



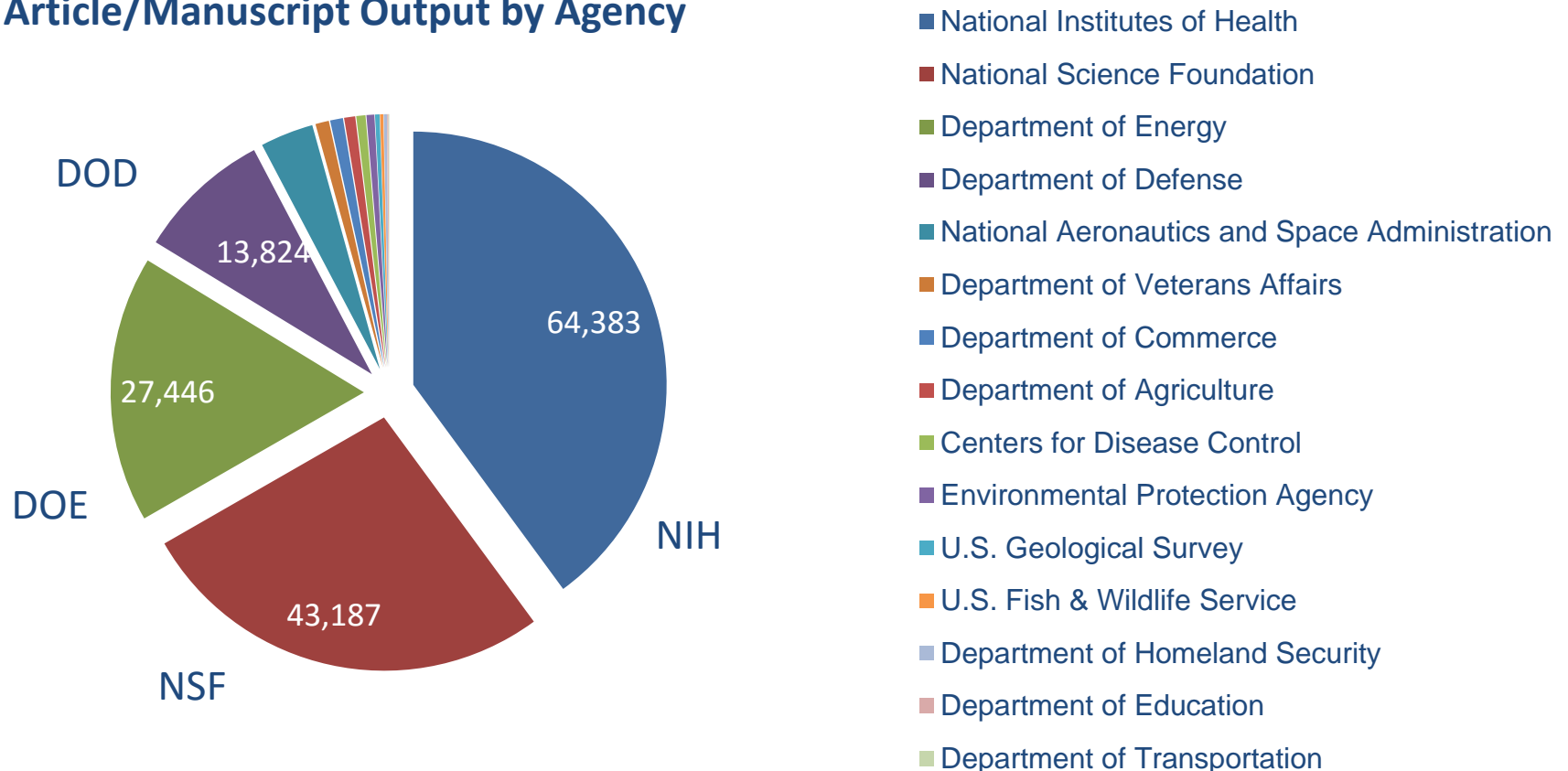
Public Access to Peer Reviewed Articles in accordance with the OSTP Memo of February, 2013

Belinda L. Hurley	ASEE
Ohio State University	Engineering Research Council Annual Conference
	March 8, 2016

“Public Access” Defined

Public access = US government policy on providing free access to scholarly publications (i.e., **peer-reviewed journal articles**) and digital data resulting from federal research funding.

