

We're excited to invite you to be a part of the VIMS-CCRM team working together to collect and verify valuable on the ground shoreline inventory data.

MapMyShore



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MapMyShore



- **It's Free!**
- No Username or Password to remember
- Uses ESRI Survey123 software
- Two versions

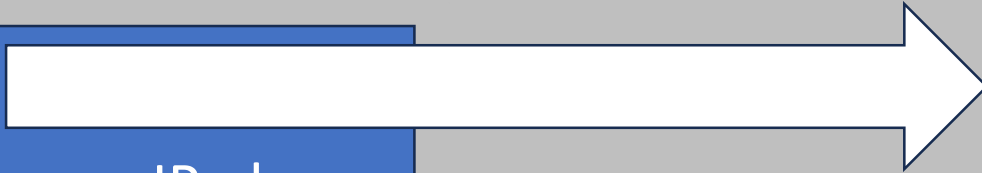


MapMyShore



Mobile App

- Need a smart phone or iPad
- Download App from App store or Google Play
- Utilizes GPS technology
- Capture data in the field



MapMyShore



Web App – Desktop Version

- Accessed through a web link
- Know the address or vicinity to pull up map
 - Doesn't utilize GPS
- Use at your computer

- Same data collected as the mobile/field app, just in a different way.



MapMyShore Version 1.0



VIRGINIA INSTITUTE OF MARINE SCIENCE
CENTER FOR COASTAL RESOURCES MANAGEMENT

Welcome to MapMyShore!



*Partnering with the Community to Keep
Virginia's Shoreline Inventory Up to Date!*

