Release Notes

Latest Release Date: 19 February 2020 (Release 5.0)

Improvements, Modifications, and New Features:

- Entirely new front-end coding of the Tool
  - More consistent and efficient layout and functionality
- USGS Author Affiliation automatically mapped for each USGS author
  - One less item to enter for each USGS author!
- Author affiliation for all non-USGS authors can now be specified
  - Specifying non-USGS co-author affiliations is optional, but recommended
- USGS Research Organization Registry ID (ROR ID) automatically mapped for every USGS DOI created
  - ROR ID definitively identifies and disambiguates "United States Geological Survey" from any similar-sounding names or acronyms for purposes of publication and attribution
- Related identifiers for an individual DOI are now visible in the Dashboard
  - If you have manually mapped a relationship between your DOI and the DOI of another resource, or if we have mined a relationship to your DOI created by an external citation, these are now visible from the Dashboard.

Previous Release Date: 4 December 2019 (Release 4.8.0)

Improvements, Modifications, and New Features:

- Improvements to USGS Author Entry
  - USGS author entry is now separate from non-USGS author entry
    - All USGS authors can be looked up and selected from the Active Directory USGS lookup for addition to a record in a single pass.
    - Authors can be added from the Active Directory lookup even if they don't have an associated ORCid (but remember, USGS FSP Policy requires all publishing authors to have an ORCid. See the FAQ section for help regarding adding an ORCid to an Active Directory profile)
  - The affiliation "United States Geological Survey" is added for each USGS author automatically
- Related Identifiers
  - We are now running a citation mining script to search for downstream citation of DOIs associated with USGS data releases. Published citations of our DOIs in downstream publications will be captured, and the DOI from that downstream publication will be linked to the USGS data release DOI in the DOI Tool. You may see new, automated additions to your DOI record in the DOI Tool as these downstream citations are discovered and captured. Please don't delete these Related Identifiers from your records!
  - In the DOI Tool Dashboard, you will be able to see which of your DOIs have Related Identifiers connected to them. If the Related Identifier is also a 10.5066 DOI, you will be able to view (and edit, depending on permissions) that DOI from an actionable link. If the related DOI is not a 10.5066 DOI, you will see it listed as a text string. Currently, this feature is available only for records that you manage /co-manage in your ‘My DOIs’ tab; in the next release, you will also be able to see related DOIs from the results on the ‘Search DOIs’ tab. This is a cool way to see at a glance what USGS DOIs have downstream citations or other relationships associated with them.

Previous Release Date: 2 October 2019 (Release 4.7.0)

Improvements, Modifications, and New Features:

- Modification to the Relevant Date Types on the Supplemental Information tab:
  - You can now enter more than one relevant date related to the data. For example, your record could document the range of dates during which the data were collected, the date the data were made publicly available, a date upon which the original data were withdrawn to correct an error, and finally, the date of update when the revised data were published.
  - This update supports new recommendations for documenting revisions to a data release and its DOI in the revised guidance for revisions to USGS data releases, published in October 2019.

Previous Release Date: 10 July 2019 (Release 4.6.0)

Improvements, Modifications, and New Features:

- Addition of Date Type 'withdrawn': The latest update to the DataCite metadata schema includes this date type value, to be used when a dataset is permanently redacted and no longer accessible. The use of 'withdrawn' must be in conjunction with a landing page notification that explains that the data are permanently removed and no longer accessible.
- Updates to Swagger documentation for the API: Explains the importance, and requires provision for all USGS authors, of ORCids.
- Support for multiple related identifier types: Previously, a resource linked to a DOI as a 'Related Identifier' had to itself be a DOI. With this change, a linked related identifier can now be a URL that's not a DOI; an ARK; a bibcode; an IGSN; an ISBN; an LSID; a PMID; a PURL; or a w3id.
- Change to a new, bureau-level, authoritative Data Source list: The DOI Tool has migrated to a new list of Data Sources that is built off of authoritative cost centers listed in FBMS. The advantage of this change is that the bureau now has a centrally managed, authoritative list of content sources that can be used across enterprise applications, including this tool, ScienceBase, the Publications Warehouse, IPDS, the Science Data Catalog, and other systems. For many users, your 'Data Source' in the DOI Tool is unchanged; for others, particularly in the Water Resources Mission Area and under national programs, the Data Source name you have used previously is now deprecated (due to center /program reorganization, renaming, or merger with another cost center). SAS will be working over the next few months to batch update as many
records as possible that need to be updated to a more current Data Source; it not our intention to require centers/programs to manually update hundreds of records. For some programs that are terminated due to realignment (e.g., for Water’s National Research Program), the indicated Data Source will remain, unless a request is made to update some or all records to a current Data Source. All records should remain accessible for updates by their respective managers, regardless of the status of the Data Source name. **The best practice for newly created DOIs is to choose the Data Source (i.e. the cost center) that is current and most specific to your data release.** If you have questions, consult your data manager, or submit a DOI Tool Help Desk ticket.