RISE Release 2.0.0

August 17, 2020

Release Description

RISE Release 2.0.0 is a major release. It addresses 27 issues, including three bug fixes and thirteen enhancements to the RISE website and eleven improvements to the internal Data Administration User Interface. Bugs fixes include a bug with JSON file downloads from the query page, a missing icon on the map interface, and a problem with the CAPTCHA on the Contact Us page. Enhancements to the RISE website include improvements to file downloads from the query page to include additional contextual information and better error messaging, improvements to the query page to only show items that have time series data available for query, and enabling download of geospatial data via the RISE Geospatial Open Data ArcGIS Online site. Enhancements to the Data Administration User interface include enabling auto-complete for tags, allowing additional file types for binary uploads, and numerous improvements to the Add Item form.

Issues Addressed in this Release – RISE Website

Issue #	Issue Title	Issue Description and Resolution
111	For CSV download, include the download date and the API call in the header info for repeatability	Added the query URL (API call) and query date in the query page CSV file download.
148	Implement automated updates of location layers	Implemented automatic, scheduled updates of the RISE point, line, and area location layers. The update occurs every Monday, Wednesday, and Friday.
154	Enable downloading geospatial datasets	Linked the 'Download Data' button on the catalog item details page to the Geospatial Open Data site, which enables users to download the data in multiple formats.
159	Problems with JSON file download	Fixed a bug causing the JSON file download to produce a 500 error for observed locations

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		Fixed a bug that added an extra file extension to JSON downloads (".json.json" instead of ".json"). Added the location name to the JSON download file name. Changed the date range in file name to be the returned date range instead of the queried date range.
165	Icon for "Send to RISE query page" option does not display	Fixed a bug that caused the magnifying glass icon to not appear next to the words "Send to RISE Query Page" you select some data from a RISE layer and then click "..." next to the layer name.
209	UI: Download Geospatial Datasets	Connected the "Download data" button on the catalog item page to the RISE Geospatial Data ArcGISOnline page
267	Address file format issue with image downloads on iPhone	Changed the file format for plot images downloaded from the query page from PNG to JPG for iOS to avoid an issue in which PNG files only display on iPhone if saved to the camera roll, which may not be the default location for saving downloaded files.
280	Catalog Item Details Page Tweaks	Moved the Associated Items to the bottom of the page, removed the data thumbnail placeholder, changed section title, and made URL corresponding to the Download File button accessible for linking
298	UI: fix frontend to use new data structure	Updated the catalog front end due to a change in the catalog API
301	Time Series Query - Items with no Data Associated Are Not Being Handled Correctly	Modified the query page to prevent time series with no available data from being shown in the list of possible datasets to be queried. If a location has multiple time series items, only the items with data associated with them will be displayed. If a location has no associated time series items with data, it will not be displayed.
308	Update map app to latest version of Web AppBuilder and API	Updated the map application to use the latest version of Web AppBuilder and the Esri API.
309	Use views to display location layers	Use views to display the RISE point/line/polygon layers to avoid showing popup text indicating when the layer was last edited. This change caused the layer IDs to change, which required updates to the filter widget, attribute table widget, and map location link.
336	Change to Contact Us Page	Added a privacy notice to the Contact Us form.
347	Naming convention for JSON/CSV for Downloads – Modeled Data	Updated file name for CSV and JSON downloads to include model run name, location name, parameter name and time window.

Issue #	Issue Title	Issue Description and Resolution
355	Hide Time Series Item Outputs with Invalid Date Range	Modified the query page behavior for queries with invalid date ranges (e.g. dates outside the available date range). If a user inputs an invalid date range, they will see an exclamation point and an error message next to the date range and the output will not appear on the Generate Outputs tab.
357	Captcha Overlays Form	Fixed a bug with the CAPTCHA that caused it to require the user to fill out the CAPTCHA prior to submitting the form. The CAPTCHA now appears after the user pushes the submit button.

Issues Addressed in this Release – RISE Data Administration User Interface

Issue #	Issue Title	Issue Description
135	Parameter Description Field changes	Made the parameterDescription field in the database mandatory and filled in missing parameter descriptions.
173	Make catalog and location tags mandatory and enforce datum requirements	Added location tags for UCHDB locations, filled in missing vertical datums for MP locations, updated "OTHER" vertical datums for MP locations, and made vertical and horizontal datums mandatory in the database.
230	Form for user to add and edit catalog items	Created a form to allow data administration interface users to create Catalog Items.
244	Enable deleting records, items, locations, parameters, and managed vocabulary entries	Enabled deleting records, items, locations, parameters, and managed vocabulary entries.
281	Fix File Extension Error on Upload Binary File field	Modified upload tool for binary files to accept the following extensions: jpg, jpeg, gif, png, txt, xls, pdf, ods, xlsx, wmv, mov, mp4, zip ,7z, and csv.
303	Click Map for Data Interface - Rename Tool Tip Labels	Renamed the tooltip labels for the click map in the data administration user interface to indicate the location geometry associated with each tool and reordered the tools.
318	Catalog Item File Format – [User Input] Drop Down	Revised managed vocabulary options for Item file formats.
319	Modify Instruction Text for Parameter Code	Modified the instruction text for the Parameter Code field to read "Enter a Parameter Code in valid json format (e.g. {"CodeName":"CodeValue"}). The Parameter Code is an optional field that can be used to support crosswalking with other datasets."

Issue #	Issue Title	Issue Description
320	Add/Edit Catalog Items	Made the following improvements to the Catalog Item form: • Enabled auto-generation of Catalog Item Title with editing allowed • Eliminated default value selections from all form fields. • Converted Catalog Item Spatial Resolution field to a dropdown field • Made Add Item form available from the main menu • Changed labels on Source Code field names • Added visual indication of required fields
338	Tag Fields on Location Update/Edit Forms Need Auto Complete Capability	Modified Location Tag field to enable typeahead, multi-select, and auto-complete.
353	As a user, I need to be able to make Horizontal/Vertical Datum null	Made the horizontalDatum and verticalDatum fields nullable in the location table