| [To get started...Read Disclaimer](#) ▶

| [About MapMyShore](#) ▶

| [App Instructions](#) ▶

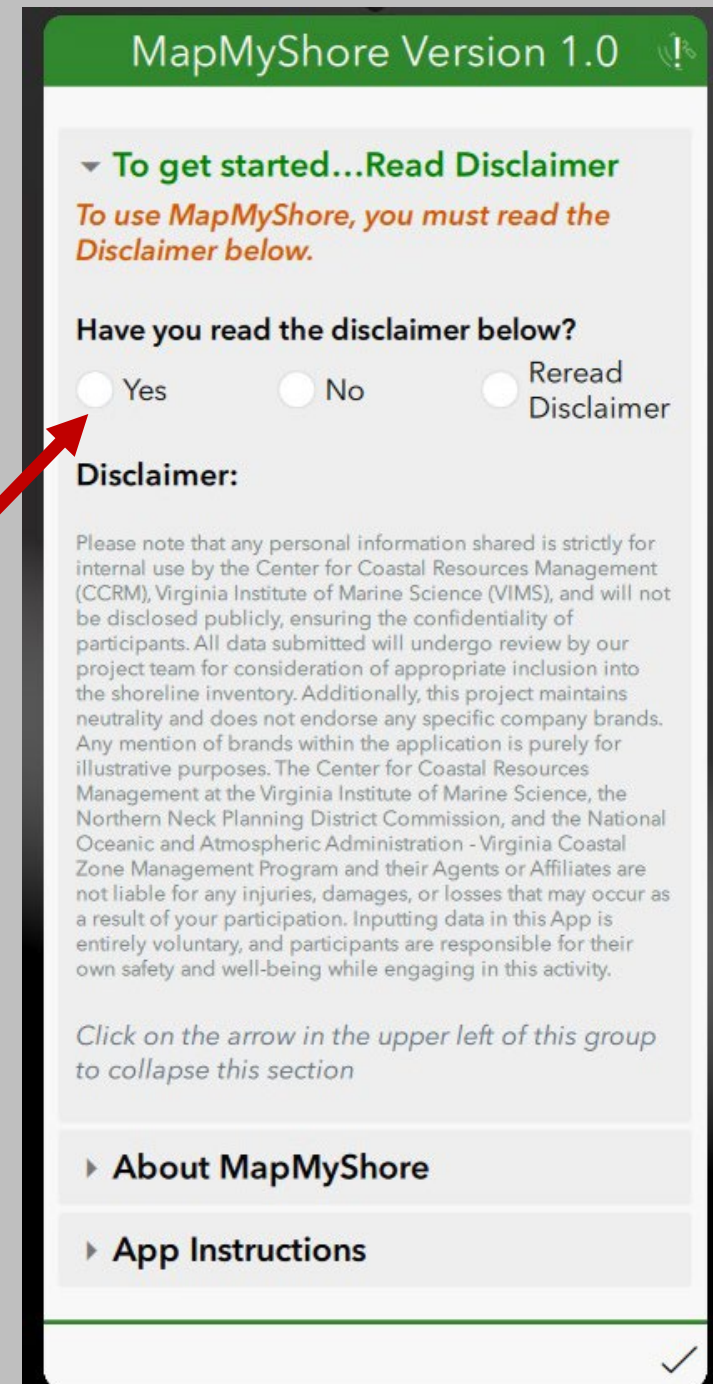
Submit

MapMyShore



- Demonstrate **MapMyShore** using the mobile/field app
- Highlights – won't be able to show everything

MapMyShore



MapMyShore



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▼ To get started...Read Disclaimer
To use MapMyShore, you must read the Disclaimer below.

Have you read the disclaimer below?

Yes No Reread Disclaimer

Thank you!

Click on the arrow in the upper left of this group to collapse this section

▼ **Welcome!**

Please share your name and email (required) so that we may contact you if we have any questions.

Please Note: This information is not public.

