RISE Release 2.13.0

November 15, 2023

Release Description

RISE Release 2.13.0 is a minor release. It addresses 43 issues, including 4 bugs and 13 changes to the RISE Website, 1 bug and one change to the RISE Map Interface, 4 bugs and 17 changes to the RISE Data Admin UI, and 2 bugs in Data Acquisition. On the RISE Website, changes included revising the design of the Catalog Record, Item, and Location Details pages to make data access more intuitive for users, allowing time series query files to be output to the browser instead of downloaded, providing access and documentation of the API request URLs to the time series query page, and improving performance of query page plotting, For visualizations, the default date of the date selector for the PDF map on the Reservoir Conditions page was modified to align with the most recent available PDF. In the Data Admin UI, changes included allowing users logged in with the Data Creator role to edit managed vocabulary values (e.g. Generation Efforts, Sub Themes, Tags) that they have created as long as the values do not have associations to active datasets, providing access to editing features for managed vocabularies via menus and forms, and redesigning multi-select fields to make it easier to select multiple values. For data acquisition, two bugs were fixed on the CSV to JSON Converter tool.

Issues Addressed in this Release

RISE Website (publicly accessible)

Issue #	Issue Title	Issue Resolution
90	Add Google Dataset Metadata	Added Schema.org dataset markup to RISE Record and Item Details pages. Implementation will make RISE record and item pages discoverable through Google Dataset searches.
204	Graph: Model Run Legend in Image Download	The time series plots downloaded from the Generate Outputs step of the Time Series Query page did not include a legend for mutli-line plots to indicate what each line represents. A legend was added to the plot image for modeled data with model run members and observed data with profile members to indicate what the lines represent.

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497	First Datetime Label in Plot is Cut Off	Padding on downloaded plots was increased so that date/time labels are no longer cut off.
782	Implement JS Worker to Process Large Responses for Query Page Performance	Improved performance of time series plotting by using up to 6 simultaneous request connections (if the browser allows it). This speeds up downloading the data for plotting by parallelizing the requests.
848	Time Series Download File Naming Structure	The Time Series download file naming structure was adjusted to include additional information and standardized for observed, modeled, and profile CSV and JSON files.
891	Output the Download API Response to the Browser Instead of Forcing a Download	Added a view option for time series CSV and JSON files on the Generate Outputs step of the Time Series Query Page instead of forcing a download. The 'Download' and the 'Download All' buttons were renamed to 'View/Download' and 'View All/Download All' to provide access to the new "View" functionality.
896	Reorder RISE API Endpoints on API Page	The RISE API endpoints on the API page have been reorganized for a clearer user experience.
897	Generate and Display RISE API Calls Using the Time Series Query Page	Added a modal to the Generate Outputs step of the Time Series Query page to view the API requests for both the Download API and the results endpoint of the RISE API for the current query. performed using the Time Series Query page. The modal also provides brief instructions for using the APIs and links to the RISE Help pages for further information.
926	Item Details Page Customization Based on Item Structure	Changes were made to the Catalog Record Details pages, Item Details pages, and Location Details pages to make the layout of the pages more intuitive for users and remove unnecessary information.
964	Add Item Vertical Data to Item Details Page	Fields for displaying the Item Vertical Datum were added to the Catalog Item Details pages for both Time Series and Geospatial items.
994	Improve Appearance of Plot on Axis Titles and Labels	Changes to the DPI settings of the time series plots on Generate Outputs step of the Times Series Query page were made to improve the crispness of the axis labels. Additionally, padding was added to all sides of the graph to ensure labels and hovered nodes are not cut off.