Article/Manuscript Output by Agency



Agency	Repository	PI must provide	Effective	
USDA	PubAg (thru NAL Digital Collections)	Details pending	Jan-16	
DOD	Defense Technical Information Center's database	Details pending	4th qtr 2016	
DOE	PAGES (Public Access Gateway for Energy and Science)	*PRAM or VoR OR link to PRAM or VoR <i>in institutional repository</i>	Oct-15	
CDC/ATSDR	PubMed Central and CDC Stacks	*PRAM or VoR	Oct-15	
FDA	PubMed Central	*PRAM or VoR	Oct-15	
NIH	PubMed Central	*PRAM or VoR	Apr-08	
DOT	DOT National Transportation Library	*PRAM or VoR	Dec-15	
NASA	PubMed Central	*PRAM or VoR	Not specified	
NIST	PubMed Central	*PRAM or VoR	Oct-15	
NOAA	NOAA Institutional Repository	*PRAM or VoR	Jan-16	
NSF	PAGES (Public Access Gateway for Energy and Science)	*PRAM or VoR OR link to PRAM or VoR <i>in institutional repository</i> Details Pending	Jan-16	

*PRAM = Peer Reviewed Accepted Manuscript (final version)

*VoR=Version of Record (typically publisher's version)

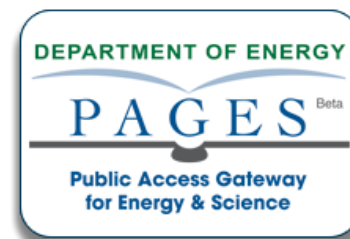
Details pending ...

The latest NSF info states:

- *The ... requirement will apply to new awards resulting from proposals submitted, or due, on or after January 25, 2016.*
- *NSF requires ... [submission to the] ... repository hosted by the Department of Energy, which will become available by the end of calendar 2015.*

DOE PAGES (Public Access Gateway for Energy and Science, beta phase).

- DOE and NSF
- Uses DOE STI Management System ([E-Link](#))
- Will be modified to accept NSF publications??



PubMed Central

- NIH, CDC, FDA, NASA, NIST
- Well established and reasonably user-friendly
- PubMed Central (repository) vs. PubMed (citation index)
- NIHMS (submission system) vs. NIHMSID (interim ID) vs. PMCID (assigned after submission is approved)



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Public Access is mandatory 12 months after the publication date, **but ...**

- **Upon acceptance of the publication**, PI must submit:
 - Metadata for the Peer Reviewed Accepted Manuscript” or Version of Record (VoR)
 - PDF of Accepted Manuscript (or VoR, if publisher permits) **OR** institutional repository link to Accepted Manuscript or VoR

Agency Repository – PAGES, PubMed Central, etc.

Institutional Repository – OSU Knowledge Bank, Purdue e-Pubs, etc.

- A CHORUS (publisher’s) link can also be provided by the PI (or in some cases publishers are working with agencies to provide CHORUS links).
NOTE: A CHORUS link alone does not satisfy the requirements.

CHORUS – Clearinghouse for the Open Research of the United States
(Publisher-led initiative in response to the OSTP memo)

PI is responsible for ensuring that the Accepted Manuscript or VoR is, in fact, made available 12 months after publication.