Name: *

Christine Tombleson

Email: *

Please provide a valid email address

Christine@vims.edu

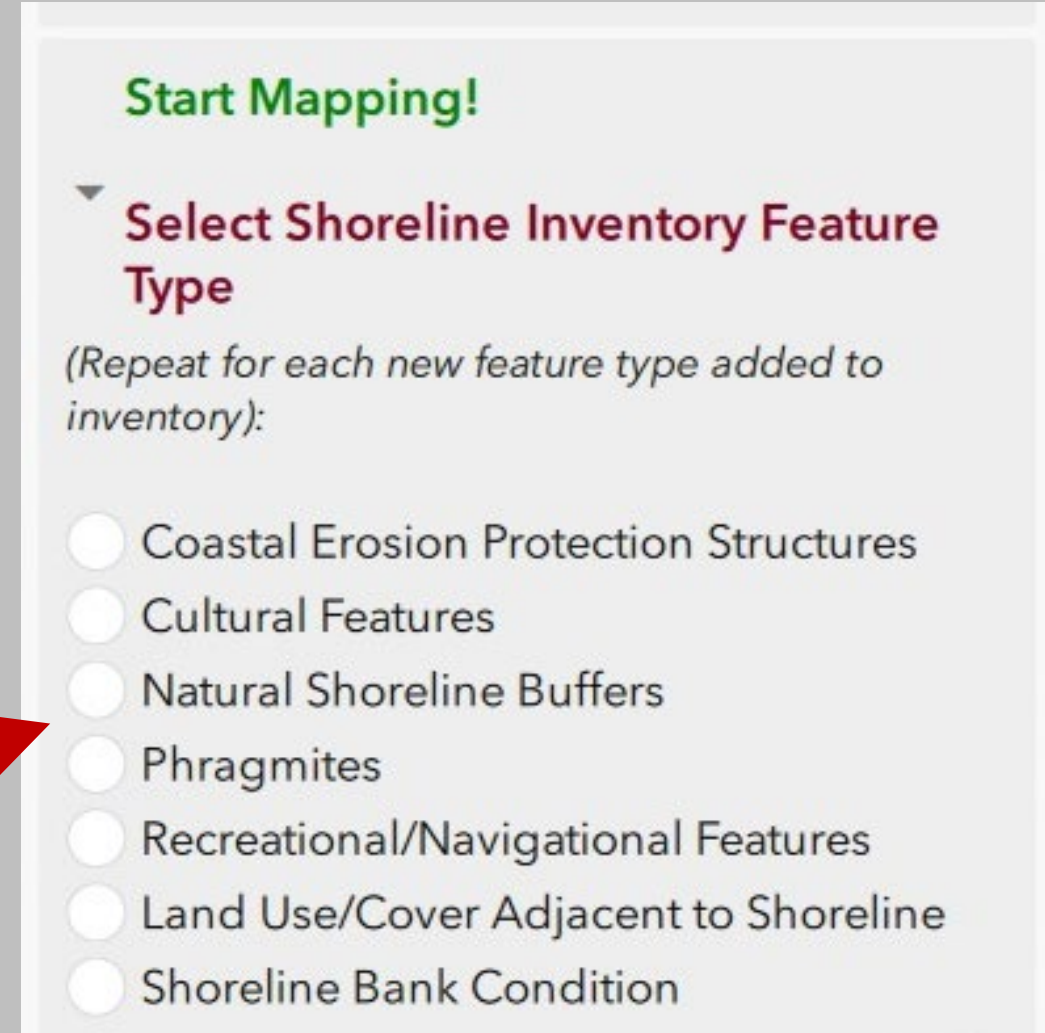
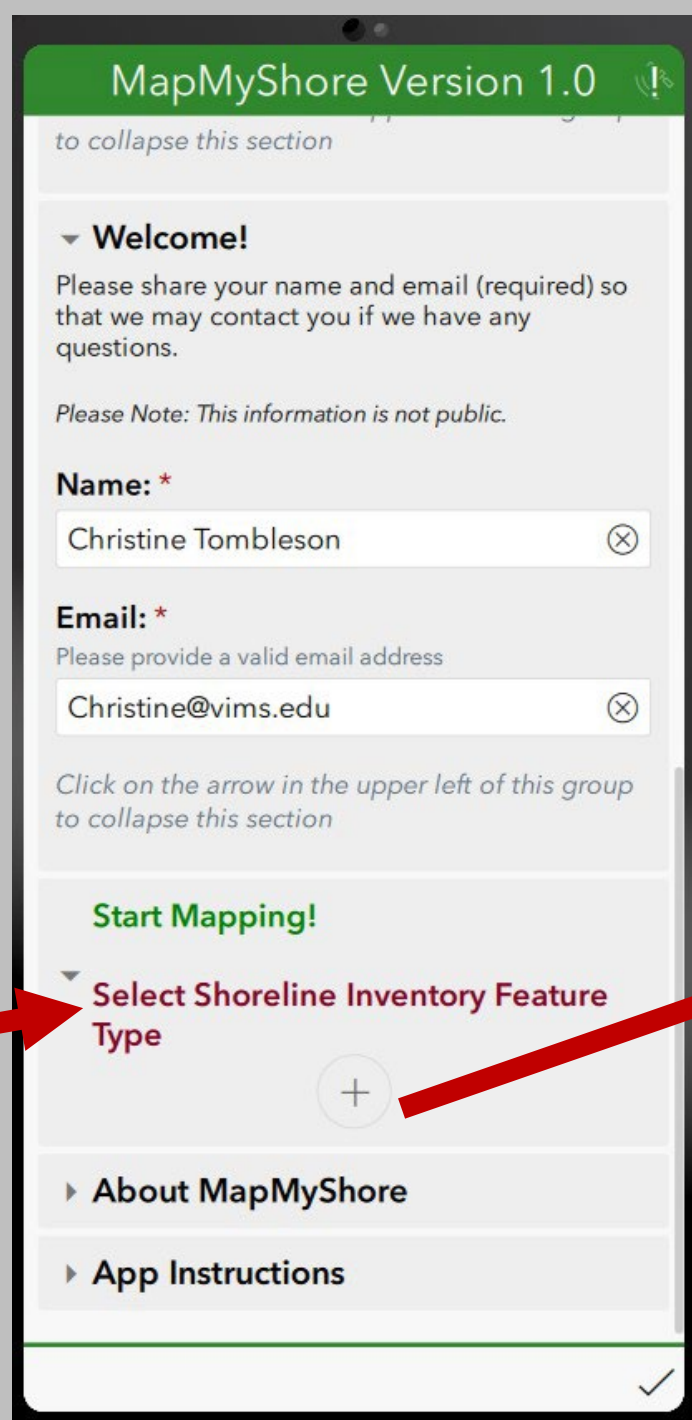
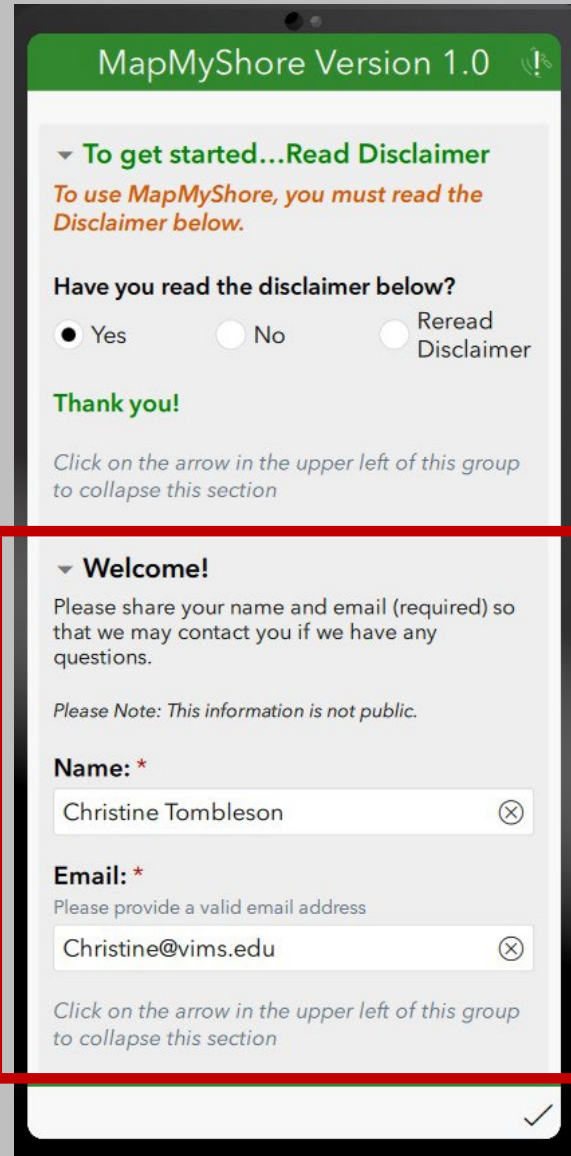
Click on the arrow in the upper left of this group to collapse this section

