

NASA'S PUBLIC ACCESS PLAN

Feedback from Data Management and Integration Office (DMIO) in HRP

Section: Revisions

Revision: There shall be no publication embargo period for peer-reviewed publications

Comment:

1 year data embargo period is to allow PIs time to publish. For clarification, A draft publication is not a peer reviewed publication until it has been formally accepted by the journal. Many scientists would consider "accepted for publication" as a peer reviewed article. Since it is now common for a peer reviewed article to come out online before it appears in the published journal article, it might be good to clarify what "peer -reviewed publication" means. Also note a preprint IS NOT a peer reviewed journal article. Some journals allow preprints online while they undergo peer review, but until acceptance by the journal they are not "peer reviewed".

Section: Revisions

Revision:

Software should be included as part of Open Access, , subject to NASA software release requirements

Comment:

Fix punctuation issue. Als Need clarification. Will NASA pay for licenses? How/who will be responsible for installation? Is this only for NASA propriety software or open source?

Section: Revisions

Revision:

Software used to generate research findings/results should be made available in a public archive at the time of publication

Comment:

See above comment. This needs additional clarification.

Section: 2.0 Scope

Revision:

"Research data are defined as the recorded factual material commonly accepted in the scientific community as necessary to validate research findings, but not any of the following: preliminary analyses, drafts of scientific papers, plans for future research, peer reviews, or communications with colleagues. This 'recorded' material excludes physical

objects (e.g., laboratory samples).

Comment:

This definition should also be included in the glossary.

Section: 4.1 NASA Research Policy

Revision: “Require all researchers to share their data and analysis code at the time of publication (see Part C of this plan), as defined in the DMP. This includes data that are displayed in charts and figures. This requirement could be met by including the data as supplementary information to the published article, or through other means. The published article should indicate how these data can be accessed.”

Comment:

Also include - Tables, figures, and conclusion in final report must be supported by submitted data

Section: 4.5 Public Access to Scientific Data

Revision: Nasa Life Sciences Portal (NLSP) should be added to this list. nlsp.nasa.gov

Comment:

Suggested wording:

The NASA Life Sciences Portal (NLSP) is a collection of space life sciences research information, evidence and data on astronauts and other subjects. NASA's Human Research Program (HRP) conducts research and develops technologies that allow humans to travel safely and productively in space. The Program utilizes NLSP to acquire, preserve and distribute life sciences research data and enable the future use of the data for research opportunities.

Section: Part B – 1.0 Purpose and Background

Revision: “Researchers can publish in journals that are part of the Clearinghouse for the Open Research of the United States (CHORUS) publishing group.”

Comment

This only works if the peer reviewed publication acknowledges funding by a NASA grant. If they don't, linking is not automatic. Would suggest requiring acknowledgement.

Section: 5.0 Implementation

Revision: “freely available” in Policy section

Comment

Freely available should be clarified

Revision: Access and discoverability section

Comment

Embargos is a different definition here than above

Revision: “The full text of peer-reviewed publications shall be available without delay upon publication. The 12-month embargo period that was previously in place is now removed.”

Comment:

Need to explicitly clarify the relationship between this document (NASA and NASA funded research in peer reviewed articles) and journals that retain copyright for publications or are behind a paywall.

Section: 4.1 NASA Research Software Policy

Comment: This document needs to define software and computation models. Are they the same or different? If they are different should computational models be included? Computational models are addressed separately from software in HERO Overview and HRP DMP.

Section: 4.2 Guidance and Training

Revision:

“NASA has developed guidance, including an overarching SMP template, to assist researchers in developing and implementing their SMPs. Example SMPS will be made available whenever possible.”

Comment:

So where is this resource and how can it be accessed?

Section: Implementation Process

Revision:

“Compliance requirements and consequences for noncompliance with publications will be clearly detailed in award instruments and enforced. Publications cited in required reports (e.g., annual progress and final reports) must be present in the PubSpace collection in the NTRS repository. Publications absent from the repository will result in a request to the corresponding author to remedy the defect. Ongoing evaluation of compliance and alerting noncompliant authors will be accomplished using these progress and final reports”

Comment:

The biggest issue is compliance tracking. How to find out about all peer review journal articles and whether they have been submitted to Pubspace. The HERO 2023 overview attempted to address this via

asking PIs to provide a list of publications from HRP funded research but it takes resources to check and get compliance. Also, will NASA make these compliance scores available to all departments?

Section: Glossary

Comment:

Definitions are inconsistent with the rest of the document.

For questions about feedback, please reach out to:

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