RISE Release 2.8.0

March 18, 2022

Release Description

RISE Release 2.8.0 is a minor release. It addresses 35 issues, including three bugs and six additional changes to the RISE website, one change to the map interface, five bugs and 17 changes to the Data Administration User Interface, two changes to the Content Administration User Interface, and one change to Data Acquisition.

On the RISE website, bugs that were fixed included alignment issues for the Help Search Page on mobile devices, a bug with the Time Series Download API that caused too much or not enough data to be included in the downloaded file, and a bug that caused the Contact Us menu item to be inadvertently hidden. Changes that were made on the RISE website include the addition of an "All Available" option was added for default dates on the Time Series Query page, inclusion of catalog tags and location tags in the time series and catalog search fields, and changes to the Catalog Record Details pages to show related Records.

On the RISE map interface, the select tool was expanded to allow select by lasso and polygon.

In the Data Administration User Interface, bugs that were fixed included a bug that caused form contents to be deleted when a catalog record was saved as 'Work In Progress', an issue with the author of a catalog entry changing erroneously, a bug with the My RISE Datasets list not displaying all records, a bug when trying to change the status of a parameter associated with an Active item, and problems with searching Active Directory to create a new Entity. Changes that were made include requiring location names to be unique, changing how typeahead fields work to prevent users from entering invalid values, adding character countdowns to description fields, and adding a description field for locations.

On the Content Administration User Interface, a change was made to allow announcements to be scheduled for publication at a later time or date.

For Data Acquisition, the RISE CSV to JSON conversion tool for creating RISE-formatted JSON files for time series ingestion was rewritten and expanded to allow data with model runs and model run members to be converted.

Issues Addressed in this Release

RISE Website (publicly accessible)

Issue #	Issue Title	Issue Resolution
142	Changes to Associated Items on Catalog Details Page	Revised the Catalog Record Details Pages as follows: • Added "Related Records" below "Associated Items" • Added subheading for "Other Records with the Same Location" and a list of other records for the same location Added a subheading for "Other Records with the Same Generation Effort" and a list of other records that are from the same generation effort.
446	"All Available" Option for Default Date Range	Added an option to select "All Available" dates as an option for the default date range. Selecting this option automatically populates the date range with the available date range when an output is selected.
628	404 Error Messages	Revised the error messages for the Help page to give a specific error message when invalid help topics/cases are attempted.
639	Help Topic Search – Word "and" is Not being ignored	Revised the Help Topic Search to ignore the word "and" and updated the instruction text under the search bar to be clearer.
652	Fix Help Page Alignment on Mobile Devices	Corrected a bug in the Help System Search page alignment for display on mobile devices so that text is not cut off and content is aligned properly.
703	Add Tags in Catalog and Query Search	Revised the Catalog and Time Series Query searches to include Catalog Tags and Location Tags.
704	Sort Option Updates on Query Page	Temporarily hid the "Sort by Relevance" option on the query page until a permanent resolution can be implemented.
828	Whiskeytown Data Error - Troubleshooting	Corrected bugs with the Time Series Download API that caused the downloaded CSV and JSON files to leave out queried data or include data that was not queried.
838	Contact Us Hidden	Corrected a bug introduced in a previous release that inadvertently hid the "Contact Us" left navigation menu

Issue #	Issue Title	Issue Resolution
		item. This problem was corrected, and the menu item is now visible again.

Map Interface (publicly accessible)

Issue #	Issue Title	Issue Resolution
735	Limitations of Selection Tool in Map Interface	Revised the site selection tool in the map interface to include "lasso" and "polygon".

Data Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
470	Add a description field for Locations	Added a Location Description field to the RISE database, made changes to the Data Administration User Interface to enable users to input Location Descriptions, and made changes to the Time Series Query page to include the Location Description field in the fields that are searched on the Select Locations step.
516	Add character countdown to Record and Item Description Fields	Revised the Description fields listed below to include a character countdown which turns red when the maximum character limit is reached: • Record Description • Item Description • Location Description • Parameter Description • Subtheme • Catalog Theme Definition • Item Disclaimer Definition • Matrix Definition • Spatial Resolution Definition • Spatial Geometry Definition • Spatial Transformation Definition • Horizonal Datum Definition • Location Type Definition • Vertical Datum Definition