✓

*Required

- Names and emails will not be shared publicly
- Used only by CCRM if there are any questions on the submitted data
- Required to use the app

- App Users are not responsible for errors
- **MapMyShore** is a tool for the community to assist VIMS in flagging potential inventory features
- All submitted features will be reviewed and verified.



MapMyShore



Start Mapping!

Select Shoreline Inventory Feature Type

(Repeat for each new feature type added to inventory):

- Coastal Erosion Protection Structures
- Cultural Features
- Natural Shoreline Buffers
- Phragmites
- Recreational/Navigational Features
- Land Use/Cover Adjacent to Shoreline
- Shoreline Bank Condition

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Add Coastal Erosion Protection Structure

Note:

If a **single segment** of shoreline has multiple structure types present (e.g., *Rock sill channelward of a bulkhead*), select each type present in the list below.

For multiple structures **not located on the same shoreline segment** (e.g., *Bulkhead downstream from a revetment*), inventory them separately.

Select Structure:

- Bulkhead
- Revetment
- Rock Sill
- Oyster Reef Structure
- Coir Log
- Breakwater
- Groin
- Other



1 of 1



App Theme

Assist Identification:

- Picture provided to view example
- Definition provided

Data Collected:

- Locate feature on map*
- Comments
- Photos

*Required

MapMyShore



Tools to identify Inventory Features:

Add Coastal Erosion Protection Structure

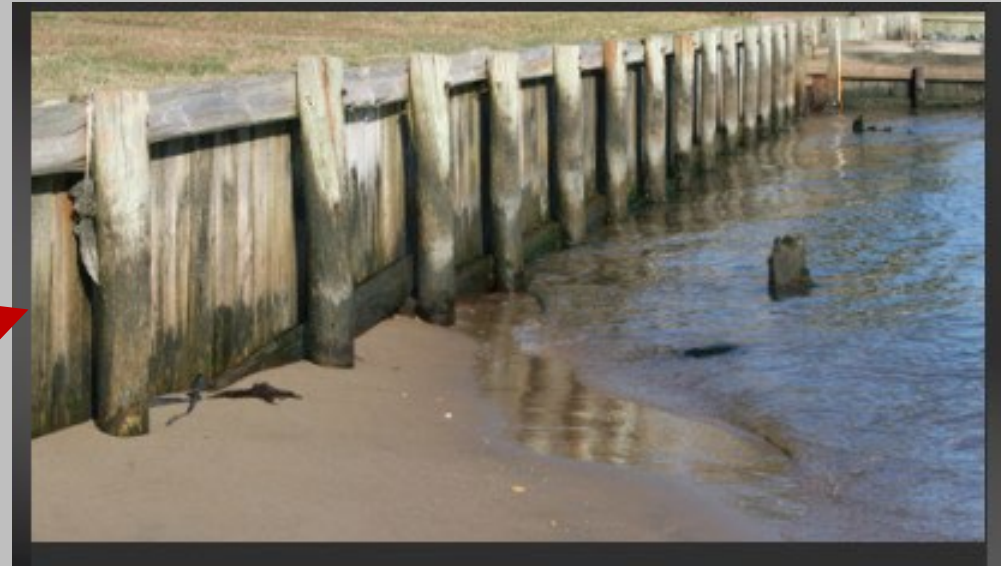
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- Revetment
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- Breakwater
- Groin
- Other



