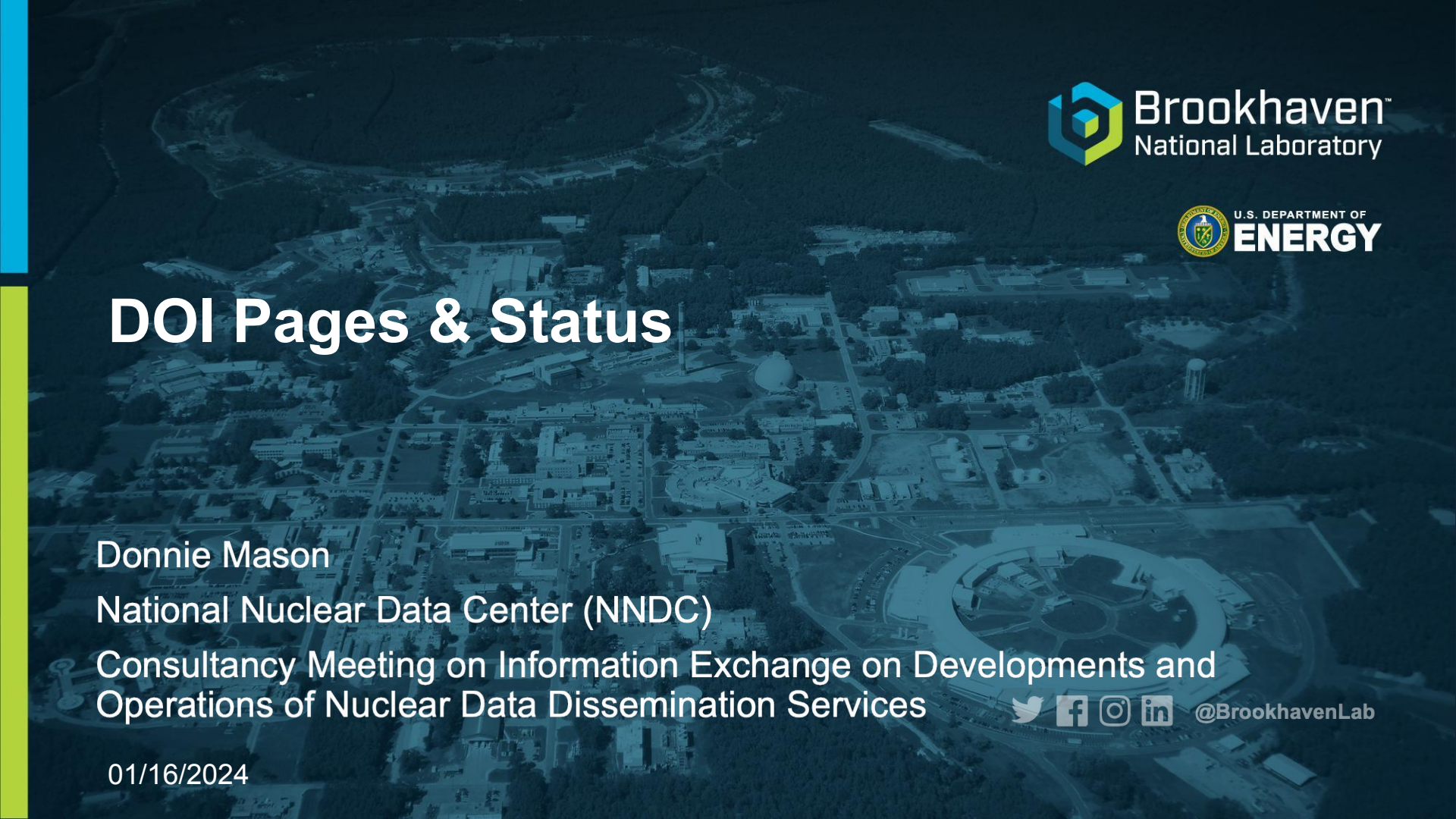


DOI Pages & Status

Donnie Mason

National Nuclear Data Center (NNDC)

Consultancy Meeting on Information Exchange on Developments and Operations of Nuclear Data Dissemination Services

