**Reserve Management Needs Collection Template**

**For the NERRS Science Collaborative 2021 Collaborative Research RFP**

**Instructions:**

* Enter each of your reserve’s management need statements under the appropriate focus area in the table below. Choose the most appropriate focus area for each management need. You can have multiple management needs in one focus area, or none.
* Please limit the total number of management need statements for your reserve to 3-5.
* Each management need should be explained in 600 characters or less.
* *Optional:* You may find it helpful to use the AND, BUT, THEREFORE format: [This situation exists] AND [our reserve and/or partners are involved in this way] BUT [we are struggling with this management challenge], THEREFORE [XX type of end users need this type of research/tools]. See: [additional suggestions for framing needs](http://www.nerrssciencecollaborative.org/media/files/Guidance_management_need_statements.pdf).

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| **Reserve Name:** |
| **Contact:**  (*Optional,* include a contact name, email and/or phone for initial inquiries about these needs) |
| Research and monitoring related to biophysical, social, economic and behavioral impacts of habitat change resulting from **climate change** and/or coastal development. |
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| Understanding how an **ecosystem service approach** can be utilized to support the protection and restoration of estuarine systems. |
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| Understanding the impacts of **land use change, eutrophication, and contamination** in estuarine ecosystems and the options for management and mitigation. |
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| Investigating options for improving estuarine **habitat resilience**; processes for identifying, prioritizing, and restoring sites; and monitoring and evaluating success. |
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| **Syntheses of long-term monitoring data** and information, originating from programs such as the NERRS System-wide Monitoring Program and associated monitoring efforts, to develop regional and national data products that address coastal management priorities for the NERRS and NOAA. |
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