



Dryad Sustainability Plan

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Dryad's promise



A one-time fee when data files are archived ensures that:

- Access to data will always be **free**
- Data will be archived **permanently**
 - Replicated and secured in CLOCKSS
 - Data in obsolete file formats will be **migrated** to new formats over time
- Dryad will remain **nonprofit, transparent** about our funding and **member-governed**



Timeline



- 2008
 - Initial grant funding from NSF & NESCent
- 2009
 - Employed two consultancies to develop sustainability plan
- 2010
 - Initial plan developed and circulated 2010
- 2011
 - Modified by feedback from DryadUK project (JISC)
 - Recommended by Dryad Consortium Board
- 2012
 - Finalised by Board of Directors
 - Renewed development funding from NSF (through 2016)

What does the cost model include?

- Included
 - Repository management and administration
 - Curation
 - Storage and hardware
 - Software Maintenance
 - Outreach and Promotion
 - User documentation and training
 - Other minor expenses
- Excluded
 - R&D
 - Facilities
 - Staff training
 - Nonprofit startup



Revenue sources considered

- **In-kind contributions**
- **Journal subscriptions**
- **Submission/deposit fees**
- **Grants**
- **Tiered charges according to size of dataset**
- One-time joining fees
- Angel donors
- Institutional sponsorship
- *Freemium model not considered*

Why submission fees?



- Most expenses incurred at curation
- Charging a small fee for every submission is the fairest and most sustainable way to recover our actual costs for archiving
- Submission fees scale with curation expenses

Who can pay?



- Organizations like publishers, journals, societies, funders and libraries
- Individual researchers at the time of acceptance
- Waivers for researchers in low or lower-middle income countries

Base price



- \$80 per data package¹
- Fees only apply to submissions that are accepted
- We offer bulk discounts and member discounts
- For packages larger than 10 GB there is an extra fee of package \$15 for the first GB and \$10 per GB thereafter
- There is a \$10 fee if the journal is not integrated - journal integration is free

1. A data package is all the files associated with one ARTICLE

Voucher Plan



- Any organization can purchase vouchers
- They can be applied to any submission
- Minimum purchase is 25 vouchers
- Flexible distribution methods – we can even re-issue unused vouchers
- Cost: \$70 (\$65 for Members)

Deferred Plan



- Any organization can participate
- Billed quarterly for accepted data packages
- Minimum one-year contract
- Customers may set a cap on data packages
- Cost \$75 (\$70 for members)

Subscription Plan



- Only for *Integrated Journals*
- Unlimited number of data packages
- 2 year contract
- Annual fee is based on the total number of research *articles* published by the journal(s) in the previous year
- Cost \$30 per article (\$25 for members)

No plan in place?



- The individual researcher pays \$80 when the data is accepted
- Waivers for countries defined by the World Bank as low or lower-middle

Plan Comparison



Payment Plan	Member	Non-member	Minimum purchase
1. Voucher Plan	USD\$65 per data package	USD\$70 per data package	25 vouchers
2. Deferred Payment Plan	USD\$70 per data package	USD\$75 per data package	1 yr contract
3. Subscription Plan	Annual fee based on USD\$25 per published research article	Annual fee based on USD\$30 per published research article	2 yr contract
For individuals: Pay on acceptance	NA	USD\$80 per data package, payable by the submitter	1 data package

Membership benefits



- Voice in governance by nominating and electing the Board of Directors
- Annual membership meeting and participation in knowledge sharing network
- Support open data publishing
- Receive a \$5.00 discount on submission fees

Membership Dues



Gross income	Dues if below	Dues if above
10 million US Dollars	USD \$1,000	USD \$5,000
7.8 million Euros	€780	€3900
6.6 million GB Pounds	£660	£3300
10 million Canadian Dollars	CAD \$1,000	CAD \$5,000
950 billion Japanese Yen	¥95,000	¥475,000
9.6 million Australian Dollars	AUD \$960	AUD \$4,800

Grant funding and donations



- Research and innovation
- Education and outreach, e.g. Dryadlab
- Waivers
- Special projects like ODIN
- Nonprofit start-up expenses

Members (*charter)

- American Association for the Advancement of Science *
- American Genetic Association *
- American Society of Naturalists *
- Biological Journal of the Linnean Society (Linnean Society of London*)
- BioMed Central *
- British Ecological Society *
- BMJ Open*
- Ecology Letters (Centre National de la Recherche Scientifique)*
- Ecological Society of America *
- Elementa: Science of the Anthropocene
- European Society for Evolutionary Biology *
- Evolutionary Applications *
- Genetics Society *
- Journal of Paleontology and Paleobiology (The Paleontological Society *)
- Molecular Biology and Evolution (Society for Molecular Biology and Evolution *)
- Molecular Ecology & Molecular Ecology Resources *
- Molecular Phylogenetics and Evolution *
- Oikos (Nordic Society Oikos *)
- Oxford University Press *
- Pensoft Publishers *
- PLOS *
- Society for the Study of Evolution*
- Society for Systematic Biologists *
- US Fish and Wildlife Service *
- Wiley-Blackwell *

What can you do to sustain Dryad?



- As a nonprofit, Dryad is
 - Committed to open research data for the public good
 - Governed by diverse stakeholders
 - Transparent about priorities and finances
- Become a member
- Integrate your journal (free)
- Sign up for a Payment Plan