Issue #	Issue Title	Issue Resolution
1001	Modify Miniplot Cursor to Be Double-headed Arrow	The cursor on the miniplot on the Time Series Query Generate Outputs step now appears as a double-headed arrow when hovering over the handle and dragging.
1013	Contact Form Updates to Deal with Disallowed Characters	Submission of the RISE website Contact Form by users previously resulted in errors when Unicode characters were included in the contact form fields. The Contact Form now replaces certain Unicode characters with ASCII equivalents, includes additional validation of field contents, and provides error messages when inputs do not contain a valid value.
1035	BUG: There is a double Scroll Bar on Items Lit on Locations Details Page	A double scroll bar was shown on the Catalog Items Locations Details page in error. The bug was corrected, and the page now shows only one bar.
1048	Allow User to Mouse Over Last Data Point in Plot	Time Series Query plots were configured to show the first value associated with a given pixel on the plot when users to moused over data points. However, for the last point in the plot, users expected to be able to view the last value of the time series. Now, when users hover over the last pixel of a single line plot, the last associated value is displayed, and when users hover over the last pixel on multiline plots, values associated with the last datetime are displayed. Additionally, for multiline plots where lines do not have values associated with last datetime, a value for those lines is not displayed.
1063	Bug: Plots on the Generate Outputs Step Defaulting to Available Date Range When No Date Range is Selected	Issues found on the Generate Outputs step of the Time Series Query page were corrected, including making the 'Plot All Outputs' button active when at least one output has a valid specified date range; making the 'Plot' button inactive for all outputs that do not have valid specified date ranges, and making the "Plot All Outputs' button inactive if no outputs have valid specified date ranges.
1140	Bug: Time Series Query Specify Query Step Exclamation Warning Symbol Does Not Change to Red Cross	The behavior of the buttons on the Specify Query step of the Time Series Query page was inconsistent. Now, when a user hovers over a button with a yellow exclamation warning symbol, the exclamation mark changes to a red 'x' as intended.

Issue #	Issue Title	Issue Resolution
1071	Geoconnex – Add JSON-LD to RISE Locations Details Pages	JSON-LD was added to the RISE Catalog Location Details pages to facilitate harvesting of RISE metadata by the Geoconnex system, which will increase interoperability with other water-related datasets and enhance findability of RISE datasets.

Map Interface (publicly accessible)

Issue #	Issue Title	Issue Resolution
1043	Upgrade Web App Builder to Current Version	RISE Web App Builder was upgraded from v2.16 to v2.27.
1096	Bug: Send Location to RISE Time Series Query Page Link Not Working Properly	The 'Send location to RISE Times Series Query page' link in the popup for RISE locations in the RISE Map Interface was not working correctly. Now, the 'Send location to RISE time series query page' link in the popup for RISE locations in the RISE Map Interface popup sends the user to the RISE Time Series Query page Specify Query step and with the location corresponding to the popup selected on the Select Locations step.

API (publicly accessible)

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

Data Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
512	Resolve Locations being assigned as "Related Locations" to Themselves	Previously it was possible to assign a location as being related to itself. This has been resolved and now the system does not allow user to assign a location as a 'Related Location' to itself or assign a location as a 'Parent Location' to itself.
565	Display Selected Value on Scroll Lists	Changes were made to the Catalog Record Add Form and the Location Add Form to make it easier for users to select

		multiple values and see selected values in multi-select form fields. The change was implemented for the Catalog Record Theme(s) and Catalog Record Program(s) fields on the Catalog Records Form and Location Reclamation Authorized Project(s), Location Reclamation Region(s), Location Unified Region(s) and Location States on the Location Form.
669	Rename Data Admin Form Fields	Field names were not consistent on the Catalog Record Add Form and on the Catalog Item Add Form. The new names of fields on the Catalog Record Add Form include Catalog Record Theme(s), Catalog Record Tag(s), and Upload Catalog Record Metadata File. On the Catalog Item Add Form, new names include Catalog Item Source Code, Catalog Item Parameter Source Code, Upload Catalog Item Metadata File, Upload Catalog Item File, and Catalog Item Access Constraint.
815	Display/Edit Location Geometry JSON toggle not working on Location View Form	The Location View Form was modified so that toggling the 'Display/Edit Location Geometry GeoJSON' toggle to the right allows the user to view the GeoJSON for the location coordinates.
868	JSON Error Message for out of bounds coordinates	An error message was added to the Location Add Form click map to inform users when coordinates are not physically possible. The error message identifies whether the error relates to latitude, longitude, or both.
910	Add "authored" and "last edited" datetimes to catalog records list, catalog items list and My Datasets List	Previously, the My Datasets list, the Catalog Records list and the Catalog Items list did not display authored or last edited datetime. Now, 'Authored By' and 'Last Edited By' is included on the My Datasets list, the Catalog Records list and the Catalog Items list. Times are displayed in the time zone corresponding to the user's localization settings.
1033	Modify Add New Program Link to Open in a Modal	The Add New Program link on the Catalog Record Add Form was modified to open in a modal.
1038	Allow Data Creators to Edit Managed Vocabulary Entries	The Edit option on the Select Operations menu for managed vocabularies was enabled for Data Creators and permissions were updated to allow Data Creators to edit managed vocabulary entries when the user is logged in as the author of the managed vocabulary entry, the managed vocabulary entry is not associated with an Active Record, Item, Location, or Parameter, and the managed vocabulary entry is not associated with a Record, Item, Location or Parameter that was authored by another user. Additionally,