@BrookhavenLab

01/16/2024

General Requirements

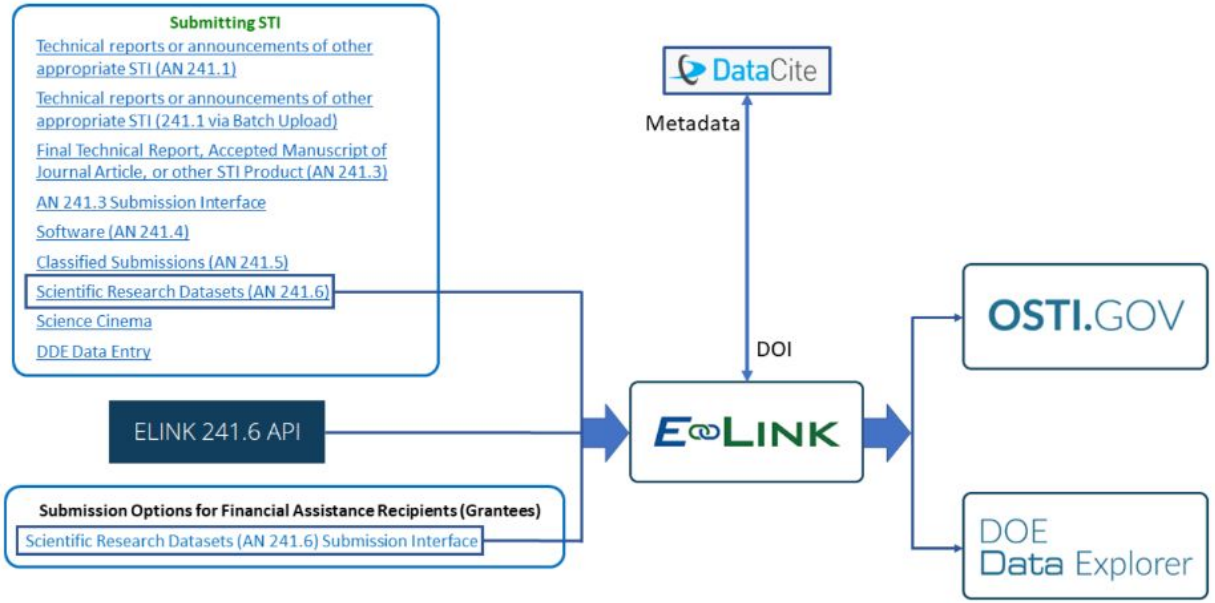
General requirements have been established for data registration. The submitter must:

- Provide the required metadata to enable basic, bibliographic citation
- Have the authority to make the data public, as the data owner, PI, or other designated submitter
- Guarantee the persistence of registered data
    - Ensuring that data are stored and managed for indefinite access and usability
    - Maintaining and updating all landing pages/URLs associated with the DOI

OSTI DOES NOT CURRENTLY PROVIDE A REPOSITORY TO HOST DATASETS.

Minting DOIs

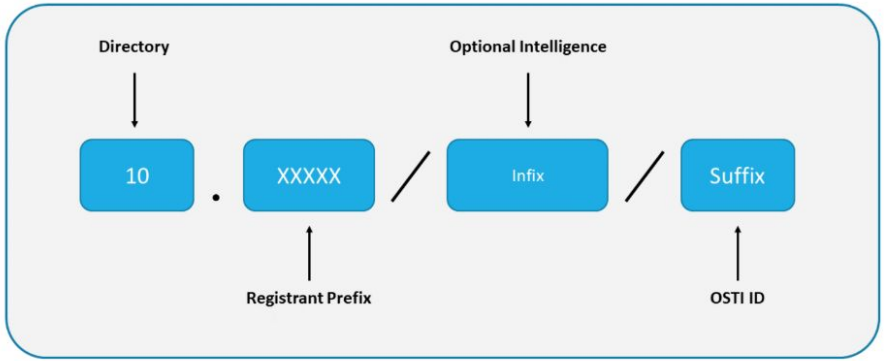
Dataset Record Submission Workflow



DOI Structure

A DataCite DOI consists of a prefix, infix, and suffix. Each OSTI data client receives a numeric prefix from DataCite, which is specific to that data client.

A DOI **prefix** begins with 10.XXXX, where XXXX is a series of numbers.
(See Figure Below)



The **Infix** is optional and can be incorporated by the data client/submitter. The infix can add intelligence to the DOI by incorporating project, user facility, or other specific identification. The infix must contain 3-50 characters. Characters may **not** be spaces or forward slashes (/).

