

Coastal Resilience Web Explorer User Portal Training

DCR Office of Resilience Planning



Contents

- Background web explorer and user portal
- Getting access to the user portal
- Understanding workflows and submission statuses
- Creating and editing projects, initiatives and funding opportunities

VIRGINIA COASTAL RESILIENCE WEB EXPLORER

Ver 1.0



Background

Coastal Resilience Web Explorer

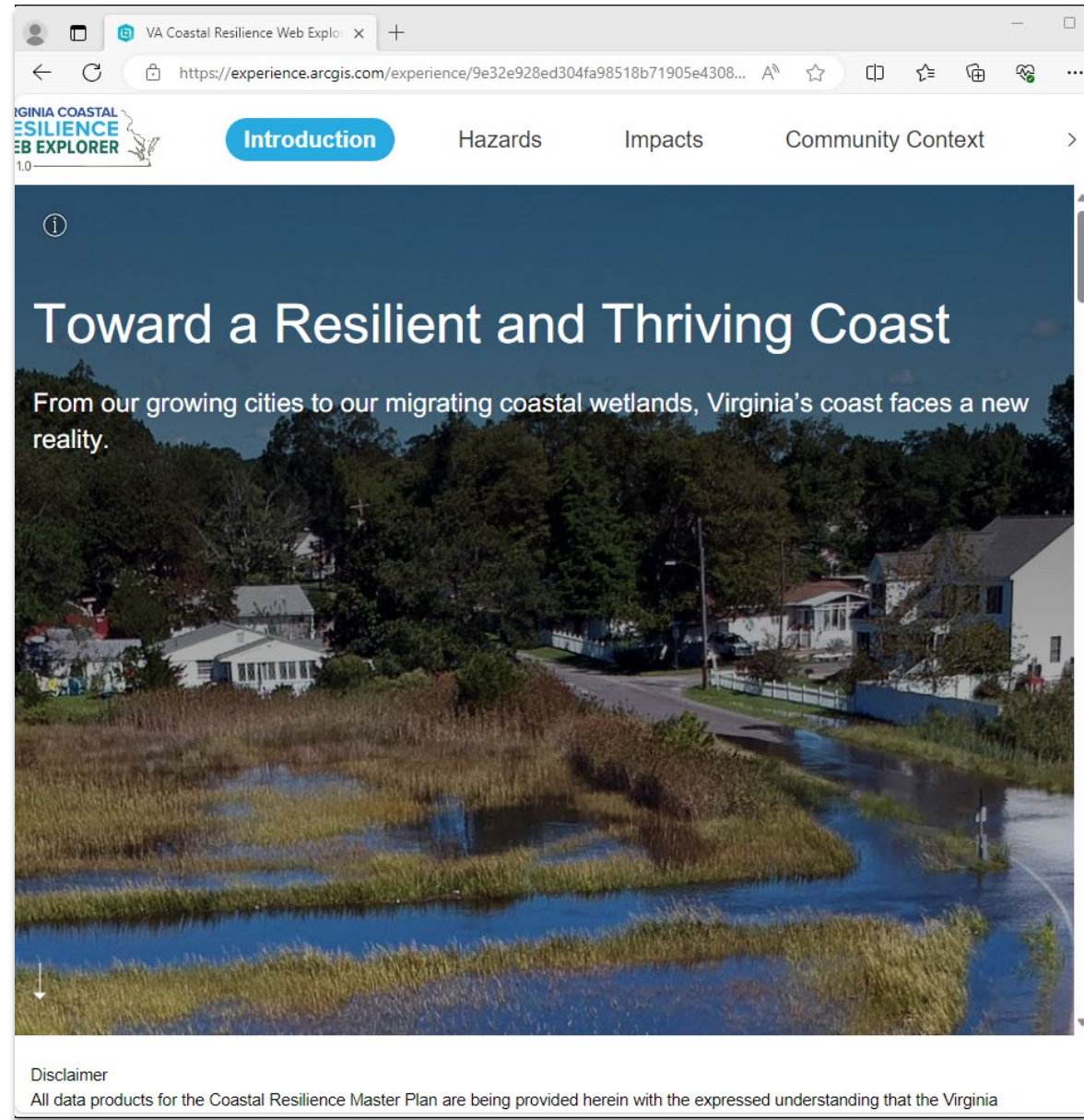
Allows users to interact with products of the Coastal Resilience Master Plan

Includes maps and other visualization tools, data viewers and downloads, and links to external resources

Features:

