



# RISE Release 2.9.0

June 1, 2022

## Release Description

RISE Release 2.9.0 is a minor release. It addresses 35 issues, including three bugs and six additional changes to the RISE website, one change to the RISE map interface, two data updates in the RISE database, three bugs and 17 changes to the Data Administration User Interface, and two Drupal updates. Changes to the RISE website include the addition of location details pages that display information about each RISE location and link to the datasets associated with the location, enhancements to the time series plotting feature to add interactive features and plot single data points. Changes to the Data Administration User Interface include displaying definitions of terms in dropdown menus, multiselect fields, and typeahead fields in forms, requiring that the Catalog Record Contact, Manager, and Owner be three different people selected from active email addresses in Active Directory, and more informative error messages when deleting catalog entries.

## Issues Addressed in this Release

### RISE Website (publicly accessible)

Issue #	Issue Title	Issue Resolution
256	Add Location Details Page that can be accessed from Map or from a Catalog Record or Item	Created a location details page for each location ID similar to the record and items details pages. Location details pages display information about the location and include links to the catalog records and items associated with the location. Location details pages are accessible from the catalog record and item details pages and from the query page.
464	Make Plots Interactive Instead of Static	Added the following interactive capabilities to plots on the time series query page:  Ability to zoom into a specific time period of the plot using a mini plot below the main plot  Ability to hover over the main plot to see the data value(s) and date/time information for each line on the plot



Issue #	Issue Title	Issue Resolution
471	Change Confirmation Message Display for Contact Form	Changed the confirmation mechanism after user submits the Contact Us form from a disappearing pop-up to a static message.
650	Plot Single Data Points on Query Page Generate Outputs tab	Modified the time series plotting functionality so that single values surrounded by nulls are now plotted as an individual point on the graph
672	Bug in Catalog – Location States	Fixed a bug on the Catalog Record Details pages and Catalog Item Details pages that prevented the state(s) from displaying in the State field of the Location Information section.
675	Display Correct Information about Datums, Coordinates and Elevation in Catalog	For line and area locations, modified the display of the Horizontal Datum, Vertical Datum, and Elevation fields on the Location Information section of the Catalog Record Details pages and Catalog Item Details pages to display "N/A" instead of "None" and added a link to the Location Details page in the Coordinates field.
805	Duplicate Messaging – Remove Gray Messages	Removed duplicate messages on the Time Series Query page in the Generate Outputs step that appeared when the user selected a date range that was outside the available date range.
846	Scaling on Mobile Devices	Corrected the scaling of images in Help pages on mobile devices so they are not distorted.
870	Bug Caused by page returned with comma delimited list of IDs	Fixed a bug that caused the list of catalog records and items to not load on the Catalog Record Details and Catalog Item Details pages.
871	Bug With States Filter	Corrected a bug with the States filter on the Catalog Search page that caused the filter to not show all filter options.



### Map Interface (publicly accessible)

Issue #	Issue Title	Issue Resolution
594	Linking Between Map and Location Details Pages	Added a link that takes the user to the location details page was added to the popup on the map when a user clicks a location.

### Data Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
403	Capitalization of Existing Tags	Modified the system to automatically capitalize the first letter of each word of Catalog Record Tags and Location Tags, regardless of how the tags are entered by the user.
441	Filter Options for Type Based on Item Structure	On the Catalog Item Add form, modified the form to filter the available options for Catalog Item Type based on the user's selection of Catalog Item Structure.
514	Messaging Improvements for Deleting Items on Data Admin UI	Modified the confirmation pages shown when the user attempts to delete a Catalog Record, Catalog Item, Location, or Parameter to include additional information about what is being deleted.
532	Create Process to Allow Query of AD to Identify Inactive Names	Modified the Entity Add form to only allow entities to be created by searching Active Directory for active email addresses, preventing ad hoc creating of entities. Also added a column to the Entities List to display the status of each entity and modified the Catalog Record Add form to only allow selection of active entities. Non-active entities are required to be replaced when editing a catalog record.
551	Display Definitions of Managed Vocab Values – Typeaheads	Added a display of the definition of managed vocabulary values in typeahead fields on Data Admin UI forms. Definitions are displayed below each managed vocabulary option in the menu that appears when the user begins typing into the field.



