



RISE Release 2.12.0

April 19, 2023

Release Description

RISE Release 2.12.0 is a minor release. It addresses 33 issues, including four bugs and three changes to the RISE website, one bug on the RISE Map Interface, one change to the RISE database, 19 changes to the Data Admin User Interface, one change to Data Acquisition, and two bug fixes and two changes to the RISE API. Bug fixes on the RISE Website include fixing a problem with application of default dates to outputs on the Time Series Query page and fixing a problem with the Displayed Date Range on time series plots on the Time Series Query page. The bug fix to the Map Interface fixed a problem with the Add Reference Data widget not showing any reference data options. Changes to the RISE Data Admin UI included updating field instructions, providing an easy way to access information about catalog items associated with catalog records, and preventing fields from cutting off visibility of long values. Changes to Data Acquisition included many enhancements to the RISE CSV to JSON Converter tool use to create JSON files for ingesting time series data into RISE. Bug fixes to the API included fixing a CORS issue that prevented the API from being accessed by applications hosted on non-RISE servers and fixing an issue with the locationID not updating in the Results endpoint when the location of the associated catalog record was changed.

Issues Addressed in this Release

RISE Website (publicly accessible)

Issue #	Issue Title	Issue Resolution
774	Refactor Data Export Script	Revised the code that generates CSV and JSON download files for time series data to bring it into compliance with the latest PHP and RISE style guidelines.
952	Remove the Mapping Between the itemStructureID and the FrontEnd Display Value	Modified how the Data Structure filter values on the Catalog page are displayed to allow filter values to update if values in the database are changed.



Issue #	Issue Title	Issue Resolution
986	Bug: Default Date Selection Not Working Correctly	Corrected a bug on the Time Series Query page that caused the application of default date range selections to outputs to not work correctly. Now, if a user sets the default date range then clicks the + button next to the output or selects "Copy Dates from Default Dates from the calendar menu", the default date range is applied to the output, a correct date range message is shown (if applicable), and an output can be generated on the Generate Outputs page if the date range is valid. Other changes included aligning the Default Date Range fields with the date range fields for outputs and updating button text and labels.
1031	Bug: Downloaded Plot Does Not Have a Title or Subtitle	Corrected a bug that caused the title and subtitle to be missing from plots downloaded from the Time Series Query page.
1034	BUGs with Inaccurate Displayed Date Range In Time Series Query Plot and Mousing Over Last Datapoint	Fixed a bug on the Time Series Query page Generate Outputs step that caused the Displayed Date Range to have an end date that was later than the end date of the Queried Date Range. Now the end date of the Displayed Date Range is the same as the end date of the Queried Date Range, or an earlier date, if data is not available for the full date range selected by the user.
1037	Migrate to Google Analytics 4	Updated Google Analytics tagging of the RISE Website with new tag for Google Analytics 4.
1051	Bug: External Data Link Filter Option Shows Up When No Associated Items Are Active	In the test environment, the "External Data Link" Item Structure was showing in the Data Structure filter even when there were no active associated items in the database. Now, Data Structure filter options only appear when there are active associated items in the database.



Map Interface (publicly accessible)

Issue #	Issue Title	Issue Resolution
960	Add Reference Data Widget Does Not Show Any Data	Fixed a bug with reference data permissions in ArcGIS Online that caused the Add Reference Data widget on the RISE Map Interface to have no available data to add. Now, the Add Reference Data widget provides access to a curated list of reference data.

API (publicly accessible)

Issue #	Issue Title	Issue Resolution
899	CORS Issue With Accessing RISE API From Non-RISE Server	Resolved a CORS issue that was preventing the RISE API from being accessed by applications hosted on non-RISE servers.
963	Add Item Vertical Datum to API	Added the Item Vertical Datum to the response for the Item endpoint in the API.
995	Bug: Location ID Not Updating in Results API Input	Fixed a bug that caused the location ID to not update in the API Results endpoint when the location of the corresponding record was updated in the Data Admin User Interface. Now the location returned by the API Results endpoint matches the current location in the Data Admin UI.
1002	Upgrade API for PHP 8.1	Upgraded the API framework to the latest version compatible with PHP 8.1.

Data Administration User Interface (not publicly accessible)

Issue #	Issue Title	Issue Resolution
478	Change Instruction on Add/Edit Location	Changed the instruction for the Location Project(s) field on the Location Add Form to clarify that "Project" refers to Reclamation Authorized Projects, which are a specific set of congressionally authorized features.
479	Change Instructions on Location Add Form	Changed the instruction for the Location Reclamation Region(s) field on the Location Add form to specify that the selected region should contain the location, rather than administer the region, as the previous instructions implied.



