

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

The screenshot shows the homepage of the VA Coastal Resilience Web Explorer. The title bar reads "VA Coastal Resilience Web Explorer" and the URL is "https://experience.arcgis.com/experience/9e32e928ed304fa98518b71905e4308...". The page features a navigation bar with tabs for "Introduction" (which is active), "Hazards", "Impacts", and "Community Context". Below the navigation is a large image of a coastal area with houses and wetlands. Overlaid on the image is the text "Toward a Resilient and Thriving Coast" and "From our growing cities to our migrating coastal wetlands, Virginia's coast faces a new reality.". At the bottom of the page is a "Disclaimer" section which states: "All data products for the Coastal Resilience Master Plan are being provided herein with the expressed understanding that the Virginia".

Background

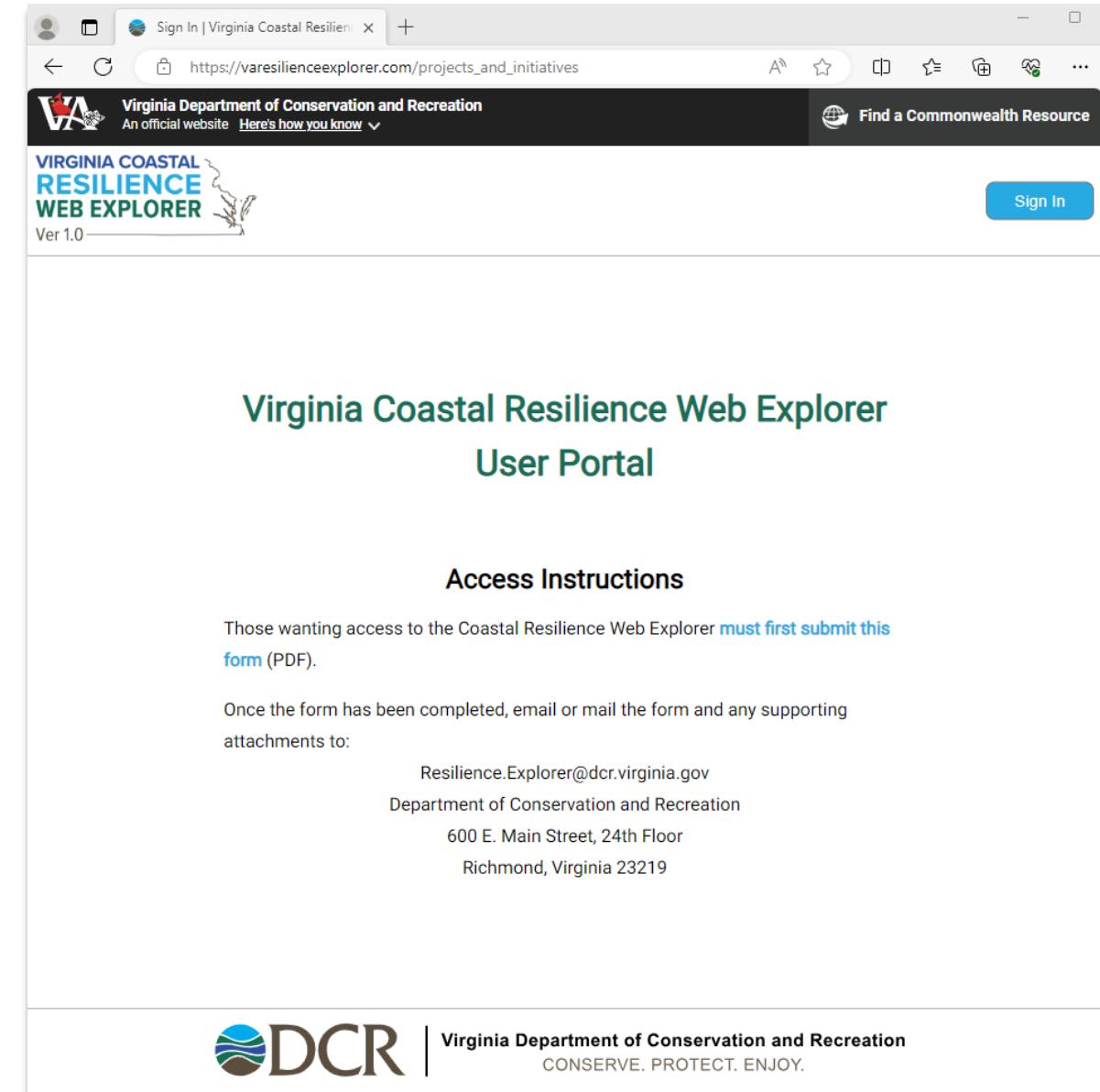
User Portal for the Web Explorer

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: [varesilenceexplorer.com](https://varesilienceexplorer.com)