- Projects and Initiatives
- Funding Opportunities

Visit online: dcr.virginia.gov/crmp/cr-web-explorer



Background

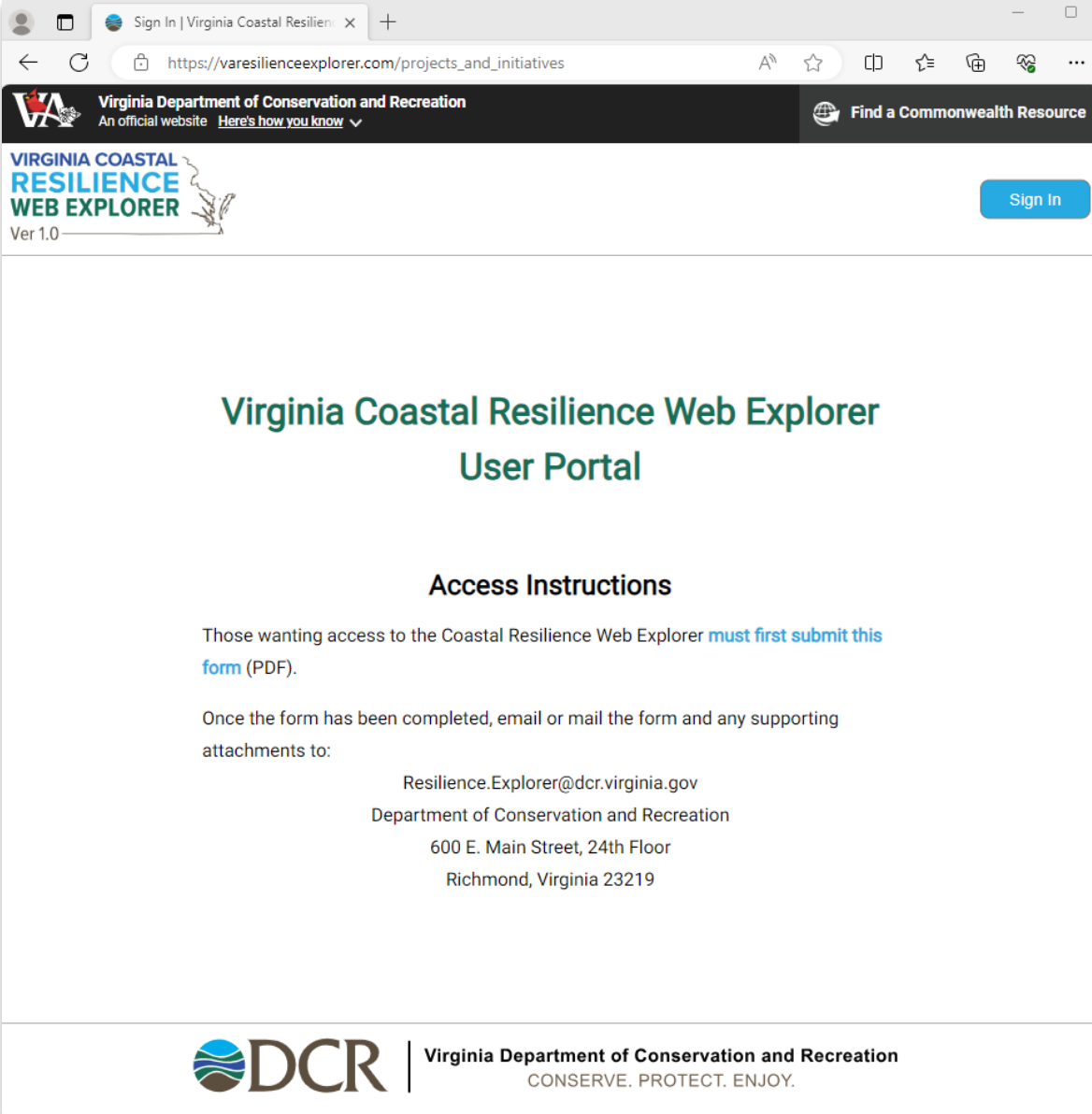
User Portal for the Web Explorer

New online platform connected to the Coastal Resilience Web Explorer.

Provides continuous access for coastal resilience practitioners to submit and edit Initiatives, Projects, and Funding Opportunities that appear in the portal.

Once approved by DCR for completeness, submitted entries will appear on the web explorer.

Visit online: varesilienceexplorer.com



Sign In | Virginia Coastal Resilience Explorer

https://varesilienceexplorer.com/projects_and_initiatives

Virginia Department of Conservation and Recreation
An official website [Here's how you know](#)

Find a Commonwealth Resource

VIRGINIA COASTAL RESILIENCE WEB EXPLORER
Ver 1.0

Sign In


Virginia Coastal Resilience Web Explorer User Portal

Access Instructions

Those wanting access to the Coastal Resilience Web Explorer [must first submit this form](#) (PDF).

Once the form has been completed, email or mail the form and any supporting attachments to:

Resilience.Explorer@dcr.virginia.gov
Department of Conservation and Recreation
600 E. Main Street, 24th Floor
Richmond, Virginia 23219

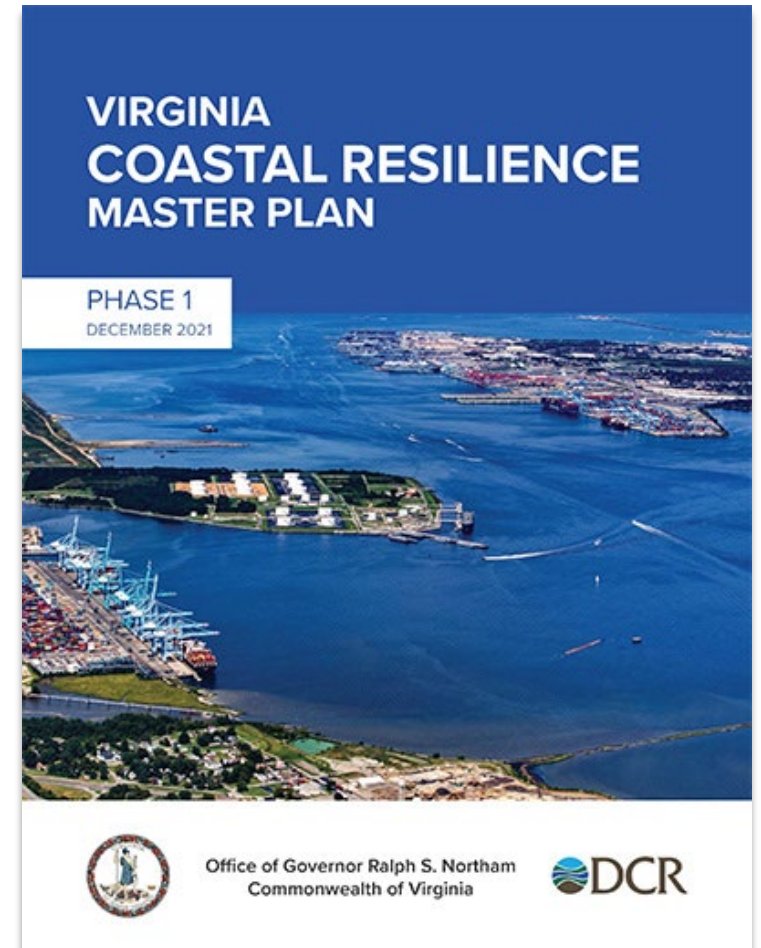
 | Virginia Department of Conservation and Recreation
CONSERVE. PROTECT. ENJOY.

