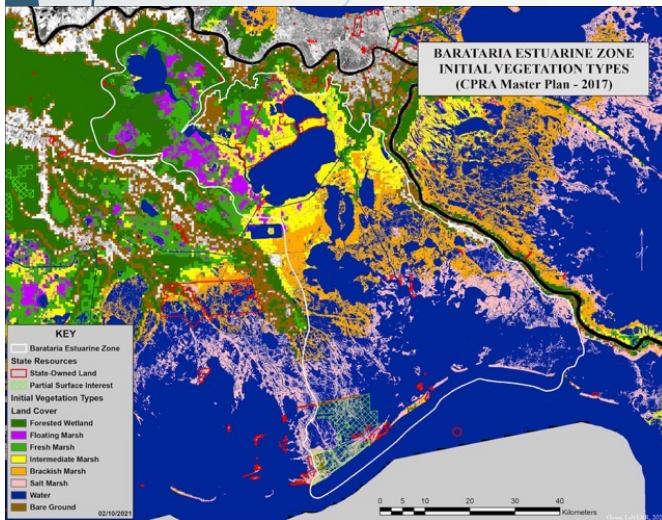
Proposed FINAL DRAFT of LaNERR Site Criteria

6.3 Diversity of Partnerships: This is a measure of the ability to reach diverse audiences through existing partnerships or potential partnerships based on common goals and geographic proximity. The assumption is that a candidate site with a high diversity of existing partnerships and partnership potential will have opportunities to leverage support and create sustainable programs more so than one with fewer partnerships. These partnerships should increase the candidate site's ability to address relevant coastal management issues, address research needs and gaps, and reach diverse audiences. These partner organizations should range in diversity such as federal agencies (ex. National Estuary Programs, National Wildlife Refuges, National Parks), state agencies and parks, local organizations (Marine Labs and Land Trusts), NGOs, and umbrella groups (national, regional or local). These partnerships should help bridge the gap between the NERRS and new audiences that the NERRS has not typically engaged (e.g. urban audiences) or that could help the NERRS become more effective at reaching intended audiences (e.g. national municipal association to facilitate reaching local officials). The focus of these partnerships should be the outcomes, not the number or name of organizations. This will be measured by the following metrics:

- Existing MOUs or agreements explaining shared resources such as facilities and salaries
- Recent history of key personnel participation in multi-institutional grants, publications, projects
- Letters from existing informal partners about past projects, outcomes, and organizational structure
- Letters from potential partners focusing on how the partner could complement or contribute to the reserve goals. This letter should include historical context and vision for partnership contributing to the reserve mission.



Alternative Site Proposals: Phase 2 Presentations to Site Development Committee





Screening Subcommittee

Seth Blitch, Chair	The Nature Conservancy
Alisha Renfro	National Wildlife Federation
Scott Hemmerling	Water Institute of the Gulf
Ron Boustany	USDA/NRCS
Sara Krupa	LADNR Office of Coastal Management
Rebecca Triche	LA Wildlife Federation
Pat Arnould	Gov Office of Indian Affairs
Mike Carloss	Ducks Unlimited
Kenny Ribbeck	La Dept Wildlife & Fisheries
Glenn Constant	US Fish & Wildlife Service
Honora Buras	Coastal Protection & Restoration Authority
Greg Steyer	USGS
Gina Campo	Office of Community Development
Melissa Baustian	Water Institute of the Gulf
Sam Bentley	LSU, Vice President for Research
Mead Allison	Tulane University
Shirley Laska	UNO Emeritus
Jenneke Visser	UL Lafayette Emeritus

TOWN HALL MEETINGS





Town Hall Planning. 7/13/21

1.0 General Information

1.1 Town Hall Meeting Overview

- To be hosted September 6-17 (over a two week period)
- Deadline for returning Town Hall Dates, Times, and Locations by July 23, 2021. Other elements of planning such as invite list and two-pager will be due at another deadline.

1.2 Number/Format of Town Hall Meetings

- Minimum of 1 in-person/hybrid Town Hall meeting per zone where only proposals for that zone are presented. Need to consider time of day that this in-person/hybrid Town Hall meeting is scheduled relative to virtual Town Hall meeting (see next bullet).
- Host 1 virtual Town Hall meeting per zone at a date and time different from the in-person/hybrid Town Hall meeting.
- The Designation Leadership Team will present to the CPRA Board and Gov Coastal Commission to provide overviews of all proposals and an update of the designation process.



Town Hall Planning. 7/13/21

1.3 Locations of/Logistics for Town Hall Meetings

- Work with Designation Leadership Team (DLT) to determine location of Town Hall meetings.
- Use accessible options that are free such as public Libraries, public meeting areas, accommodations that provide Sea Grant free access.

1.4 Potential Invitees

- DLT and La Sea Grant to develop meeting announcement of Town Hall meeting schedules (in-person/hybrid and virtual) for each alternative site and send out to list of potential invitees identified (see list information below).
- Proposal teams to identify stakeholders in their zones and provide to Sea Grant by August 6
- Sea Grant to post meeting notice on LaNERR page by August 6.
- Sea Grant to broadcast meeting announcement via social media by August 6 then again 1 week prior to each planned Town Hall meeting.



Town Hall Meetings:

The proposal team leads should provide the following information by July 23:

1. Suggested number of Town Halls in their zone
2. Suggested dates and times
3. Suggested locations
4. List of additional invitees

Post-meeting follow up from DLT:

1. Recording of meeting
2. Meeting summary

LaNERR

Louisiana
National Estuary Research Reserve

Questions?