Definitions

Bulkhead: Bulkheads are vertical structures, generally built just seaward of the area to be protected and backfilled with fill material. They function like a retaining wall, as they are designed to retain upland soil and prevent erosion of the bank from impinging waves. Bulkheads are traditionally built of treated wood, steel, vinyl, or plastic.

MapMyShore



User data input options:

Add Coastal Erosion Protection Structure

Note:

If a **single segment** of shoreline has multiple structure types present (e.g., *Rock sill channelward of a bulkhead*), select each type present in the list below.

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Select Structure:

- Bulkhead
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- Rock Sill
- Oyster Reef Structure
- Coir Log
- Breakwater
- Groin
- Other

Locate the Structure on the map: *

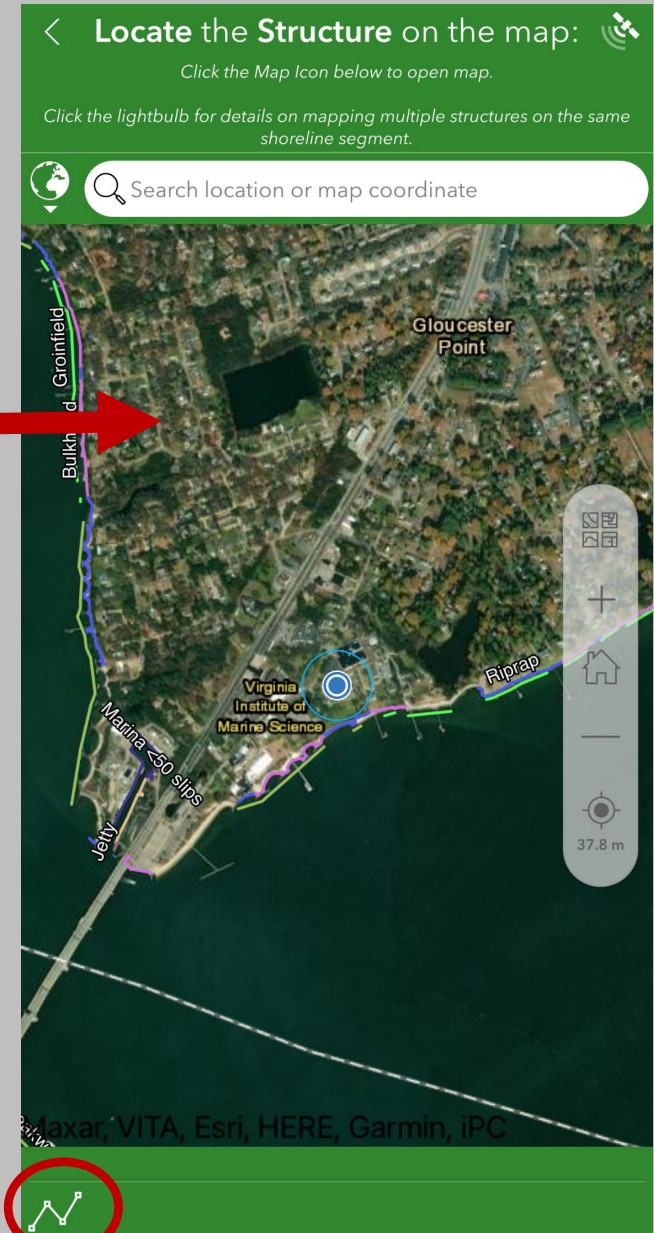
Click the Map Icon below to open map.

Click the lightbulb for details on mapping multiple structures on the same shoreline segment.