Issue #	Issue Title	Issue Resolution
		• Parameter Group Definition • Parameter Timestep Definition • Parameter Transformation Definition • Parameter Units Definition • Generation Effort Definition • Model Name Definition
528	View a List of Records to See Which File Sets are Associated with Items	Created a way to view which file sets are assigned to the items associated with a particular record. Included is a button under "Operations" to show file sets if a record has a file set (the button is disabled if none exist).
604	Add "No Results" Message to Data Admin UI Lists	Included a "No Results Match Search/Filter Criteria" message to all Data Admin UI Lists. The message is displayed when a search/filter does not return any results.
623	Data Admin UI – Add New Record Relationships	Revised the Entity list to add a "Show Records" option under the "Operations" menu to display a list of the catalog records for which an entity is listed as either a contact, manager or owner. Included a column in the table indicating the assigned role.
667	Upgrade Composer to Version 2 for Drupal and API	Upgraded Composer to Version 2.
687	Add the Description Field to the Search Bar on the Location List Page	Revised the Location List Page to include searching the Description Field in the search.
688	AD Search Form - Investigate Inconsistent Results	Corrected bugs in the search results when adding a new Entity using an Active Directory search.
691	Tracking Drupal Local Accounts for Splunk	To resolve a POA&M item, login/logout, login attempts, and Password changes for Drupal local accounts are being logged to be reviewed in SPLUNK.
696	Bug in Changing Catalog Item Status	Corrected a bug so that the user receives an informative error message when attempting to edit the status of a parameter associated with an Active Catalog Item.

Issue #	Issue Title	Issue Resolution
720	Issue with typeahead fields in Data Admin UI	Added functionality to remove values typed into "typeahead" fields rather than making a selection from the dropdown list and added an error message when a user types in a value rather than selecting from the dropdown list.
721	My Datasets List Only Showing Records for Data Contact	Corrected a bug so the "My Datasets" will show the datasets for which the logged-in user is the Data Owner, Manager, or Contact rather than the just the Data Contact.
763	Add Edit Button to File Set Page	Revised the Publication File Set Page to include an Edit button (only available to Data Administrators).
767	Identify date associated with creation of file set	Implemented tracking of the creation date for publication file sets and modified the display of file sets associated with an item to list the newest file set first.
768	User Assign a File Set to the Item Selected	Revised the behavior of the Assign File Set link to only allow the user to assign a file set to the specific item selected.
771	Update Formatting	Revised the instructions related to the Operations column on all list views.
776	Author changes to current editor erroneously	Corrected a bug so that the "Author" does not change to the current user.
777	Location List Searching	Revised the search type on the Location List page so that results are returned that include any search term in any order, rather than matching an exact search phrase.
779	Location List Add Columns	Revised the Location List to include additional fields: • Location Type • Location Geometry • Location Unified Regions • Location States
788	Enforce Location Name Uniqueness	Added a check for duplicate Location Names on the Location Add form. If a user enters a Location Name that is exactly the same as an existing Location Name, the system will display an error when the user attempts to save the Location.

Issue #	Issue Title	Issue Resolution
808	Bug When User Inputs Invalid Tag and Saves as WIP	Corrected a bug that resulted in form contents being deleted when saving as "Work in Progress" with an invalid tag on both Catalog Record Add and Location Add forms.
840	Issue with items 11530 and 11521	Resolved a bug resulting from a non-supported method in the Drupal 9 upgrade that caused an error when the user attempted to use the View and Edit buttons in certain contexts.

Content Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
409	Content Announcement Publishing	Added a feature to the Announcement form to allow announcements to be scheduled for publication at a later date.
719	Update Drupal to 9 Release	Updated RISE to use Drupal 9.

Data Acquisition (not publicly accessible)

Issue #	Issue Title	Issue Resolution
585	Accommodate Model Run Info on CSV to JSON Converter	Rewrote the RISE CSV to JSON conversion tool in JavaScript instead of RShiny and revised the tool to allow conversion of CSV files that include model runs and model run members. Also added a number of other features including: • Ability to view the data in the CSV file prior to conversion • Ability to preview the conversion of other rows besides the first row in the CSV file • Enforcement of the requirement for result values to be numeric