



Status on Recent Changes in NASA's Policies and Directives

Public Access to Scientific Data and Publications

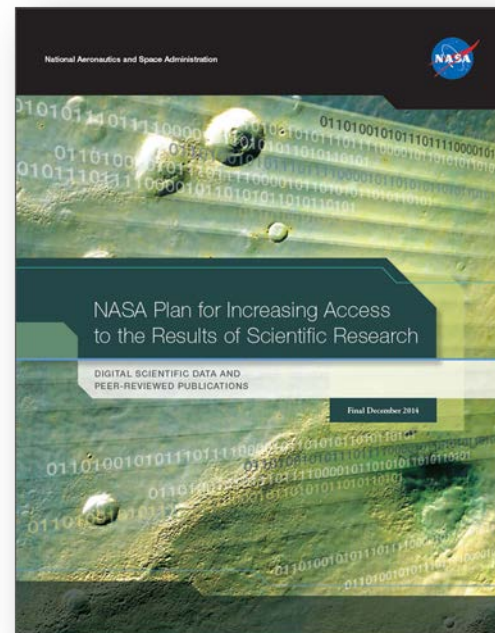
Presented to the Space Studies Board Committee on Best
Practices for a Future Open Code Policy for NASA Space Studies

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Agency Progress

- In response to the OSTP Memo from February 2013 which directs each Federal agency with over \$100 million in annual conduct of research and development expenditures to develop a plan to support increased public access to the results of research funded by the Federal Government.
- The Agency developed the *NASA Plan for Increasing Access to the Results of Scientific Research*.
- NASA Policy Directive NPD 2230, Research Data and Publication Access is final
- A website portal for all of NASA data information is located at www.nasa.gov/open/researchaccess. It includes the plan/NPD, FAQs, links to training videos as well as links to NASA datasets.
- NASA repository for peer reviewed publications is located at PubSpace



“Effective data management has the potential to increase the pace of scientific discovery and promote more efficient and effective use of government funding and resources.” (Excerpt from the NASA Plan)



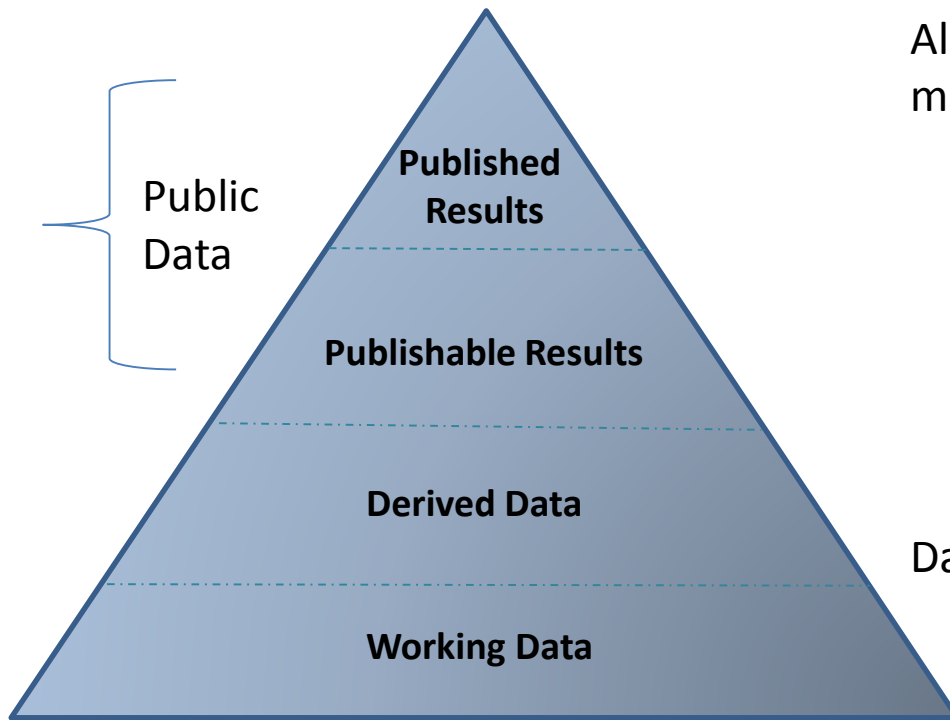
Publication Management Status

- Extramural = Grantees and contractors to submit accepted peer reviewed manuscripts to the PubMed Central System.
 - OMB and Federal Register notice went out to public in January; final rule went into effect 5/31/2016.
 - Working process for extracting required metadata in XML format for Grants via Federal Exporter/FPDS.
- Intramural = Civil servants accepted peer reviewed manuscripts to be submitted by the STI Program in batches to the PubMed Central System.
 - Civil Servant Batch testing is now occurring
- Within the NIH PMC System, NASA will be able to query manuscript submittal information and metrics for reporting purposes.



