



RISE Release 2.15.0

December 11, 2024

Release Description

RISE Release 2.15.0 is a minor release. It addresses 37 issues, including 5 bugs and 2 changes to the RISE Website; 1 bug and 4 changes to the Map Interface; 3 bugs and 18 changes to the Data Admin UI; 3 changes to the API, and 1 change to the CSV to JSON Data Converter. Changes to the RISE website include implementation of relevance sort ordering and search logic improvements on the Catalog and Time Series Query pages and improvements to date range fields on the time series query page to correct a bug, improve visual representation, and enhance mobile compatibility. Changes on the Map Interface include implementation of a new version of the Map Interface that is being deployed for beta testing. Changes to the Data Admin UI include improvements to various form fields to improve consistency and ease of use and implementation of automatic session termination after 15 minutes of inactivity to comply with security requirements.

Issues Addressed in this Release

RISE Website

Issue #	Issue Title	Issue Resolution
482	Sort by Relevance	The Catalog page and Time Series Query page search logic has been modified to improve ordering of search results. Users now can sort results by relevance, and the sort options for newest and oldest results now incorporate relevance as a second level of result ordering.
1064	Bug: Time Series Query Date Range Warning Symbol Showing as Yellow Exclamation Point	A bug on the Time Series Query page has been corrected and the page has been modified to improve visual representation and mobile compatibility of date range conditions on the Specify Query step by clarifying warning and error messages, removing button hover functionality that was only available on desktop and by adding consistent color-coded field borders.



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1085	Error in Time Series Query steps when returning to make additional selections	A bug on the Time Series Query page has been corrected to correctly pause and continue plotting of outputs when additional outputs are added to data queries.
1135	Time Series Query Page Inconsistent Search Results	The Catalog Search and Time Series Query pages have been modified to improve the relevance of search results and to allow the use of search operators. The following search operators can now be used before the search terms: + (must exist), - (must be excluded), +- (no operator, use only the original search term), "" (exact match required).
1139	Bug: For profile members and model run members when one of the time series is hidden, hover indicator is still shown	A bug with the behavior of the hover indicator on time series plots with multiple time series has been corrected to only show hovered points for time series that are displayed on the plot. The hover indicator will not show points for time series that are hidden.
1188	Vertical Cursor Missing from Graphs in All Environments	A bug on time series query plots has been corrected to display a vertical dashed line as a user hovers over the plot. The dashed line was incorrectly removed in a previous release.
1227	Bug: When an Inactive ID Exists the Location Details Page Displays Blank Page and Two Left Navigation Menus.	A bug on the Location Details pages has been to display a "Location not found" error message when a user navigates to a page for a location that is not active and to only show one left RISE navigation menu on pages for locations that are not active.

Map Interface

Issue #	Issue Title	Issue Resolution
710	Upgrade Map Interface to Experience Builder	The RISE Map Interface has been recreated using the ArcGIS Experience Builder framework and is being deployed in beta for testing and feedback. Users will be able to choose whether to switch to the beta interface from the current map interface or stay on the current interface. Users will generally find equivalent functionality between the current map interface and the beta interface, but the user



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		experience and available options differ to some extent due to differences in the framework. The performance of printing a map from the Map Interface has been improved in the new framework.
1044	Modify Add RISE Data Widget	The "ArcGIS Online" option has been removed from the "Add RISE Geospatial Layers" widget dropdown menu.
1091	Remove ArcGIS Online Option from Add Reference Data Widget	The "ArcGIS Online" option has been removed from the "Add Reference Data" widget. Additionally, the "Add Reference Data" "Curated" option was expanded to include all Esri Living Atlas layers meeting the following criteria: Status = Authoritative, Location = USA, Owned by Esri OR owned by a US Federal Agency (NOAA, NASA, US Forest Service, CDC, etc.), Not owned by Esri Nederland's, Esri France, etc.
1199	Make Changes to Layer List Widget and Add Reference Data in Map Interface	The "Layer List" widget in both the Web App Builder and Experience Builder apps was modified to remove the "Reclamation Area Offices" layer and replace it with the "Reclamation Area Office Boundaries" layer.
1204	Bug: Map Data Button on Catalog Item Details Page Opening the Map Without RISE Data Widget Selected	A bug with the "Map Data" button on Catalog Item Details pages for Geospatial items has been corrected to open the RISE map interface with the "Add RISE Data" widget shown, so users can add RISE data layers to the map.