The screenshot shows a web browser window displaying the "Virginia Coastal Resilience Web Explorer User Portal". The URL in the address bar is https://varesilenceexplorer.com/projects_and_initiatives. The page header includes the Virginia Department of Conservation and Recreation logo, a "Find a Commonwealth Resource" link, and a "Sign In" button. The main content area features the "VIRGINIA COASTAL RESILIENCE WEB EXPLORER" logo and version information ("Ver 1.0"). Below this, the title "Virginia Coastal Resilience Web Explorer User Portal" is displayed in large green text. A section titled "Access Instructions" provides guidance for users, stating they must submit a form (PDF) before access. It also lists the contact information for the DCR team: "Resilience.Explorer@dcr.virginia.gov", "Department of Conservation and Recreation", "600 E. Main Street, 24th Floor", and "Richmond, Virginia 23219". At the bottom, the DCR logo and the tagline "CONSERVE. PROTECT. ENJOY." are visible.

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

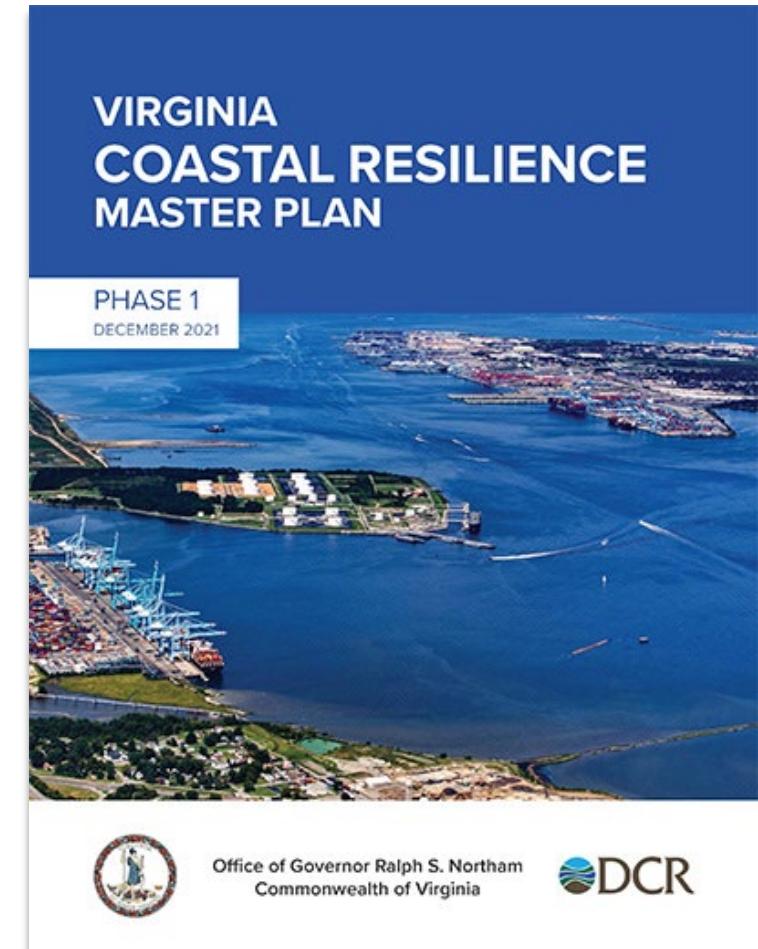
DCR | Virginia Department of Conservation and Recreation
CONSERVE. PROTECT. ENJOY.

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.