How will DCR use the projects and initiatives submitted?

Coastal Resilience Master Plan, Phase II

Only those projects and initiatives submitted to the User Portal will be considered for inclusion in the Coastal Resilience Master Plan, Phase II.

- The submission deadline for inclusion in the plan has not yet been established.
- We expect the deadline will be in Q2 2024.
- DCR will publish this deadline via its newsletter, website, and emails to PDCs once established.



Other benefits to appearing in the explorer may include...

- **Automatic matching with potential funding** sources for projects and initiatives appearing in the web explorer.
- **Increased visibility for resilience needs** with regional, state, and federal actors.
- **Opportunity to communicate to the public** a complete pipeline of a locality's or PDC's resilience initiatives and projects.
- **Potential to identify complementary projects and initiatives** to multiply outcomes.

How will the funding opportunities be used?

Detailed information about funding opportunities will be publicly available via the Coastal Resilience Web Explorer.

- The Explorer will **automatically match submitted projects and initiatives with the funding opportunities** to suggest potential funding sources.
- Funding information may assist local governments and other stakeholders to **identify opportunities to gain access to needed financial support.**



Getting Access

Setting up your User Portal account

- New users must submit a completed **User Access Form** (PDF) to DCR.
- Forms can be accessed via DCR's website or the user portal website.
 - dcr.virginia.gov/crmp/cr-web-explorer
 - varesilienceexplorer.com
- Submit completed forms to DCR via email at resilience.explorer@dcr.virginia.gov.
- Accounts are specific to an individual, not to an organization.
- Users can only add and edit projects for which they are the owner, or for which they have written approval from the owner's organization.



VIRGINIA COASTAL RESILIENCE WEB EXPLORER USER ACCESS FORM

User Information			
Last Name		First Name	
Organization		Title	
Street Address		City, State, Zip	
Email Address		Telephone No.	
Comments			

Account Information			
1. Request Type			
<input type="checkbox"/> New Account	<input type="checkbox"/> Modify Account	<input type="checkbox"/> Disable Account	<input type="checkbox"/> Re-enable Account
2. Access Level			
<input type="checkbox"/> Participant	<input type="checkbox"/> Manager		

List of Resilience Projects and Initiatives for Access (Owner Approval Required)			
<input type="checkbox"/> All owner entries	<input type="checkbox"/> New owner entries	<input type="checkbox"/> Some owner entries*	

*List specific project/initiatives names above and/or attach a separate list if space is needed.

Owner Information and Signature			
Last Name		First Name	
Organization		Title	
Email Address		Telephone No.	
Signature		Date	
Certification	I hereby authorize the user to have access to the above referenced projects and initiatives where my organization is listed as the owner and as such the user has the authority to provide information on behalf of my organization.		

Select "Participant" access level.

The projects and initiatives in this section correspond to the "Owner Information and Signature" section, below. Include only projects for which you are the owner or will receive approval from the owner to edit.

If you are requesting access to add/edit projects and initiatives for the organization at which you are employed, this information may be the same or similar to the information submitted in the "User Information" section, above.

Forms should be signed by someone at the organization with the authority to provide permissions to publicize project and initiative details.



List of Funding Opportunities for Access (DCR Approval Required)			
Funding source(s)			
<input type="checkbox"/>	All funding source entries	<input type="checkbox"/>	New funding source entries
<input type="checkbox"/>		<input type="checkbox"/>	Some funding source entries*

*List specific funding opportunities above and/or attach a separate list if space is needed.

Virginia Coastal Resilience Web Explorer Access Terms, Conditions, and Disclaimers

The data contained throughout this site, and any associated maps, project information and funding information (collectively referred to as "Data") about to be accessed from the Virginia Department of Conservation and Recreation's Coastal Resilience Web Explorer are provided as a public resource. The project information contained in this site is provided by project owner authorized users. The funding information contained in this site is source from various federal, state, and local publicly available funding opportunities. All information obtained from Coastal Resilience Web Explorer is provided "as is" and no warranties, express or implied, relating to the Data including, but not limited to implied warranties of merchantability and fitness for a particular purpose. You, as the USER, ACCEPT ALL RISKS THAT THE DATA MAY NOT MEET ANY OR ALL USER EXPECTATIONS.

The Department of Conservation and Recreation will make reasonable efforts to assure that the data is complete. However, no guarantee is made as to the accuracy of user provided data. The Department of Conservation and Recreation will is not the authoritative data source for the project, initiatives, or funding information contained on this site.

By my signature below, I certify that I have read and accepted the disclaimer above.

