



# RISE Release 2.15.5

April 15 and 29, 2026

## Release Description

RISE Release 2.15.5 is a minor release covering 17 tickets, including four software version upgrades, one search engine optimization improvement, five changes to metadata features, and seven changes to the Data Admin UI, including five bug fixes and two other changes. Software upgrades included Ember Version 5.12, Node Version 22.18.0, PHP Version 8.3, and API Platform Version 4.2. The SEO improvement standardized and optimized page-specific title elements, meta descriptions and keywords to support clearer indexing and improved search result presentation. One metadata change added additional elements to the ISO metadata files generated by RISE. One metadata change fixed issues with URL encoding in the RISE DCAT JSON output, which is harvested to the Department’s Data Inventory and subsequently harvested by Data.gov. Three other metadata changes fixed issues and made improvements to embedded JSON-LD metadata on the RISE Catalog Record, Catalog Item, and Location Details pages. Changes to the RISE Data Admin UI included fixing bugs with copying text into description fields and displaying the user’s role on the My RISE Datasets page, and increasing the automatic session timeout from 15 minutes to 24 hours of inactivity.

## Issues Addressed in this Release

### RISE Website

Issue #	Issue Title	Issue Resolution
#1336	Improve RISE Searchability by Standardizing Titles	As part of ongoing RISE SEO improvements, this release updated page-level metadata to better align with search engine best practices and improve discoverability. Updates included standardizing and optimizing <title> elements, implementing page-specific meta descriptions and keywords, and removing an unused meta tag to support clearer indexing and improved search result presentation.
#1377	Upgrade Ember to 5.12	The RISE frontend was previously running Ember Version 3.28, which was at end of life and no longer receiving bug fixes. In this release, Ember was upgraded to Version 5.12, which is supported by security and bug fixes.
#1378	Upgrade Node to 22.x	Node Version 16.20.2 was previously running on the RISE frontend. This version is at end of life and no longer



Issue #	Issue Title	Issue Resolution
		supported. With this release, Node has been upgraded to 22.18.0, which provides support for security and bug fixes.
#1414	Update Environments to PHP 8.3	The RISE Frontend and Data Admin UI previously ran on PHP 8.1. In this release, PHP was upgraded to 8.3, which is supported by security and bug fixes.

## Metadata

Issue #	Issue Title	Issue Resolution
#1471	Add Keywords and Extent to ISO Content	The process for generating ISO metadata files from RISE catalog records and items was updated in #1406, RISE Release 2.15.3. Post-release testing found that keywords and extent were missing from the ISO metadata content. Both are now added to the ISO metadata output for RISE records and items.
#1531	Fix Issues with Distribution URLs in RISE DCAT JSON Output	The RISE DCAT JSON output and related API responses were updated to ensure URLs comply with RFC 3986 by encoding spaces in file paths, resolving errors encountered by the Data.gov harvester. The update also corrected Time Series distribution links by setting appropriate query behavior for observed and modeled outputs and simplified the API distribution URL to always request all available data, improving reliability and usability of DCAT distribution links.
#1532	Fix Parsing Issues with WKT for RISE Locations	The location geometry and geospatial information in the JSON-LD on RISE Catalog Record, Item, and Location Details pages was updated to correct errors and align with standards. On the Location Details pages, the coordinate order in the Well Known Text (WKT) geometry was corrected to longitude – latitude, the location elevation and units were removed from the WKT to avoid inconsistencies with the expected datum of the WKT standard, and additional GeoSPARQL geometry information was added in alignment with Geoconnex guidance. On the Catalog Record, Item, and Location Details pages, elevation values were removed from the schema.org geometry descriptions to avoid incorrect assumptions about elevation datums.



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#1533	Set Mime Type for RISE Pages	All RISE frontend routes were updated to explicitly set the HTTP Content-Type response header to text/html, ensuring pages return a proper MIME type instead of relying on browser MIME sniffing. This change aligns with crawler expectations from Geoconnex and follows web best practices so clients and crawlers can correctly interpret and parse the HTML content.
#1534	Move JSON-LD Script Tag to <head>	The RISE Catalog Record Details, Catalog Item Details, and Location Details pages were updated to move the JSON-LD <script type="application/ld+json"> tag from the HTML <body> to the <head> to align with Geoconnex best practices, making the structured data easier for partners to discover and parse. As part of the update, the JSON-LD output on these pages was also reformatted to be human-readable while maintaining compatibility with Google Dataset Search structured data requirements.

## API

Issue #	Issue Title	Issue Resolution
#1341	Update API Platform to Latest 4.x Release	The RISE API Platform was previously on Version 3.1. The API Platform is now on Version 4.2. This version provides security and bug fixes and support.

## RISE Data Admin UI (not publicly accessible)

Issue #	Issue Title	Issue Resolution
#1278	Remove Unused Permissions	The unused "Edit Managed Vocabulary Status" permission was removed from the RISE application. Since status fields were previously removed from all managed vocabularies, the permission no longer had any functional use; assignments and references were verified and removed before deleting the permission to simplify the application's permission model.



Issue #	Issue Title	Issue Resolution
#1415	Bug: Fix Modeled/Observed Field so it Does Not Revert to Last Populated Option	Fixed a bug in the RISE Catalog Item Edit form where the Modeled/Observed field for time series items was editable by the user under certain conditions, but would revert to the last populated option upon saving. Validation was added to make the Modeled/Observed field and other time series information fields un-editable when the item has associated time series data. In addition, validation was added to prevent changes to the Item Structure when corresponding data is already associated with an item. Informative error messages were implemented for restricted edits, and the form now displays the number of associated time series results and their date range to help users understand when these fields can no longer be modified.
#1467	Bug: Data Admin UI Does Not Logout After Closing Browser	Fixed bug in the RISE Data Admin UI where users remained logged in if all browser tabs were closed before the inactivity timeout occurred. Now, sessions are properly terminated after the configured inactivity period regardless of whether or not the user has the Data Admin UI open in one or more tabs and sessions are immediately terminated with the user closes all browser tabs.
#1490	Bug: Error When Copying Text into Catalog Item Description Field	Fixed a bug in the RISE Catalog Item form where saving text fields as Work in Progress could bypass validation and trigger a database error when the character count exceeded the 2048-character limit due to carriage return handling differences. The fix updated the Drupal Maxlength module and implemented handling to replace carriage returns in pasted text with spaces, ensuring consistent character counting and preventing form save errors.
#1530	Modify Auto Logout Timing from 15 Minutes to 24 Hours	The automatic session timeout was extended in the RISE Data and Content Admin UI from 15 minutes to 23:55 hours of inactivity with 5 minutes of timestamp padding, extending the total amount of time a user can remain logged in with no activity to 24 hours.



Issue #	Issue Title	Issue Resolution
#1538	Bug: Use an Exact Match Between the Logged-in User's Email and the Entity Email to Retrieve the Contact ID on My Datasets Page	Fixed an issue on the My Datasets page where user roles could be displayed incorrectly due to partial email matching. The logic was updated to require an exact match between the logged-in user's email and the entity email when retrieving the contact ID, manager ID, or owner ID, ensuring null is returned when no match exists and preventing invalid role information in the My Role column.
#1539	Resolve Backend Bugs Found in Testing of PHP Upgrade	Four backend bugs identified during developer testing of the PHP upgrade (#1414) were resolved. Fixes addressed log errors and deprecated syntax, including correcting improper reference passing, updating deprecated string interpolation, defining an undefined variable, and resolving a type conversion issue in page controllers. Two fixes were directly related to the PHP upgrade. All changes eliminate corresponding errors in logs and admin rendering without impacting user-facing functionality.