504	Changes to Emails Sent to Data Admins for Review	Changed the formatting and contents 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.
559	Additional Instructional Text for Geospatial	Changed the instruction for the Spatial Resolution field on the Catalog Item Add Form to clarify select appropriate spatial resolutions for raster and vector data.
617	Data Admin Interface – Uniqueness Constraint on Managed Vocabulary Names	Added a uniqueness constraint for managed vocabularies so that duplicate values cannot be added. Additionally, an error message was added for cases when a user is attempting to enter a managed vocabulary value with the same name as one that already exists. Now in these cases, the user will be asked to either cancel creation of the new vocabulary value or edit the entry to distinguish it from the existing one.
725	Title Cuts off on Record and Item Views	Modified the behavior of fields in which long values were cut off due to the size of the field input box so that the input box now automatically resizes vertically by wrapping text onto multiple lines to fit the entire field value.
730	Allow User to See Source of List They are Viewing	Added a subtitle to all list pages reached using “Show Records”, “Show Items”, Show Locations” or “Show Parameters” links from the Operations menu on another list to identify the “source” of the list.
772	Refactor XML Auto Generation Scripts	Revised the code that generates XML metadata files to bring it into compliance with the latest PHP and RISE style guidelines.
908	Column Changes on Parameter List and Location List Pages	Modified the Parameter List to add a column for the Parameter Transformation, moved the Parameter Group column to the left of the Parameter Name column, and created an “Additional Information” expansion section for the Parameter Description. Also modified the Location List to create an “Additional Information” expansion section for the Location Description.
915	Add Expansion to Records list to View Item Level Information	Modified the expansion on the Catalog Records List to display a list of items associated with the catalog record and information about the items.
946	Update Location Description Instructions	Changed the instruction for the Location Description field on the Location Add Form to describe what type of information should be included in the Location Description.



977	Display Profile Data as Observed in Data Admin UI	Fixed an issue on the Catalog Items list that caused items with profile data to be incorrectly returned when “Modeled” was selected in the Modeled/Observed filter, even though RISE does not currently allow publication of modeled profile data. Now profile data will be returned when “Observed” is selected in the Modeled/Observed filter.
981	Data Admin UI: Showing Data Collected by Other Agencies	Modified the Catalog Record Add Form and Catalog Item Add Forms to allow users to create catalog entries that link to data that is published in other data portals. This feature is hidden in this release but will become available in a future release when the RISE website is updated to display the external data links.
987	Data Admin UI – Table Column Changes to Support Editing Decisions, Observed/Modeled to add Time Series	Updated the filter options for the Modeled/Observed filter on the Catalog Items List to clarify that the filters apply to time series data only.
989	Adjustments to Error Messaging When Locations Have Greater Than 20 Vertices	Limited the number of vertices to 20 for line locations on the Location Add Form and implemented error messaging if the user attempts to add more than 20 vertices.
992	Add Vertical Datum Field to Catalog Item – Modify Instructions	Changed the instructions for the Vertical Datum and Vertical Datum Definition fields on the Vertical Datum Add Form to clarify that the Vertical Datum should be the acronym/abbreviation and the Vertical Datum Definition should spell out the acronym and provide additional information about the datum.
993	Add Show Items Link to Vertical Datums List Operations Menu	Added a “Show Items” link to the Operations Menu on the Vertical Datums List.
1018	Change alignment of additional information for time series items	Modified the alignment of information about time series items in the “Additional Information” expansion on the Catalog Items List.
1029	BUG: Entity Modals are not working	Fixed a bug that caused the Add Entity link on the Catalog Record Form to open in the browser window instead of in a modal as previously configured.



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
980	Database: Showing Data Collected by Other Agencies	Changes to the database were made to add a new Item Structure that will allow links to data published in other data portals. This change is not visible to users in this release.

Data Acquisition (not publicly accessible)

Issue #	Issue Title	Issue Resolution
849	CSV to JSON Converter Modifications	Implemented a number of enhancements to the RISE CSV to JSON converter for time series data including allowing the user to specify the Source Code by selecting a column or inputting a value, adding a Reset button to remove the uploaded file and reset all fields, validating the date format for date fields, indicating required fields, and updating field titles and instructions.