User Signature:

Date:

Authorized DCR Administrator Signature:

Date:

Once the form has been completed, email or mail the form and any supporting attachments to:

RESILIENCE.EXPLORER@DCR.VIRGINIA.GOV

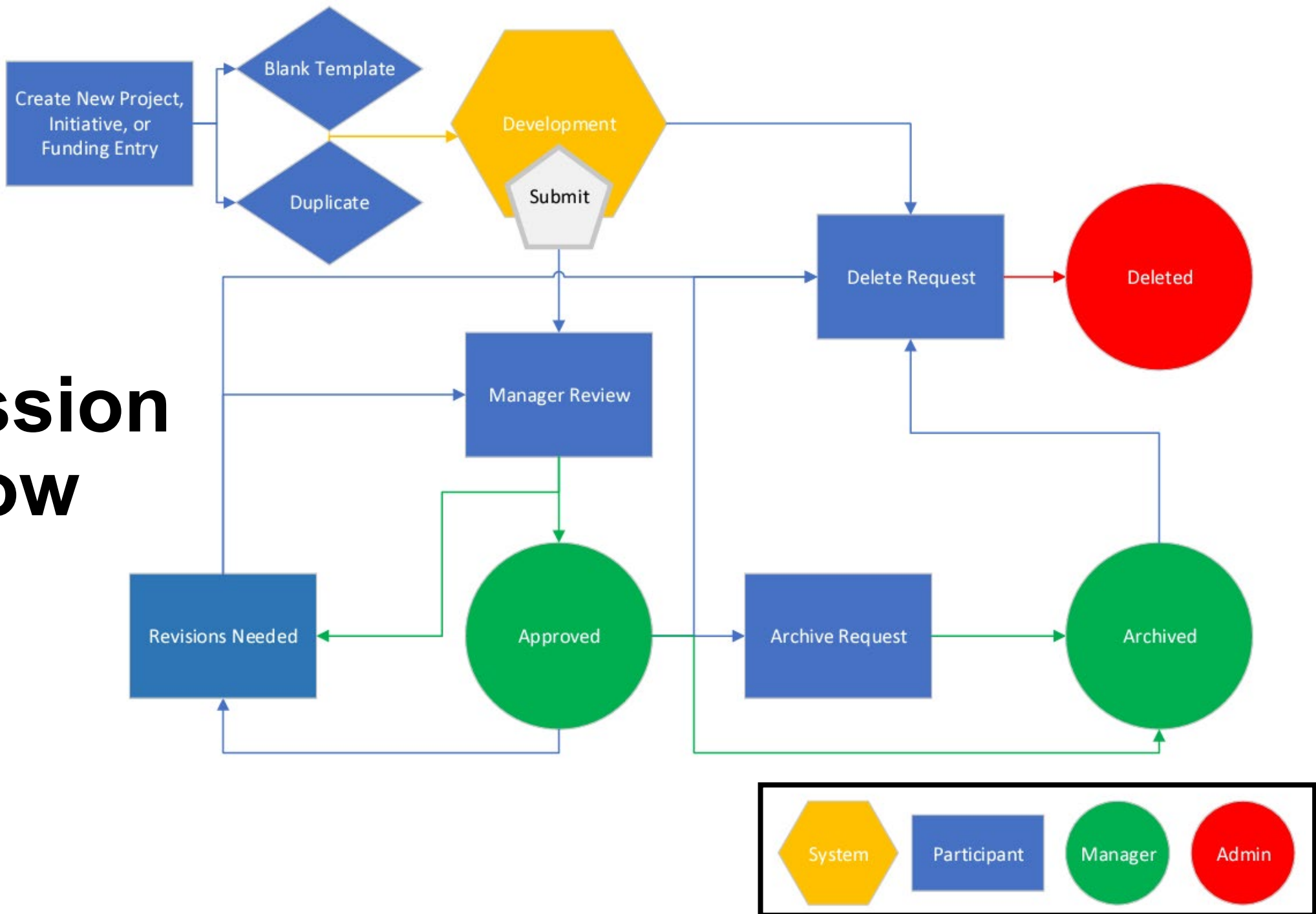
or

Department of Conservation and Recreation
600 E. Main Street, 24th Floor, Richmond, Virginia 23219

If you would like the ability to add and edit funding opportunities, write in the names of the funding organization(s) for which you would like access. (For example, "NOAA," "FEMA," "USACE".) You may also indicate "all".

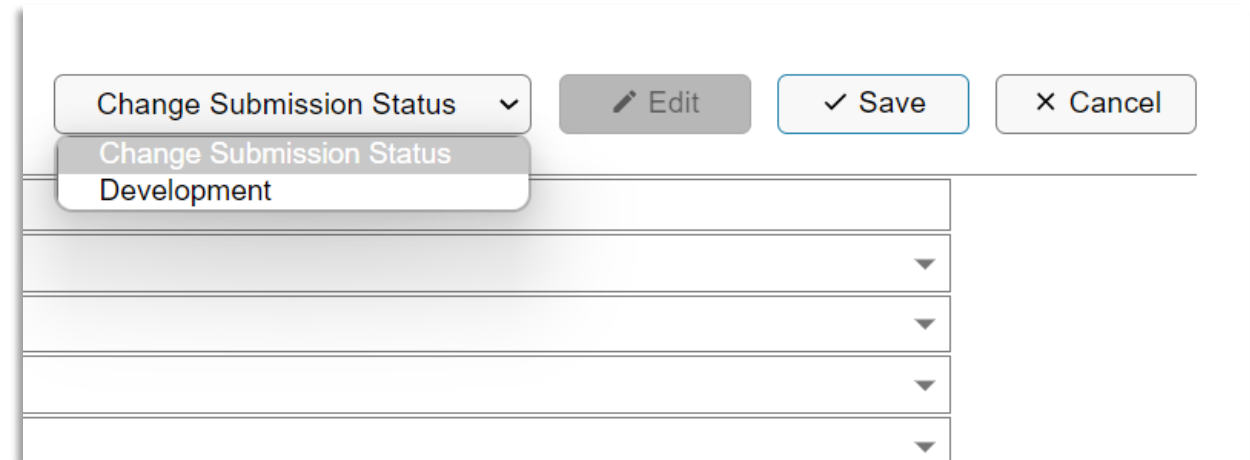
Please be patient with us as we review and approve all users manually. Once approved, you will receive an email confirming your access from DCR. Don't hesitate to follow-up if you do not hear back from us. Contact us with any questions!
Email: resilience.explorer@dcr.virginia.gov