Peer Reviewed Publications

Public Access Documents

- must be 508 compliant
- must be stored in a secure , long-time **public** repository
- must include metadata

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corrosion



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Advanced heat exchanger development for molten salts

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This study addresses present work concerned with advanced heat exchanger development for molten salt in nuclear and non nuclear thermal systems. The molten salt systems discussed herein use alloys, such as Hastelloy N and 242, which show corrosion resistance to molten salt at nominal operating temperatures up to 700°C. These alloys were diffusion welded, and the corresponding information is presented. Test specimens were prepared for exposing diffusion welds to molten salt environments. Hastelloy N and 242 were found to be weldable by diffusion welding, with ultimate tensile strengths about 90% of base metal values. Both diffusion welds and sheet material in Hastelloy N were corrosion tested in 75 mol% KF and 42 mol% ZrF₄ at 650, 700, and 850°C for 200, 500, and 1,000 hours. Corrosion rates found were similar between welded and nonwelded materials, typically <10 mils per year. For materials of construction, nickel and alloys with dense nickel coatings are effectively inert to corrosion in fluorides, but not so in chlorides. Hence, additional testing of selected alloys for resistance to intergranular corrosion is needed, as is a determination of corrosion rate as a function of contaminant type and alloy composition with respect to chromium and carbon to better define [more »](#)

Free Publicly Accessible Full Text

[Accepted Manuscript \(DOE\)](#)  (1.28 MB)

Publisher's Version of Record

[10.1016/j.nucengdes.2014.09.026](https://doi.org/10.1016/j.nucengdes.2014.09.026)

Have feedback or suggestions for
a way to improve these results?

[Let us know!](#)Authors: [Sabharwal, Piyush](#) ^[1]; [Clark, Denis](#) ^[1]; [Glazoff, Michael](#) ^[1]; [Zheng, Guiqiu](#) ^[2]; [Sridharan, Kumar](#) ^[2]; [Anderson, Mark](#) ^[2][+ Show Author Affiliations](#)

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All the plans have a 12-month “embargo” period
(aka “administrative interval”).

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Where to get the Details

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 - **User-friendly plan details summarized**
 - **Implementation timelines**
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Compliance

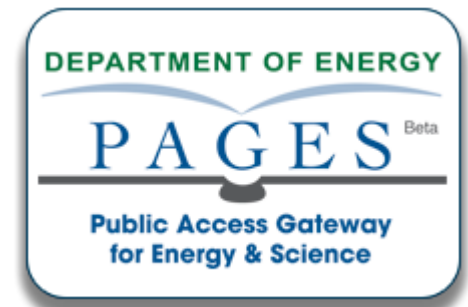


From the NSF Plan: *Only journal articles and juried conference papers that have been deposited in the public access repository can be included in annual and final reports, and Cognizant Program Officers will only see public access compliant journal articles and juried conference papers. Thus, the system ensures compliance with the public access requirement as a function of reporting.*

...

*In instances of non-compliance, the Foundation can exercise a range of administrative options depending on the specific circumstances, **including withholding future funding, if warranted.*** (emphasis added)

From the DOE Plan: *FundRef, a publisher-agency collaboration to add funding agency identifiers to manuscript/article metadata, will facilitate the tracking of publications resulting from DOE funding and therefore assist DOE in assessing and addressing any gaps in the PAGES repository.*



OSTP Memo of February 22, 2013:

http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf

Ebling Library Federal Agency Public Access Compliance page:

<http://researchguides.ebling.library.wisc.edu/c.php?g=375061&p=3112150>

DOE (and NSF), Public Access Gateway for Energy and Science (PAGES):

<http://www.osti.gov/pages/>

DOE PAGES FAQs: <http://www.osti.gov/pages/faq>

NSF FAQs: <http://www.nsf.gov/pubs/2016/nsf16009/nsf16009.jsp>

NCBI Account Registration (PubMed Central): <https://www.ncbi.nlm.nih.gov/account/>

PubMed Central: <http://www.ncbi.nlm.nih.gov/pmc/>

PubMed Central FAQs: <http://www.ncbi.nlm.nih.gov/pmc/about/faq/>

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