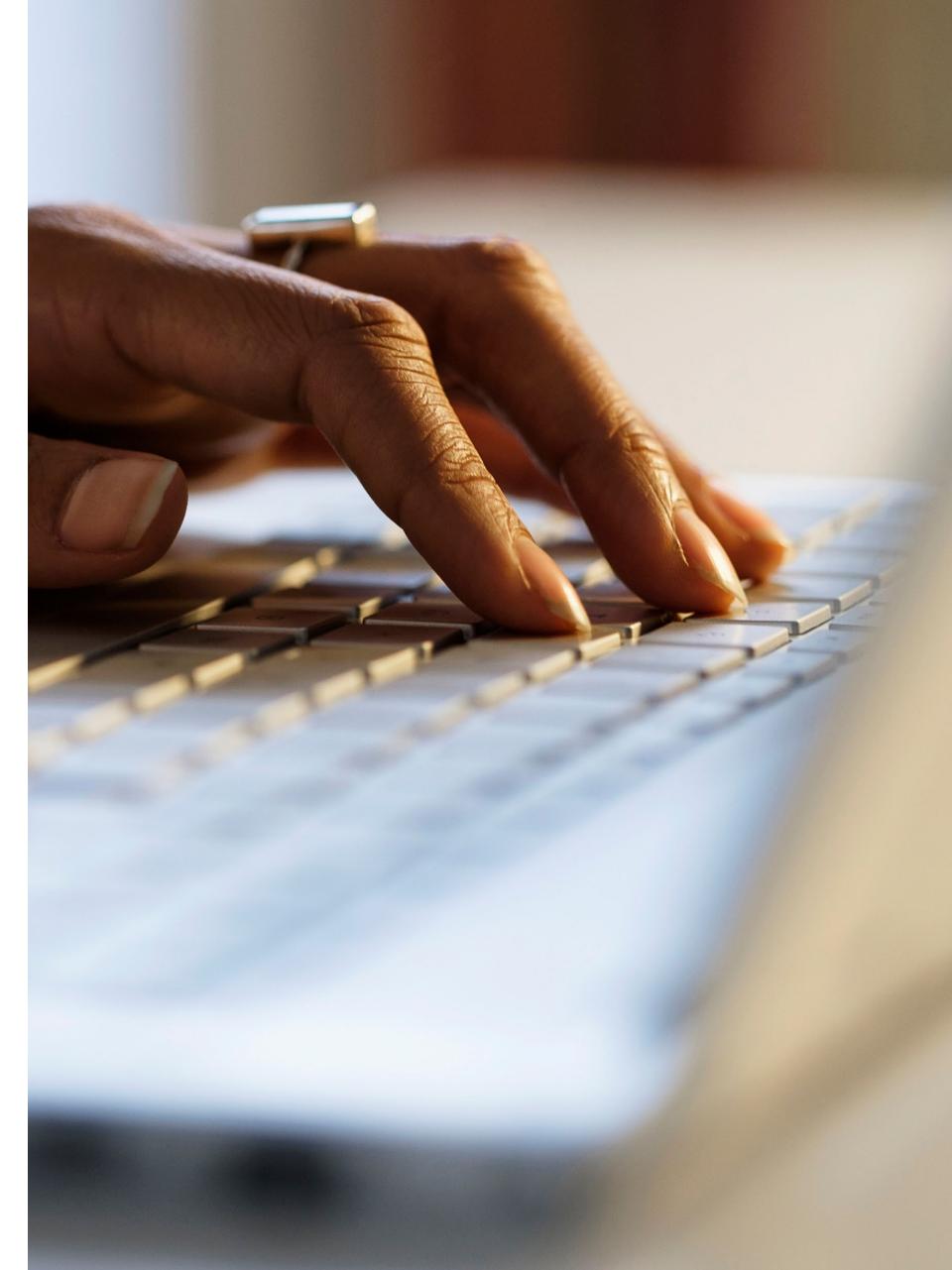
- The Explorer will **automatically match submitted projects and initiatives with the funding opportunities** to suggest potential funding sources.
- Funding information may assist local governments and other stakeholders to **identify opportunities to gain access to needed financial support**.