Submission Workflow

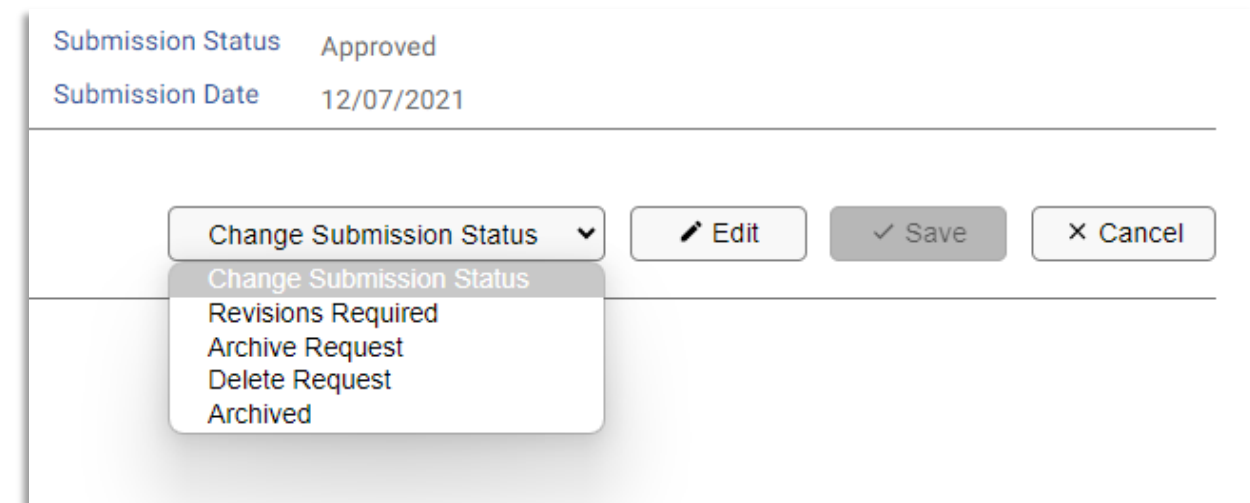


Submission Status

- Within the submission workflow, users must manually change and save updates to a submission status to advance an entry for DCR review and publication.
- Once approved, users will have the option to move an entry back to **development** for edits, **archive** an entry that has concluded, or **delete** an entry that was created in error or is a duplicate.
- Changes in submission status will send an automatic email notification to the entry submitter and owner.



This screenshot shows a user interface for changing a submission status. At the top, there is a dropdown menu labeled "Change Submission Status" with a downward arrow. Below it, the dropdown is open, showing "Development" as the selected option. To the right of the dropdown are three buttons: "Edit" (with a pencil icon), "Save" (with a checkmark icon), and "Cancel" (with an 'X' icon). Below the dropdown, there are four rows of a table, each with a downward arrow on the right side, indicating a list of items.



This screenshot shows a user interface for changing a submission status. At the top, there is a dropdown menu labeled "Change Submission Status" with a downward arrow. Below it, the dropdown is open, showing several options: "Revisions Required", "Archive Request", "Delete Request", and "Archived". To the right of the dropdown are three buttons: "Edit" (with a pencil icon), "Save" (with a checkmark icon), and "Cancel" (with an 'X' icon). Above the dropdown, there is a table with two rows: "Submission Status" with the value "Approved" and "Submission Date" with the value "12/07/2021".

Projects and Initiatives

Creating a New Project or Initiative

- Users logged into the Portal will automatically see the “Projects and Initiatives” page, with any entries they have access to edit in view (up to the total number of visible entries selected).
- To create a new project, users can click either “New Project” or “New Initiative” for a blank template, or “Copy Existing...” to use an existing project’s details as a starting point.



Projects and Initiatives | Funding Opportunities | My Profile | Admin

Home > Projects and Initiatives

Projects and Initiatives Summary

New Project | New Initiative | Copy Existing to Make a New Project/Initiative

Name	Category	Phase	Owner	Submitter	Submission Status	Submission Date
18th Street Drainage Improvements	Project	Construction/Implementation	Chesapeake	Crystal Bloom	Approved	12/07/2021
1. Crow's Nest Peninsula and Estuary Conservation	Project	Proposed	Northern Virginia Conservation Trust	Rentz Hilyer	Approved	12/07/2021
2019 FMA	Project	Programmed	Gloucester County	Anne Payne	Approved	12/07/2021
5th Street Improvements	Project	Proposed	Hampton	Scott Smith	Approved	12/07/2021
Aberdeen Gardens Drainage Improvements	Project	Proposed	Hampton	Scott Smith	Approved	12/07/2021

Click to select or double click to select and open the project or initiative details

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View All | Reset Filters

Projects and Initiatives

Creating a New Project or Initiative

- This will take you to a new page at which you can enter the entry details.
- Click the “Edit” button to get started.
- Submit as much detail as you are able, taking care to complete all required fields indicated with an asterisk.
- If unsure about a required field, you can submit placeholder character text to permit saving the entry as draft.