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Meta Data

subjects	A list of subjects, keywords, or key phrases describing the resource
description	A short description or abstract
publisher	The name of the entity that holds, archives, distributes, releases, or produces the resource
country_publication	The country in which this version of the record was published
publication_date	The publication date, in ISO-8601 format
entry_date	The date the record was added or last modified, in ISO-8601 format
doi	The Digital Object Identifier (DOI)
product_type	The product type of the record
language	The primary language of the resource
availability	If applicable, the office or organization to refer access requests to
related_resource	A list of other resources related to this resource
related_identifiers	A list of related identifiers for this resource
research_org	If credited, the organization name primarily responsible for conducting the research
sponsor_org	If credited, the organization name that sponsored / funded the research
contributor_org	If credited, the organization(s) contributing to the research
format	Additional format / paging information
product_number	The report number associated with the entry
dataset_size	The size of the resource
site_url	The url where the resource resides
site_ownership_code	The ID code of the submitting organization
doe_contract_number	The DOE contract number associated with the entry
links	A multivalued field containing link references for this article, typed by "rel" attribute (HATEOAS constraint)

Meta Data

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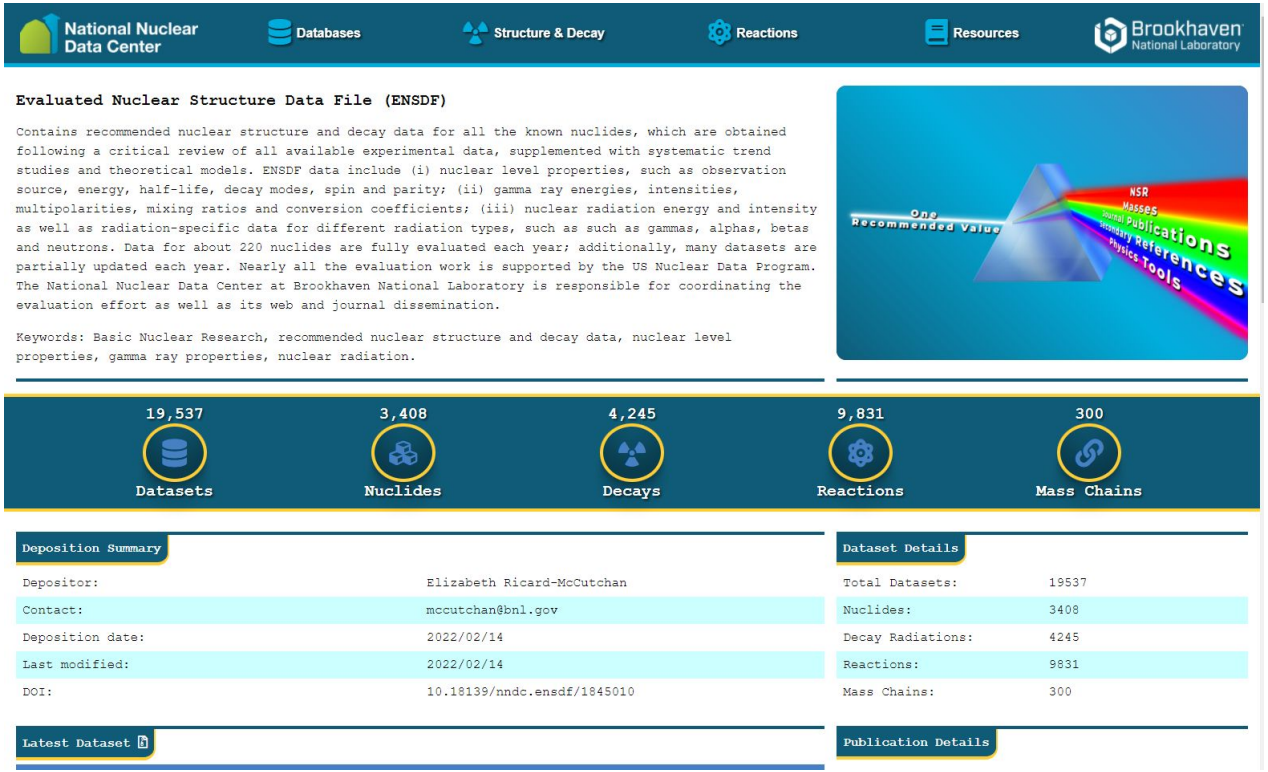
Evaluated Nuclear Structure Data File



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