*Required

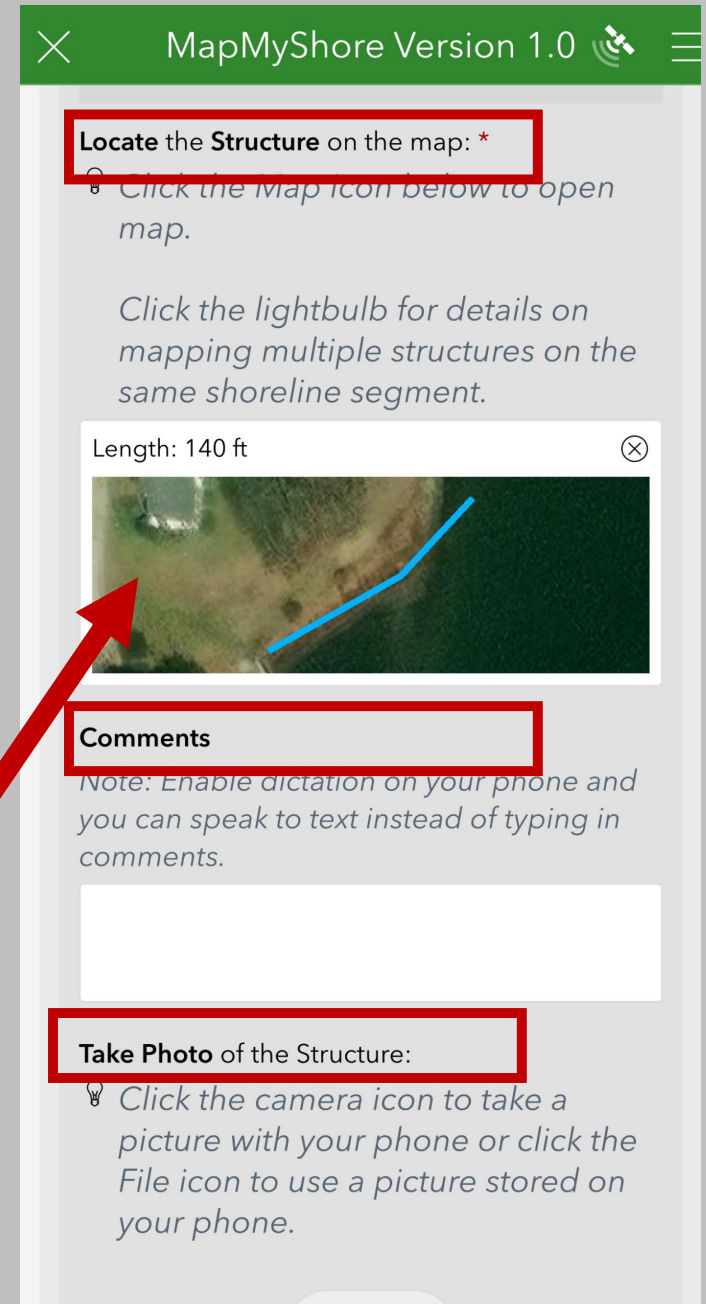
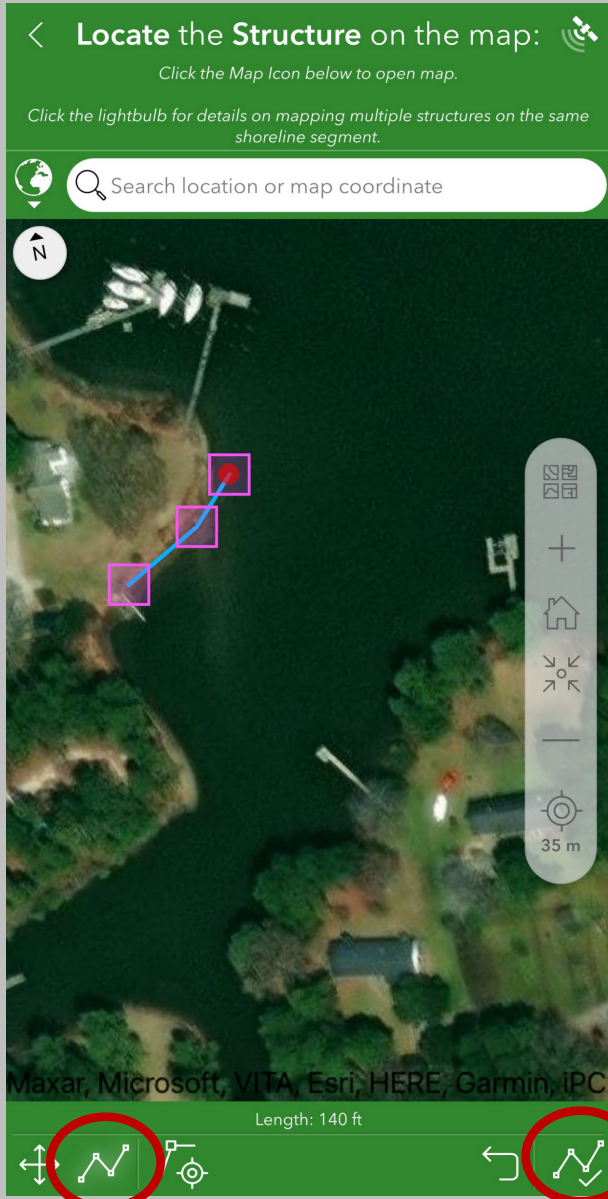
Lines, Points, Polygons