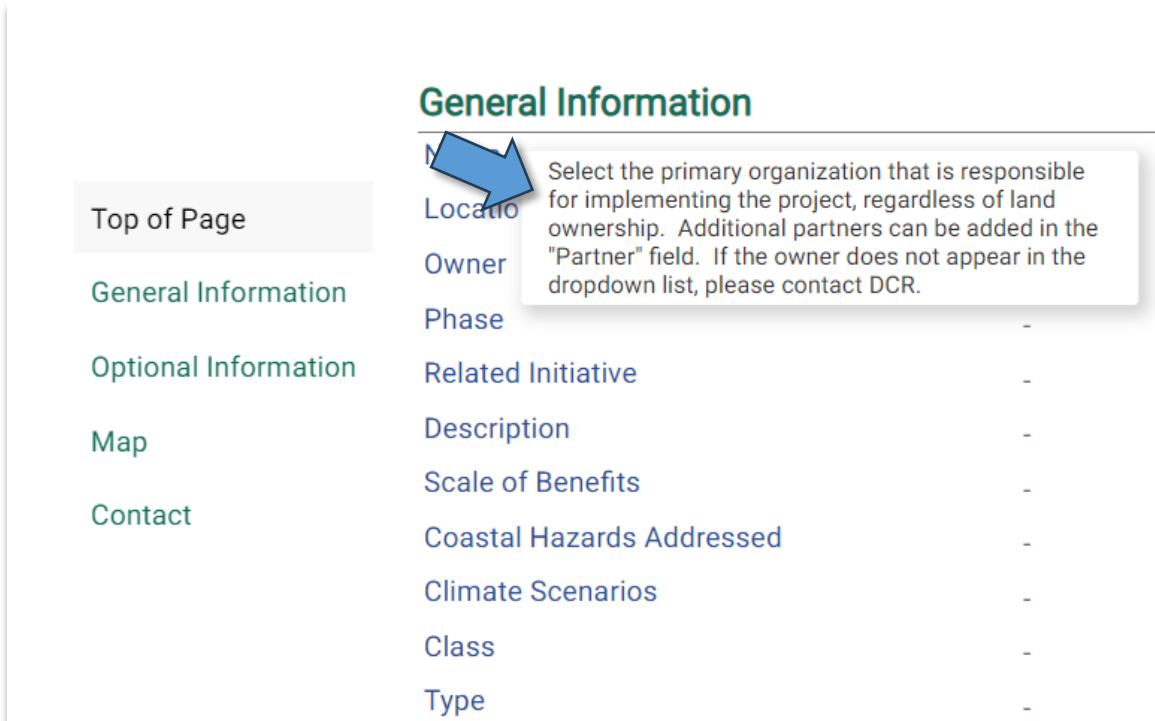
The screenshot shows the 'Virginia Coastal Resilience Web Explorer' interface. At the top left is the logo with 'Ver 1.0'. On the top right are 'FAQ' and 'Sign Out' buttons. A navigation bar includes 'Projects and Initiatives', 'Funding Opportunities', 'My Profile', and 'Admin'. Below this is a breadcrumb trail: 'Home > Projects and Initiatives > Project Details'. A table lists fields: ID, Name, Location, Owner, Location CID, Submitter, Submitter Email, Submission Status, and Submission Date. The main form area has a 'Change Submission Status' dropdown, an 'Edit' button (highlighted with a blue box), and a 'Save' button. A sidebar on the left lists sections: 'Top of Page', 'General Information', 'Optional Information', 'Map', and 'Contact'. The 'General Information' section is expanded, showing fields for Name, Location, Owner, Phase, Related Initiative, and Description, each with a red asterisk indicating it is required. The form fields are currently in a read-only state.

Once clicked, the “Edit” button becomes unavailable and the fields in the form become editable.

Projects and Initiatives

Creating a New Project or Initiative

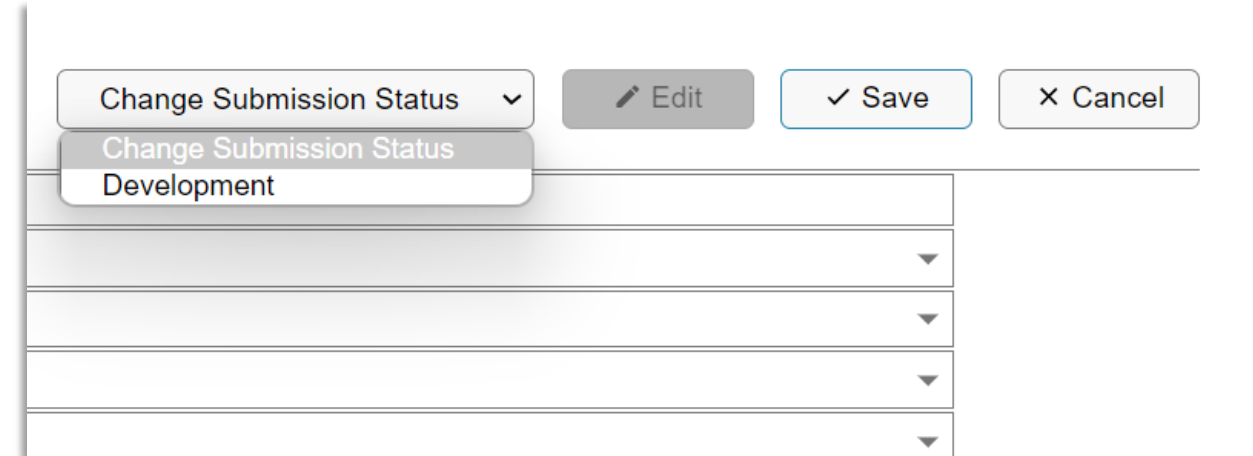
- Hovering over the name of a field will provide ToolTip instructions for what information to include.
- Once the fields are complete, you can click “Save” to submit the project for DCR’s review.
- To save your entry as draft, click the “Change Submission Status” button and select “Development” before clicking the “Save” button.



General Information

Map	Location	-
Top of Page	Owner	-
General Information	Phase	-
Optional Information	Related Initiative	-
Map	Description	-
Contact	Scale of Benefits	-
	Coastal Hazards Addressed	-
	Climate Scenarios	-
	Class	-
	Type	-

Select the primary organization that is responsible for implementing the project, regardless of land ownership. Additional partners can be added in the "Partner" field. If the owner does not appear in the dropdown list, please contact DCR.