RISE API

Issue #	Issue Title	Issue Resolution
1216	Hide and Mark as Deprecated Bracketed Param Syntax	The RISE API documentation has been modified to remove documentation of bracketed parameter syntax for API parameters. RISE is deprecating the bracketed syntax for API parameters (e.g., id[]=1&id[]=2&id[]=3 because array syntax is also available that provides the same functionality (id=1,2,3) in a more compact format. The bracketed syntax will remain available until the 2.16.0 release.



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1226	Add Custom Parameter Documentation Descriptions	The RISE API Documentation page has been corrected to display documentation of custom parameters that was previously hidden, and the documentation formatting has been modified to display certain types of terms in a specific color. Term types that are highlighted are: data type (integer, string, etc.), parameter values (e.g. True), API parameter names (e.g., Search), and RISE field names (e.g. recordTitle, locationName).
1309	Refactor Location Endpoint	Optimizations have been made to API database calls for Location Endpoints to improve processing of searches on the "Time Series Query" page.

RISE Data Admin UI (not publicly accessible)

Issue #	Issue Title	Issue Resolution
499	Changes to Related Locations List on Add Location Form	The Data Admin UI has been modified to change how the Related Locations field works by creating a new type of field control that allows users to select an existing value from a list. This field control has also been used to change how several other fields work, as described in tickets 863, 1036, and 1241. Depending how it is configured, the new field control can allow users to select one or multiple values, can display a dropdown list of available values immediately or when the user begins typing, can display additional information about the values in the dropdown, can display multiple selected values in-line or on new lines, can link the selected values to pages that display additional information, and can allow users to add new values by typing directly into the field. For the Related Locations field, users should be able to select multiple values, the dropdown should appear when the user clicks into the field, new values should appear on individual lines, and selected values should link to the "View" page for the location.
685	Add "Clear" Button to Reset the Search/Filters	The Data Admin UI has been modified to display a "Clear" button once filters are applied to allow removal of all applied filters at once instead of individual removal of each filter.



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863	Catalog Record Title - Change Operation of Typeahead Fields	The Data Admin UI has been modified to use the new field control created in ticket #499 for the Catalog Record Location, Catalog Record Generation Effort, Catalog Record Sub Theme, Data Contact, Data Manager, and Data Owner fields on the "Catalog Record Add Form", the Catalog Record and Catalog Item Parameter fields on the "Catalog Item Add Form", the Search Active Directory field on the "Entity Add Form", and the Parent Location field on the "Location Add Form". For all fields, users should be able to select only one value, the dropdown should display when the user clicks into the field, and users should not be able to create values by typing into the field. For the Catalog Record Location, Catalog Record Generation Effort, Catalog Record Sub Theme, Data Contact, Data Manager, and Data Owner fields, users should see additional information about the values in the dropdown.
883	Change Screen shown after user uses "Login" Button	The menu bar of the RISE Data Admin UI has been modified to move the account management options from top menu bar to a new "My Account" menu on the right side of the sub-menu bar that is displayed when "Manage" is expanded.
1011	Modify Behavior of Mouse Scroll Wheel When Clicking the Map to Pan Rest of Page Scrolling	Behavior of the mouse scroll wheel has been modified to allow users to pan the click map on the "Location Add Form" using the scroll wheel while a location is being drawn without simultaneously scrolling the rest of the page.
1014	Change Waterdrop Button to Home Button	The water drop icon was replaced with a home icon to provide a clear and consistent way for users to return to the Data Admin home page from any page within the Data Admin UI.
1036	Create ability to Add Multiple Tags Without Closing and Reopening the Modal	The Data Admin UI has been modified to use the new field control created in ticket #499 for the Catalog Record Tag(s) field on the "Catalog Record Add Form" and the Location Tag(s) field on the "Location Add form". For both fields, users should be able to select multiple values, multiple