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User data input options:



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Add Cultural Feature

Name of Cultural Feature

Locate the Cultural Feature on the map:
*
Click the Map Icon below to open map

Comments/Description for Cultural Feature

Photo: Use the camera icon to take a photo
You may take more than one photo

To add another Cultural feature, click the "+"
(below, right)

1 of 1

To add a different Shoreline Inventory Feature Type, click the "+" (below, right)

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Add Natural Buffer

Select Buffer Type:


- Tidal Marsh
- Beach
- Dune

Select the Dominant Marsh Plant(s):
Select only the DOMINANT species:

- Saltmarsh cordgrass (Spartina alterniflora)
- Saltmeadow hay (Spartina patens)
- Black Needlerush (Juncus roemerianus)
- Marsh elder (Iva frutescens)
- Big cordgrass (Spartina cynosuroides)
- Narrow-leaved cattail (Typhus angustifolia)
- Broad-leaved cattail (Typhus latifolia)
- Pickerel-weed (Pontederia cordata)
- Arrow-arum (Peltandria virginica)
- Common reed (Phragmites australis)

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Presence of Phragmites



Outline the limits of Phragmites on the map:
*
Click the Map Icon below to open map

Comments for Phragmites

Photos of Phrag: Use the camera icon below to take a photo

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Add Recreational or Navigational Structure

Please select one:

- Boat House
- Boat Ramp
- Community Pier
- Jetty
- Marina
- Pier/Dock
- Wharf
- Other

Is the Boat Ramp publicly or privately owned?

Please select one:

- Private
- Public
- Unknown

Locate the Ramp on the map: *
Click the Map Icon below to open map

Comments for Recreational and

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Select the Land Use(s) Present along a section of Shoreline:

Select all land uses in list below that are present along shoreline section:

💡 *What if the Land Cover is not on the list?*

- Agricultural
- Industrial/Commercial
- Paved
- Residential

Identify the section of shoreline where the inventoried land use(s) are present. *

Click the Map Icon below to open map

💡 *How to identify where the land use(s) is located on the map?*

Land Use Comments:

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Add Shoreline Bank Condition

Bank Height (Select Range):

- Low: 0-1.5 m (or 0-5 ft)
- High: 1.5-9 m (or 5-30 ft)
- Bluff: Greater than 9 m (or Greater than 30 ft)

[Mobile Phone Inclometer/Slope App Recommendations](#)

Bank Slope (Select Range):

- Flat (Less than 2.9 degrees)
- Low Slope (2.9 -10 degrees)
- Moderate Slope (Greater than 10 up to 20 degrees)
- Steep Slope (Greater than 20 up to 45 degrees)
- Very Steep Slope (Greater than 45 degrees)

Locate the Bank Observation area on the map: *

Click the Map Icon below to open map

Comments for Bank Conditions

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▼ Resources

[CCRM Virginia Shoreline & Tidal Marsh Inventory web page](#)

[Glossary](#)

[Community Science Shoreline Inventory Dashboard](#)

[Field Guide to Virginia Salt and Brackish Marsh Plants](#)

[Mobile Phone Inclinometer/Slope App Recommendations](#)

VIMS Shoreline & Tidal Marsh Inventory Glossary p. 1

Glossary of Shoreline Features

Glossary of Shoreline Features Defined

Agricultural - Land use defined as agricultural includes farm tracts that are cultivated and crop producing. The...