Change Submission Status ▾

Change Submission Status
Development

Edit Save Cancel

Projects and Initiatives

Creating a New Project or Initiative

Map*

Legend

Layers

- All Initiatives
- All Projects
- Locations
- Selected Project

Project Phase

- Proposed
- Programmed
- Site Assessment/Prelim Design
- Final Design/Permitting
- Construction/Implementation
- Complete

Graduated Flood Hazards

Hide 2020 2060 2100

mapbox NANSEMOND

© Mapbox © OpenStreetMap. Improve this map

New or copied projects must be saved before adding the project polygon

Zoom to Project

Location: Select one or more

Upload a Zipped Polygon Shapefile

Browse... No file selected Upload

You will be asked to provide the geographic location of the entry to be mapped.

You will not be able to complete this section until you first “Save” the entry. This will enable the mapping feature.

There are three mapping options:

1. draw/edit on the map
2. select a predefined location
3. upload a zipped polygon shapefile.

Projects and Initiatives

Editing an Existing Project or Initiative

- From the User Portal Landing page, users can edit existing projects and initiatives to which they have access by double clicking on any row in the Projects and Initiatives Summary list.
- From there, you will be able to make any needed edits to the fields and “Save” to resubmit for DCR approval.

New Project

New Initiative

Copy Existing to Make a New Project/Initiative

Projects and Initiatives Summary

Name	Category	Phase	Owner	Submitter	Submission Status	Submission Date
<input type="text" value="Search"/>	<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="All"/>	<input type="text" value="Search"/>
18th Street Drainage Improvements	Project	Construction/Implementation	Chesapeake	Crystal Bloom	Approved	12/07/2021
1. Crow's Nest Peninsula and Estuary Conservation	Project	Proposed	Northern Virginia Conservation Trust	Rentz Hilyer	Approved	12/07/2021
2019 FMA	Project	Programmed	Gloucester County	Anne Payne	Approved	12/07/2021
5th Street Improvements	Project	Proposed	Hampton	Scott Smith	Approved	12/07/2021
Aberdeen Gardens Drainage Improvements	Project	Proposed	Hampton	Scott Smith	Approved	12/07/2021

Click to select or double click to select and open the project or initiative details



Funding Opportunities

Creating or Editing

- Click the “Funding Opportunities” tab at the top of the page to access.
- Your automatic view will be any opportunities which you have submitted.
- Click “View All” to see additional opportunities which you have access to edit.
- Functionality is basically the same as Projects and Initiatives to create a new opportunity or edit an existing opportunity.

VIRGINIA COASTAL RESILIENCE WEB EXPLORER Ver 1.0

© FAQ Sign Out

Projects and Initiatives **Funding Opportunities** My Profile Admin

Home > Funding Opportunities

New Funding Opportunity Copy Existing Funding Opportunity

Funding Opportunities Summary

Name	Status	Full Proposal Deadline	Submitter	Submission Status	Submission Date
Addressing the Impacts of Multiple Stressors on Shellfish Aquaculture Through Research/Industry Partnerships	Inactive	03/16/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Building Resilience Against Climate Effects: Implementing and Evaluating Adaptation Strategies that Protect and Promote Human Health	Inactive	06/18/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Bureau of Indian Affairs (BIA) Tribal Climate Resilience Program	Inactive	04/28/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Chesapeake Bay Environmental Restoration and Protection Program Section 510	Inactive	01/01/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Chesapeake Bay Fisheries Research Program	Inactive	04/26/2021	DCR Office of Resilience Planning	Approved	12/07/2021

Click to select or double click to select and open the funding opportunity details

Page 1 of 20 | Go to page: 1 Show 5

View All Reset Filters

Reports

Funding Opportunities List Submission Status Report

Projects and Initiatives

Downloading Reports

- From the User Portal Landing page, users can download projects and initiatives reports.
- Projects and Initiatives List: Report will include all "Approved" projects and initiatives and all projects and initiatives to which they have access.
 - * A zipped polygon shapefile download of all "Approved" projects and initiatives is pending.
- Submission Status Report: Report will include the submission status for all projects and initiatives to which they have access



VIRGINIA COASTAL RESILIENCE WEB EXPLORER Ver 1.0

FAQ Sign Out

Projects and Initiatives Funding Opportunities My Profile Admin

Home > Projects and Initiatives

New Project New Initiative Copy Existing to Make a New Project/Initiative

Projects and Initiatives Summary

Name	Category	Phase	Owner	Submitter	Submission Status	Submission Date
Adjustment to Floodplain Ordinance/Restricting Development	Initiative	N/A	Ashland	Sarah Stewart	Manager Review	09/29/2023
Ancell St. & Commonwealth Project	Project	Proposed	Alexandria	Rebecca Murphy	Manager Review	09/29/2023
Application of Floodplain Ordinance to potentially developed Local Floodplains from Project ID #28	Initiative	N/A	Ashland	Sarah Stewart	Manager Review	09/29/2023
Bellefonte Dr. Project	Project	Proposed	Alexandria	Rebecca Murphy	Manager Review	09/29/2023
Belle Isle Shoreline Restoration	Project	Proposed	Richmond	Sarah Stewart	Manager Review	09/29/2023

Click to select or double click to select and open the project or initiative details

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View All Reset Filters

Reports

Projects and Initiatives List Submission Status Report

Downloading Reports

Projects and Initiatives & Funding Opportunities

Two types of reports:

1. "List"
2. "Submission Status Report"

Both download to your desktop as an .x/sx file.

List includes approved entries submitted by any user, as well as all entries to which you have edit access.

Submission Status Report provides the current status for each entry to which you have edit access.