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"/>	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 not be 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

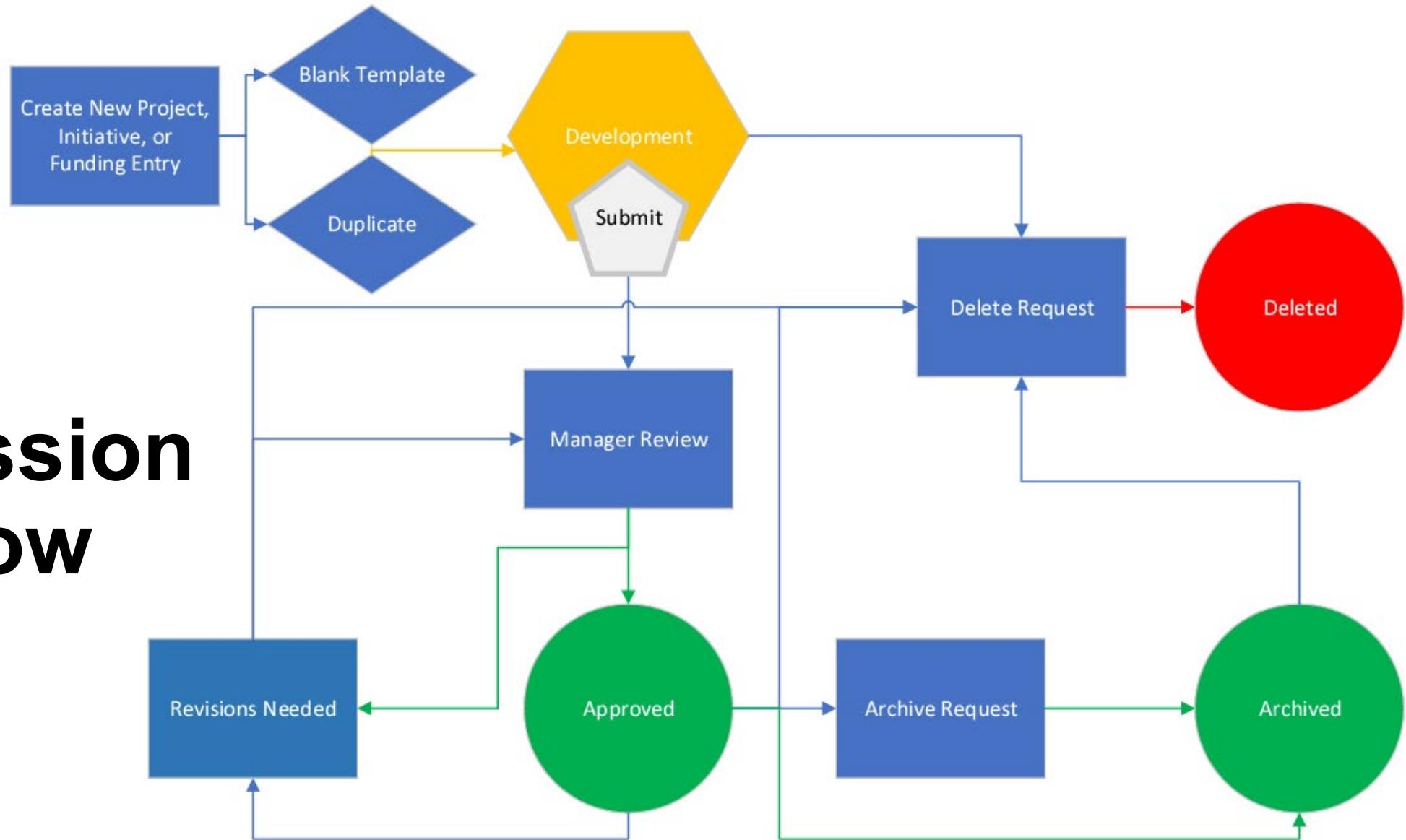
If you would like the ability to add and edit funding opportunities, write in the names of the funding organization(s) for which you would like access. (For example, “NOAA,” “FEMA,” “USACE”.)

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.

The image displays two screenshots of a software interface for managing submission status. Both screenshots show a header with buttons for 'Edit', 'Save', and 'Cancel'. A dropdown menu labeled 'Change Submission Status' is open in both cases.

Screenshot 1 (Top): The dropdown menu shows the current status as 'Development'. Other options listed are 'Approved', 'Revisions Required', 'Archive Request', 'Delete Request', and 'Archived'. Below the dropdown, there is a section with 'Submission Status' set to 'Approved' and 'Submission Date' set to '12/07/2021'.