		an error message was added for users who do not have permission to edit managed vocabularies.
1039	Provide 'EDIT' link next to Generation Effort field on Catalog Record Form	A link was added to the Generation Effort field in the Catalog Record Add Form and the Catalog Record Edit Form to allow editing within a modal window.
1040	Allow Data Creators to 'Delete' Managed Vocabulary Entries	The option for Data Creators to delete managed vocabulary entries under the certain conditions was added. Data Creators may delete managed vocabulary when they are the author of the vocabulary entry and when the managed vocabulary entry is not associated with any Record, Item, Location, or Parameter.
1042	Add a Dialog Box to User PDF Uploads to Require a 508 Accessibility Check Before Completing Upload	To reduce the number of 508 compliance issues for PDFs, a dialog box is now shown when a user clicks 'Choose File' in the 'Upload File' field on the Catalog Item Add Form. The dialog box instructs users to ensure that the file complies with the RISE Guidelines for Configuring Files for Upload in the RISE Data Publications Manual. Additionally, the instructions were also moved to directly below the 'Upload File' Field.
1047	Add and Update Emails to Admins for Managed Vocabularies	Added emails to RISE Data Administrators when managed vocabulary entries are added or updated where previously emails were not sent. Additionally, a number of formatting changes were made for clarity of information.
1049	Format Changes to Emails Sent to Data Admins	Changed the contents and formatting of emails that are sent to RISE Data Administrators when a Data Creator adds or updates a Catalog Record, Item, Location, or Parameter to make the new or modified data easier to review.
1057	Bug: Character Length for Suggested Catalog Record and Catalog Item Title Allows More than Limit	To enable suggested titles to be used in all cases, the number of characters allowed for the Catalog Record Title on the Catalog Record Add Form was changed from 255 to 600 and the number of characters allowed for the Catalog Item Title on the Catalog Item Add Form was changed from 255 to 700 characters.
1060	Change Spatial Resolution Definition Character Limit to be Consistent with Other Fields	Previously, the Spatial Resolution Definition character limit allowed only 45 characters. The number of allowable characters was changed to 255 to be consistent with the character limit in other fields.
1061	Remove the Word Location from Confirmation Message Generated When	The word "Location" was removed from the confirmation messages on the Add/Edit Vertical Datum Form.

	Adding New Vertical Datum	
1070	Provide 'EDIT' link next to Catalog Record Tags and Location Tags fields	Access to an editing modal was added to the Catalog Tag(s) field on the Catalog Record Add Form, the Catalog Record Edit Form and on the Location Tag(s) field on the Location Add Form and the Location Edit Form.
1077	Fix Typo in Add Item Instructions	Instructions were updated on the Add Item Form for Catalog Item Publication Volume to fix a typo.
1083	BUG: 404 Error on RISE ADMIN UI Site Link to RISE Data Publication Process Microsoft Teams Files	Users who clicked on the RISE Data Publication link on the RISE Data Admin User Interface were receiving a 404 Error. The error was resolved.
1100	Upgrade Drupal to 9.5	Drupal was upgraded from 9.4.5 to 9.5.

Content Administration User Interface (not publicly accessible)

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

Database (not publicly accessible)

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

Data Acquisition (not publicly accessible)

Issue #	Issue Title	Issue Resolution
1086	Bug: CSV to JSON Converter Highlighting that Identifies Cells with Errors Does Not Reset When Column Selection is Changed	A bug was fixed in the CSV to JSON Converter that caused columns highlighted due to errors to remain highlighted after the error was resolved.
1099	Bug: CSV to JSON Converter Result Column Non-numeric Values Error	A bug in the CSV to JSON converter was corrected to allow for trailing zeroes to be accepted as valid in the Results field.