VIRGINIA COASTAL RESILIENCE WEB EXPLORER Ver 1.0

© FAQ Sign Out

Projects and Initiatives Funding Opportunities My Profile Admin

Home > Funding Opportunities

New Funding Opportunity Copy Existing Funding Opportunity

Funding Opportunities Summary

Name	Status	Full Proposal Deadline	Submitter	Submission Status	Submission Date
Addressing the Impacts of Multiple Stressors on Shellfish Aquaculture Through Research/Industry Partnerships	Inactive	03/16/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Building Resilience Against Climate Effects: Implementing and Evaluating Adaptation Strategies that Protect and Promote Human Health	Inactive	06/18/2021	DCR Office of Resilience Planning	Approved	12/07/2021
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Chesapeake Bay Environmental Restoration and Protection Program Section 510	Inactive	01/01/2021	DCR Office of Resilience Planning	Approved	12/07/2021
Chesapeake Bay Fisheries Research Program	Inactive	04/26/2021			12/07/2021

Click to select or double click to select and open the funding opportunity details

Page 1 of 20 | Go to page: 1 | Show 5

View All Reset Filters


Reports

Funding Opportunities List Submission Status Report

The Projects and Initiatives Reports section is in the same location on that tab.

Coastal Resilience Web Explorer

Viewing Details of Projects, Initiatives, Funding Opportunities



Introduction
Hazards
Impacts
Community Context
Projects and Initiatives
Funding Opportunities

The collected projects represented here provide an initial sample of the substantial resilience project needs within the Commonwealth. Projects were collected through a survey call issued to localities and PDCs. Future CRMP efforts will seek to extend the coverage of this database while moving to a more comprehensive capture of needs across the Commonwealth.

Select Area of Interest:

Commonwealth: Virginia

Filters:

Category: All

Hazard Addressed: All

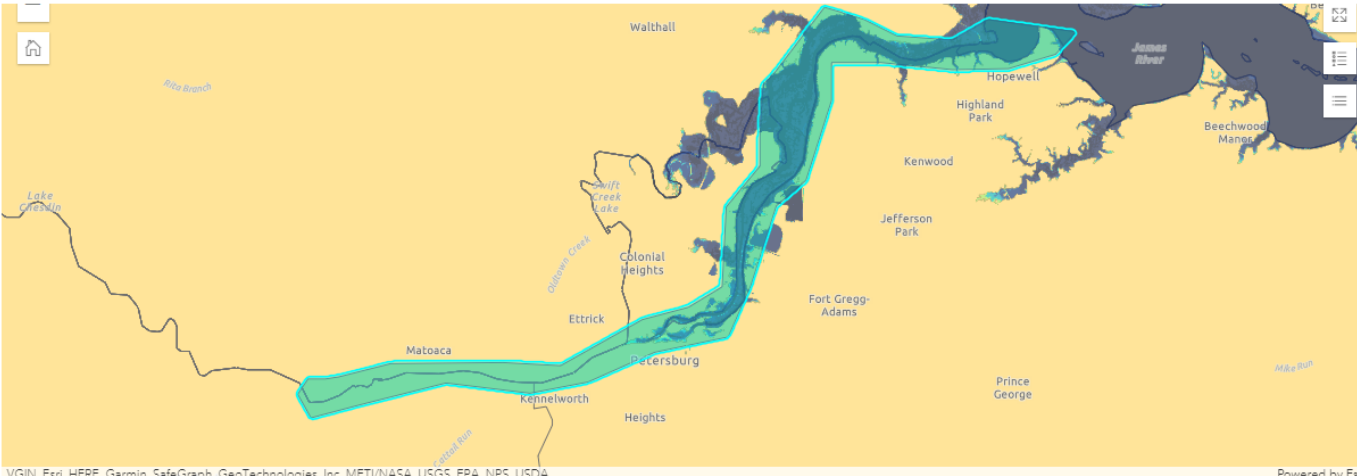
Project Class: All

[Reset All Filters & Map](#)

Additional Map Layers: [Clear Map Layers](#)

- Coastal Floodplains
- 2020
- 2040
- 2060
- 2080
- Community Resource Impact Areas +
- Critical Sector Impact Areas +
- Natural Infrastructure Impact Areas +
- Coastal Hazard and Social Vulnerability +

<input checked="" type="checkbox"/>	Name
<input type="checkbox"/>	18th Street Drainage Improvements
<input type="checkbox"/>	1. Crow's Nest Peninsula and Estuary Conservation
<input type="checkbox"/>	2019 FMA
<input type="checkbox"/>	5th Street Improvements
<input type="checkbox"/>	Aberdeen Gardens Drainage Improvements
<input type="checkbox"/>	Aberdeen Road Disconnect Wet Pond
<input type="checkbox"/>	Aberdeen School Neighborhood Park ED Wetland Retrofit
<input type="checkbox"/>	Amherst Road Wetlands
<input type="checkbox"/>	Annual Coastal Bays seagrass restoration
<input checked="" type="checkbox"/>	Appomattox River Trail (blueway and greenway)
<input type="checkbox"/>	Aquatic Center Parking Lot
<input type="checkbox"/>	Aquisition of LiDAR Data
<input type="checkbox"/>	Aragona Drainage Improvements



VGIN, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Name: **Appomattox River Trail (blueway and greenway)** The Appomattox River Trail is a 25 mile blueway and greenway under development in the Tri Cities region. This project will conserve riverfront land, improve the quality of life of the region provide safe alternative transportation and increase the economic development of the region. This recreation and transportation facility will also help protect sensitive riverfront lands to address flooding and SLR.

Location: Charles City County, Chesterfield County, Colonial Heights, Dinwiddie County, Hopewell, Petersburg, Prince George County

Type: Hybrid - Other

Coastal Hazards Addressed: Riverine Flooding, Shoreline Erosion, Storm Surge Flooding, Stormwater Flooding, Tidal Flooding

Phase: Site Assessment/Prelim Design

Owner: Friends of the Lower Appomattox River

Climate Standards: CRMP Scenarios, Rainfall Scenarios

Implementation Cost: \$25,000,000



Please Contact Us with Questions!

DCR Office of Resilience Planning
resilience.explorer@dcr.virginia.gov