Submission Status	Approved
Submission Date	12/07/2021

Screenshot 2 (Bottom): The dropdown menu shows the current status as 'Approved'. Other options listed are 'Development', 'Revisions Required', 'Archive Request', 'Delete Request', and 'Archived'. Below the dropdown, there is a section with 'Submission Status' set to 'Revisions Required' and 'Submission Date' set to '12/07/2021'.

Submission Status	Revisions Required
Submission Date	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.

VIRGINIA COASTAL RESILIENCE WEB EXPLORER
Ver 1.0

FAQ Sign Out

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, there's a logo for 'VIRGINIA COASTAL RESILIENCE WEB EXPLORER' with 'Ver 1.0' below it. To the right are links for 'FAQ' and 'Sign Out'. Below the header, a navigation bar includes 'Projects and Initiatives', 'Funding Opportunities', 'My Profile', and 'Admin'. A 'Print to PDF' button is also present. The main content area shows a breadcrumb path: 'Home > Projects and Initiatives > Project Details'. Below this, there are several input fields for project details, each with a dropdown arrow to its right. The fields are: ID (value: -), Name (value: -), Location (value: -), Owner (value: -), Location CID (value: -), Submitter (value: -), Submitter Email (value: -), Submission Status (value: -), and Submission Date (value: -). On the far left, a sidebar lists categories: 'Top of Page', 'General Information', 'Optional Information', 'Map', and 'Contact'. Under 'General Information', there are fields for 'Name *' (placeholder: Input Text) and 'Location *' (placeholder: Select one or more). Under 'Optional Information', there are fields for 'Owner *' (placeholder: Select one), 'Phase *' (placeholder: Select one), 'Related Initiative *' (placeholder: Select one), and 'Description *' (placeholder: Input Text). At the top right of the form area, there are buttons for 'Change Submission Status', 'Edit' (which is highlighted with a blue box), and 'Save'.

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.

Top of Page

General Information

Optional Information

Map

Contact

General Information

Location 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.

Owner

Phase

Related Initiative

Description

Scale of Benefits

Coastal Hazards Addressed

Climate Scenarios

Class

Type

Change Submission Status ▾

Change Submission Status
Development

Edit Save Cancel

Projects and Initiatives

Creating a New Project or Initiative

Map *

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

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.

VIRGINIA COASTAL RESILIENCE WEB EXPLORER Ver 1.0

FAQ Sign Out

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
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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

View All Reset Filters

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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

