Dryad Digital Repository

Dryad is a curated resource that makes the data underlying scientific publications discoverable, freely reusable, and citable.

Dryad provides a general-purpose home for a wide diversity of data types.

All data submissions to Dryad must be associated with a publication.

What is submission integration?

A free service that allows publishers to coordinate manuscript submission with data submission by setting up automatic notifications between journals and Dryad.

Benefits:
- Simplify the process of data submission for authors.
- Reduce the rate of noncompliance with journal data policy.
- Ensure bidirectional links between the article and the data and increased visibility for both.

67 journals are currently integrated with the Dryad data submission system.

365 journals are currently represented in Dryad.

Integrated journals account for the vast majority of deposits:

Metadata transfer

Article/manuscript descriptions from publishers can come to Dryad via:

1. Email: notifications sent by the journal system are automatically processed upon receipt.
2. REST API: journal sends API calls to Dryad consisting of a structured JSON object containing manuscript metadata.

Journal case study: Molecular Ecology

ME data packages in Dryad:
- 1,147 (15% of total)

ME data files in Dryad:
- 4,313 (avg 3.7/package)

Total size of data packages:
- 162 Gb

Total ME file downloads:
- 56,749

Long tail cont.

Integration options

Journals and publishers tell Dryad how they wish to configure integration to meet their needs. Key questions include:

- whether data should be available before MS review
- whether secure data review is needed
- whether data embargoes are allowed

When is data released?

70% of integrated journals allow data embargoes extending beyond article publication, but most authors don’t choose that option:

Journal integration workflow: Review

Data embargo allowed?: No

ME data packages released by year

2009-2014

Learn more: http://datadryad.org