

National Data Service (NDS) and NDS Consortium

October 23-24, 2014

Host: National Institute of Standards
and Technology, Gaithersburg, MD

Twitter: #NDS2

Workshop goals

- **Codify a Shared Vision of Success**
- **Report on Pilot Projects**
- **Increased Alignment on Technology Architecture**
- **Increased Alignment on Governance strategy**
- **Advance Working Groups**
- **Identify Fundable Projects**
- **Increased Alignment with Parallel Initiatives**

Workshop deliverables

- A shared vision of success
- Agreements on key aspects of the technology architecture
- Agreement on key aspects of governance
- Calibration and direction on pilot projects
- Formalization of working groups
- Expansion of the community of thought leaders engaged in enabling NDS success
- Increased communication and coordination among open data initiatives

Workshop agenda overview

Day 1:

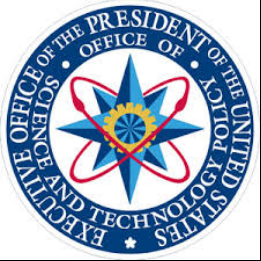
- Breakfast and registration
- Welcome and overview
- NDS
- NIST/MGI
- RDA
- Shared vision of success
- Coalition for the publication of data
- NDS Pilot projects
 - Materials data facility
 - Data-literature linking .
 - Hackathon
 - Astronomy

- EUDAT
- Steering committee report
- NDS architecture & framework
- Break out sessions
 - Technical structure
 - Architecture & framework
 - Search & discovery
 - Social structure
 - Governance
 - Community engagement
- Break out reports
- Feedback
- Closing remarks
- Reception/stakeholder voices

Workshop agenda overview (cont.)

Day 2:

- Breakfast and registration
- Check in
- RDA interoperability
- Dryad
- Dataverse
- DataNet Fed Consortium
- Pilot/grant project planning
- Group reports
- Concluding comments



February 22, 2013

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

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May 24, 2013

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Most important challenges of the 21st Century, as identified by NAE



Make solar energy economical



Provide energy from fusion



Develop carbon sequestration methods



Manage the nitrogen cycle



Provide access to clean water



Restore and improve urban infrastructure



Advance health informatics



Engineer better medicines



Reverse-engineer the brain



Prevent nuclear terror



Secure cyberspace



Enhance virtual reality



Advance personalized learning



Engineer the tools of scientific discovery