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

Home > Funding Opportunities

New Funding Opportunity Copy Existing Funding Opportunity

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**

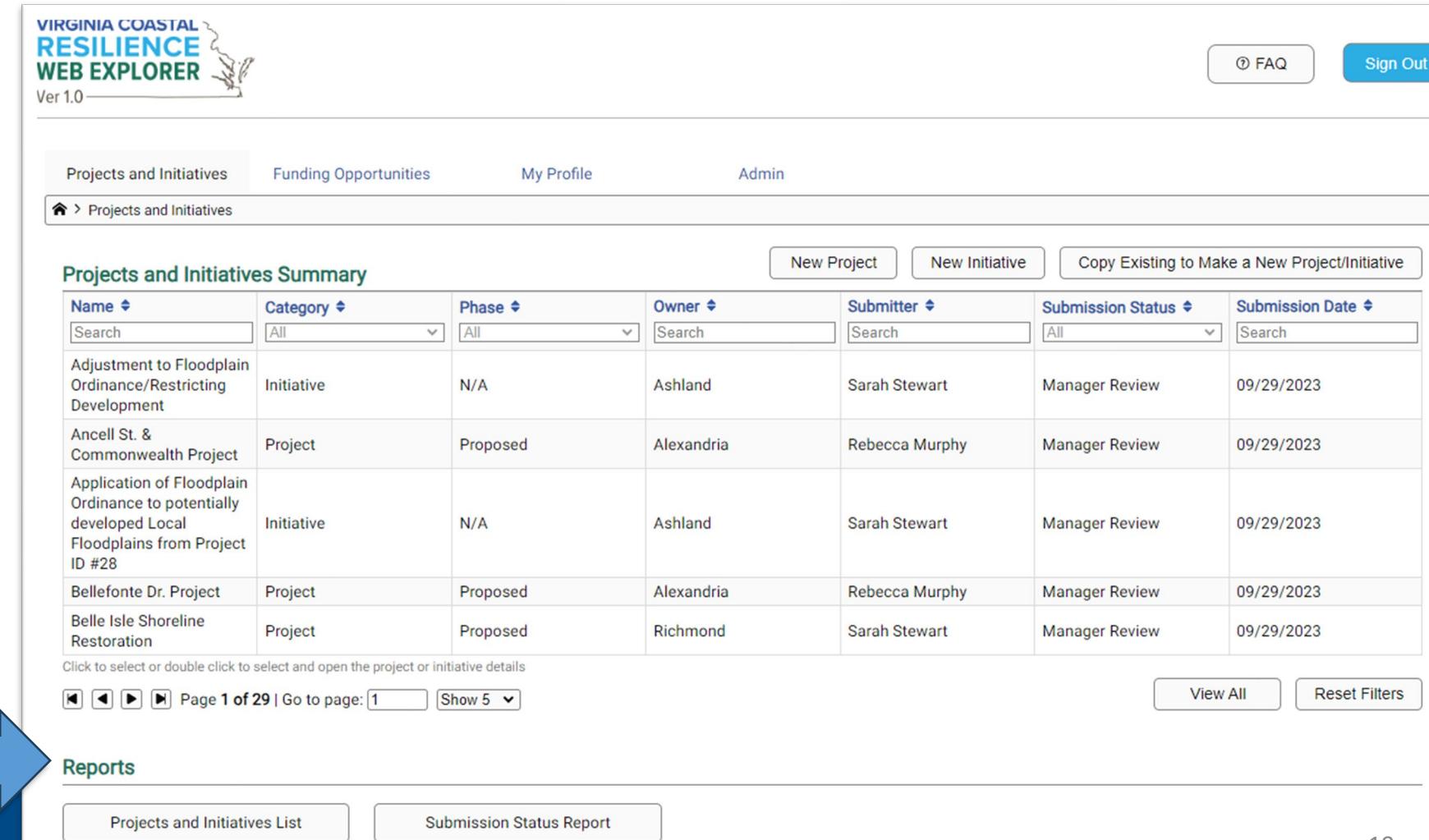
Reports

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



The screenshot shows the 'Projects and Initiatives' section of the 'VIRGINIA COASTAL RESILIENCE WEB EXPLORER' application. At the top, there's a logo for 'VIRGINIA COASTAL RESILIENCE WEB EXPLORER' with 'Ver 1.0' below it. To the right are links for 'FAQ' and 'Sign Out'. Below the header, a navigation bar includes 'Projects and Initiatives' (which is active), 'Funding Opportunities', 'My Profile', and 'Admin'. A breadcrumb trail shows 'Home > Projects and Initiatives'. On the right side of the header are buttons for 'New Project', 'New Initiative', and 'Copy Existing to Make a New Project/Initiative'. The main content area is titled 'Projects and Initiatives Summary'. It features a table with columns: Name, Category, Phase, Owner, Submitter, Submission Status, and Submission Date. The table contains six rows of data. At the bottom of the table, there's a note: 'Click to select or double click to select and open the project or initiative details'. Navigation controls at the bottom left include arrows for page navigation, and a page number 'Page 1 of 29 | Go to page: 1' with a dropdown for 'Show 5'. On the right, there are 'View All' and 'Reset Filters' buttons. A blue arrow points from the bottom left towards the 'Reports' section at the bottom of the page.