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		values should be displayed on the same line, the dropdown should display when the user clicks into the field, no additional metadata should be displayed about values in the dropdown, and users should be able to create new values by typing into the field.
1045	Eliminate all Status Related Fields and Details from the Forms and Lists in Tags and Disclaimers	Unnecessary status fields were removed from the Catalog Tag, Location Tag, and Catalog Item Disclaimer database tables and Data Admin UI forms and lists to simplify the user experience for creating tags and disclaimers.
1087	Change email address for sending RISE Data Admin UI Emails	The email address for seeing emails from the RISE Data Admin UI was changed from admin@example.com to RISE@usbr.gov .
1092	Add Link to Corresponding Form Below the Location Reclamation Authorized Project(s) field on Location Add Form	The Data Admin UI has been modified to be consistent in the availability of links below fields to corresponding Add forms ('Add New' links) and to lists of managed vocabulary values ('View All' links).
1094	Update RISE POC information on Data Admin UI Main Page under the For More Information Section	Text on the Data Admin UI login page and main Data Admin UI page was modified to remove references to the "RISE Admin Team" and replace it with references to the "RISE Team."
1097	Upgrade Drupal to Drupal 10.2.4	The Data Admin UI was previously running Drupal 9.5.10, which is no longer supported. Drupal was updated from 9.5.10 to the supported version, 10.2.4. Additionally, the upgrade now brings RISE in line with USBR.gov, which is moving to Drupal 10 as part of Reclamation's Web Modernization project.
1101	Configure RISE to Terminate Session after 15 Minutes of Inactivity	Data Admin UI security has been improved by implementing a session termination feature. The system now tracks how long it has been since a user has interacted with any Data Admin UI page, provides warnings of



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		impending session termination after 10 minutes of inactivity, and logs the user out after 15 minutes of inactivity. This change implements security control requirement AC-12 (02) Session Termination: Configure the system/application to automatically terminate user-initiated logical session (for local, network, and remote access) after 15 minutes of inactivity.
1120	Add Throbber to all Main Forms in Data Admin UI	All the Add/Edit forms in Data Admin UI have been modified to include a spinning gear throbber visible when they are loading.
1122	Limit Displayed Characters in the List Views for Record Title and Item Title	Usability of list views in the Data Admin UI has been improved for the "Catalog Records List", "Catalog Items List", "Location List", and "Parameter List" by limiting the display to 60 characters in a column. If a value is cut off, "... will display to indicate that the full value is not shown. Additionally, if a column has more than two entries, "more..." will now show after two entries to indicate that additional values are not shown.
1131	Remove Invalid Change Password and Email Address Option from Data Admin UI Profile Button	The Data Admin UI was modified to remove "current password", "email address", "password", and "confirm password" options from the "Edit profile" form that are not relevant when a user is logged in using their Active Directory profile.
1145	Resize managed vocabulary fields in forms	In the Data Admin UI, static text input fields were replaced with expanding input fields that resize based on user input. Additionally, the Vertical Datum field on the "Vertical Datum Add/Edit" form was changed to accommodate 150 pixels.
1147	Bug: Validate for Special Characters for Vertical Datums and Location Vertical Datums	A bug on the "Vertical Datum Add Form" in the Data Admin UI has been corrected by adding validation to check for non-alphanumeric characters in the Vertical Datum field. If a user enters non-alphanumeric characters, an error will be



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		displayed, and the user will not be able to save the Vertical Datum.
1164	Bug: Back to Site Appears in Data Admin UI Menu Bar While Pages are Loading	A bug on the Data Admin UI has been corrected to eliminate duplicate options to return to the home page and to ensure there is a consistent button on every page to return to the home page.
1241	Change Multiselect Fields to Tag Input	The Data Admin UI page has been modified to use the new field control created in ticket #499 for the Catalog Record Theme(s) and Catalog Record Program(s) fields on the "Catalog Record Add Form" and the Location Reclamation Authorized Project(s), Location Reclamation Unified Region(s), and Location States fields on the "Location Add Form". All fields should allow multiple values to be selected, multiple values should be displayed on the same line, and the field should not allow users to create new values by typing into the field. For the Catalog Record Theme(s) field, the dropdown should display the definition of each theme. For the Location Reclamation Authorized Project(s) Catalog Record Theme(s) and Catalog Record Program(s), users should be able to click on a selected value to link to the "View" page for those values.
1301	Generation Effort Cannot Be Updated	A bug on "Edit" forms on the Data Admin UI page has been corrected to allow users to edit the case of words in any "Edit" form text field without seeing an error regarding a value already existing with that value.

Data Conversion (not publicly accessible)

Issue #	Issue Title	Issue Resolution
1054	1054: Modifications to CSV to JSON Converter	The CSV to JSON Converter has been updated to improve the user experience for switching between options for specifying the source code and to add additional instructional text to the Data File panel and to the Header Row field in the Specify Conversion panel.