Issue #	Issue Title	Issue Resolution
584	Clarify Adding Points on Click Map	On the click map on the Location Add form, changed the formatting of line and polygon vertices (which allow the user to modify the shape of the line or polygon) and segment midpoints (which allow the user to add vertices to the line or polygon) to clearly distinguish between them and updated the editing instructions to explain how the vertices and segment midpoints can be used for editing.
670	Combine Instructions on Catalog Form	Changed the order of the Catalog Record Owner, Manager, and Contact fields on the Catalog Record Add form and grouped the together so they have combined instructions.
697	Bug in Select Catalog Item Parameter List	Corrected a bug in the Select Catalog Item Parameter field on the Catalog Item Add form so the list of parameters includes inactive parameters and allows inactive parameters to be selected for non-active Items. For active Items, updated the formatting of the parameter list in the Select Catalog Item Parameter field to distinguish between active and inactive parameters. Changed the system to require parameters to be active to activate an Item.
711	On Add Records, Require that Contact, Manager, and Owner be 3 Different People	Added a constraint to the Catalog Record Add form to require that the Catalog Record Contact, Manager and Owner be three different entities.
713	Prevent Duplicate Entities from Being Added	Added a constraint to the Entity Add form to prevent duplicate entities from being created.



Issue #	Issue Title	Issue Resolution
726	Require Definition Fields on Managed Vocab Form	Updated the forms for adding managed vocabulary options to require the user to input a definition. The following managed vocabularies now require a definition: <ul style="list-style-type: none"><li>• Theme</li><li>• Sub Theme</li><li>• Disclaimer</li><li>• Matrix</li><li>• Spatial Geometry</li><li>• Spatial Resolution</li><li>• Spatial Transformation</li><li>• Horizontal Datum</li><li>• Vertical Datum</li><li>• Timestep</li><li>• Parameter Transformation</li><li>• Units</li><li>• Generation Effort</li><li>• Model Name</li><li>• Location Type</li><li>• Parameter Group</li></ul>
742	Change Title of Catalog Record Tag Type List	Changed the title of the Catalog Record Tag Type List to Catalog Record Tag List.
757	Type ahead field is using the text of the managed vocabulary value rather than the ID	Corrected a bug that caused errors in typeahead fields when the user modified a typeahead option value while also editing a catalog record, item, location, or parameter that used that typeahead option.
801	Test Login Page	In the Test environment, modified the login page to remove the "Login" with AD button and only display the username and password fields for local account login.
818	Increase Length Limit for Parameter Name and Description Fields to Match Database	Increased the length limit for the Parameter Description and Parameter Name fields on the Parameter Add form to match the database limits.
830	Drupal Error Message needed – research and determine possible solutions	Added an error message that is displayed when a file is unable to be uploaded using the Upload File function on a Data Admin UI form and modified the system to clear the name of the failed file from the Upload File field.



Issue #	Issue Title	Issue Resolution
843	Temporary data Creator Permissions to Delete Parameters	Granted users with the Data Creator role permissions to delete parameters unless a dependency on an item exists for that parameter.
844	Alternatives to 403 Error in Data Admin	Modified how the 403 error page is used so that when a user attempts to do something they do not have permissions to do, the 403 error is displayed with relevant information.
853	Enforce Location Name Uniqueness	Modified the system to enforce Location Names to be unique. An error message will now display if a user attempts to enter a Location Name that matches an existing Location Name.
864	Display Definitions of Managed Vocab Values in Dropdowns and Multiselects	<p>Modified the system to display definitions of managed vocabulary values in drop down fields and multiselect fields. Definitions are displayed as tooltips when the user hovers over a dropdown option that has a definition. Definitions are displayed for the following fields:</p> <ul style="list-style-type: none"><li>• Catalog Record Themes</li><li>• Catalog Item Parameter</li><li>• Catalog Item Model Name</li><li>• Catalog Item Spatial Geometry</li><li>• Catalog Item Spatial Resolution</li><li>• Catalog Item Spatial Transformation</li><li>• Catalog Item Matrix</li><li>• Catalog Item Update Frequency</li><li>• Catalog Item Type</li><li>• Catalog Item Status</li><li>• Catalog Item Disclaimer</li><li>• Location Type</li><li>• Parameter Group</li><li>• Parameter Timestep</li><li>• Parameter Transformation</li><li>• Parameter Unit</li></ul>



### Content Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
865	Upgrade Drupal to 9.2.16	Updated Drupal to version 9.2.16
879	Upgrade Drupal to 9.2.18	Updated Drupal to version 9.2.18

### Database (not publicly accessible)

Issue #	Issue Title	Issue Resolution
839	Correct Test Database Error	Corrected a data error in the test database that caused incorrect author and last editor information to be displayed.
845	Capitalization of Location Tags and Catalog Record Tags	Post Deployment Change: Updated data in the production database to capitalize the first letter of each word in Catalog Record Tags and Location Tags.

### Data Acquisition (not publicly accessible)

Issue #	Issue Title	Issue Resolution
N/A	None	N/A