Bank Cover - "Cover" can i...

Bank Height

Marsh Inventory / Virginia

Shoreline & Tidal Marsh Inventory

Marsh Inventory is a series of reports that describe the condition of tidal shorelines for nonwealth of Virginia. This inventory series started with historic reports produced in the 1970s. The inventory series was updated in 1998 to the present using a combination of ground-based data (GIS, Global Positioning System (GPS), and remote sensing technology.

Virginia Coastal Resources Tool

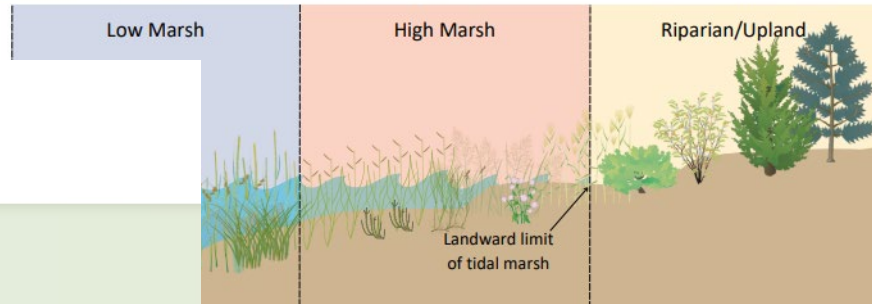
DASHBOARDS

← Back

Locality Shoreline Inventory | River System Shoreline Inventory | Shoreline Management Model | Community Science Data

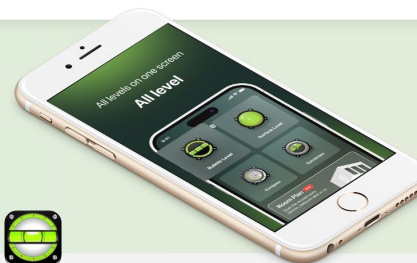
Coming September 2024!

Field Guide to Virginia Salt and Brackish Marsh Plants



Best Apps

Highest scored apps in the category



Bubble Level for iPhone

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▼ About MapMyShore

▶ Version

▶ Background

▶ Partnerships

▼ Questions?

Questions regarding this survey or the Shoreline Inventory?

Contact:

[Email CCRM](#) or call (804) 684-7273



▶ App Instructions

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[About MapMyShore](#)

[App Instructions](#)

Submit

Select Structure:

Bulkhead



Revetment



Rock Sill

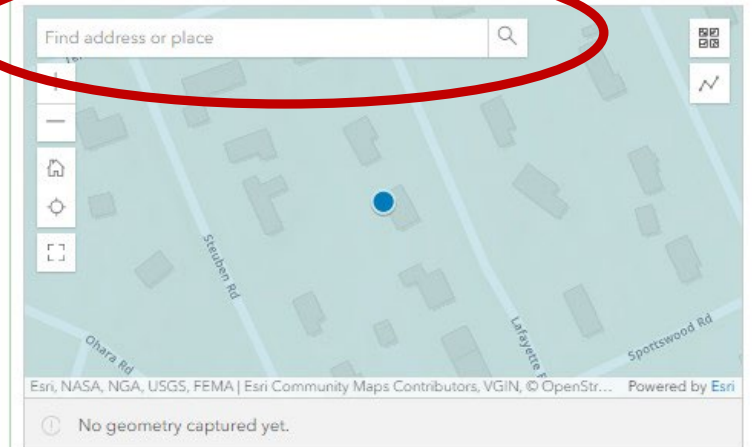


Locate the Structure on the map:*

Click the Map Icon below to open map.

Click the lightbulb for details on mapping multiple structures on the same shoreline segment.

Details



Comments

Note: Enable dictation on your phone and you can speak to text instead of typing in comments.

255

Take Photo of the Structure:

Click the camera icon to take a picture with your phone or click the File icon to use a picture stored on your phone.

Details

1 Drop image here or select image



MapMyShore



Questions?

Christine@vims.edu

Karinna@vims.edu



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