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

◀ ▶ Page 1 of 29 | Go to page: 1 Show 5

View All Reset Filters

Reports

Projects and Initiatives List Submission Status Report

Downloading Reports

Projects and Initiatives & Funding Opportunities

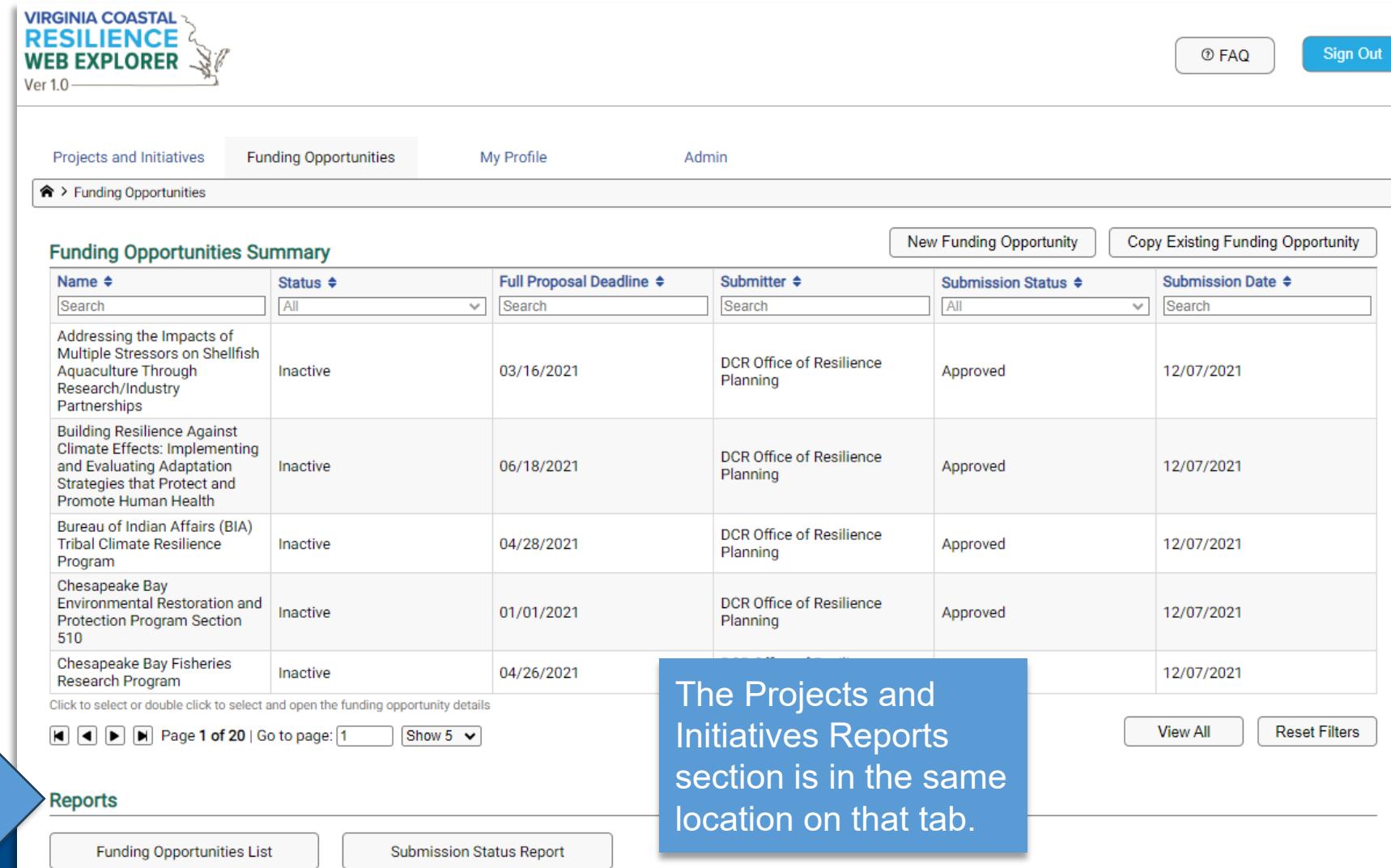
Two types of reports:

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.



The screenshot shows the 'Funding Opportunities' section of the web explorer. At the top, there's a navigation bar with 'Projects and Initiatives', 'Funding Opportunities' (which is active and highlighted in blue), 'My Profile', and 'Admin'. Below the navigation is a breadcrumb trail: Home > Funding Opportunities. The main area is titled 'Funding Opportunities Summary' and contains a table with six columns: Name, Status, Full Proposal Deadline, Submitter, Submission Status, and Submission Date. The table lists five funding opportunities, all of which are marked as 'Inactive'. A callout box with a blue arrow points to the 'Funding Opportunities List' button at the bottom of the page, stating: 'The Projects and Initiatives Reports section is in the same location on that tab.'

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

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

VIRGINIA COASTAL RESILIENCE WEB EXPLORER Ver 1.0

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 (selected), 2080

Community Resource Impact Areas

Critical Sector Impact Areas

Natural Infrastructure Impact Areas

Coastal Hazard and Social Vulnerability

Name: Appomattox River Trail (blueway and greenway)

Description: 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



Powered by Esri

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



Please Contact Us with Questions!

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