NASA Public Data Access Policy

NASA's policy has always been to make scientific data available; the OSTP policy prompted NASA to search for ways to make it easier to access and search



- Working Data: Raw experimental data (experiments, simulations)
- Derived Data: Working data that have been analyzed or processed
- Publishable Results: Data ready for publication with uncertainty estimates
- Published Results: Reviewed by NASA and published in a journal, book, etc

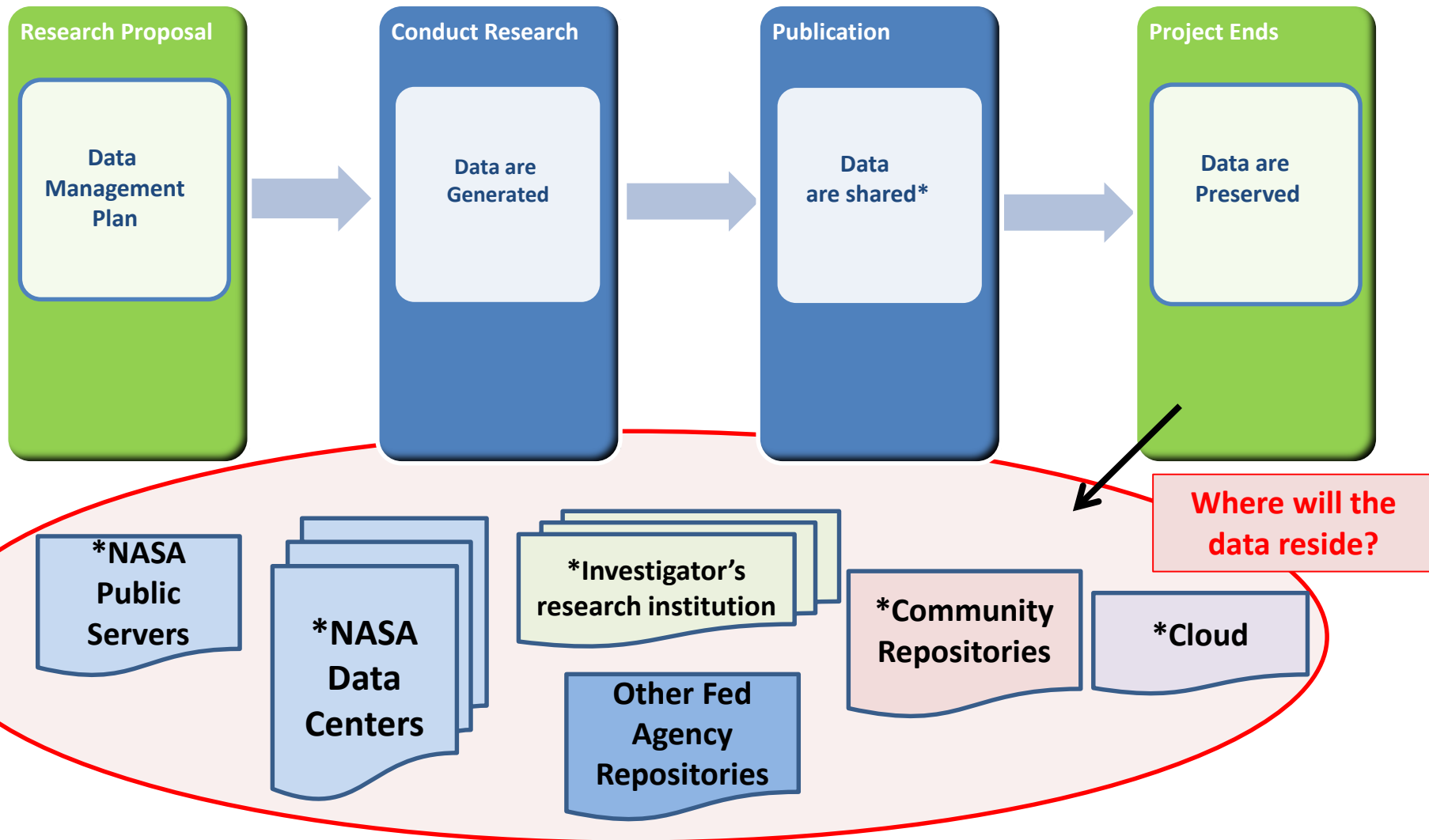
All NASA's research solicitations require a data management plan (DMP)

Became effective in 2016 solicitations
DMP will not be counted in the overall proposal page count
DMP must be included in the proposal and identify where the data will be housed

Data repository

Primary repository for research data will be a NASA approved data archiving center
On case by case basis other data centers or venues will be considered

NASA Research Data Access Plan: Research Data “Lifecycle”



Dashboard – NASA Data Portal PubSpace

NASA-Funded Research Results

Home
Data Management Plan
PubSpace
NASA's Data Portal
FAQs
NASA Public Access Feedback

Related Topics
All Topics A-Z

Public Access to Results
NASA has developed an agency plan, and associated policy, outlining a framework for activities to increase public access to scientific publications and digital scientific data resulting from NASA-funded research.

NASA's Data Portal

Training Videos

OSTP Policy

PubSpace
NASA-funded authors and co-authors deposit copies of their peer-reviewed scientific publications and associated data into NASA's publication repository, PubSpace.

Data Management Plan
NASA-funded extramural and intramural researchers receiving grants, cooperative agreements, and contracts for research are required to follow NASA's policy to develop data management plans as part of their NASA funding proposals. Their plans must describe how they will provide for long-term preservation of, and access to, their unclassified scientific data in digital format in NASA-approved repositories.

Science Mission Directorate

Space Technology Mission Directorate

Human Exploration and Operations Mission Directorate

Aeronautics Research Mission Directorate

NASA National Aeronautics and Space Administration
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<http://www.nasa.gov/open/researchaccess>