

# Reading List

## Overview

- [National Data Service Consortium](#) ([Charter](#), [Vision](#))

## Software, Tools, and Archives

- [CyVerse](#)
- [Globus](#) ([API](#), [Paper](#), [Tutorial](#))
- [HUBzero](#)
- [IRODS](#) ([Paper](#))
- [NSF DataNets](#)
  - [DataONE](#) ([Paper](#), [Webinars](#))
  - [Data Conservancy](#)
  - [DataNet Federation Consortium](#)
  - [Sustainable Environment Actionable Data](#)
  - [Terra Populus](#)
- [NSF Data Infrastructure Building Blocks](#)
  - [BrownDog](#) ([Paper](#), [Components](#))
  - [Data Exacell](#)
  - [Geospatial Data Analysis Building Blocks](#)
  - [LearnSphere](#)
  - [MIDAS](#)
  - [SciServer](#)
- [Zenodo](#)
- [International](#)
  - [EUDAT](#)

## Computation and Storage

- [Chameleon](#)
- [NSF XSEDE](#)
  - [IU Jetstream](#)
  - [PSD Data Supercell](#)
  - [SDSC Comet](#)

## Standards

- [Open Archives Initiative](#)
  - [Object Reuse and Exchange](#)
  - [Protocol for Metadata Harvesting](#) ([Tutorial](#))
- [Research Data Alliance](#)

## Data and its Potential to Accelerate Science

- <https://www.washingtonpost.com/news/speaking-of-science/wp/2016/01/27/scientists-open-the-black-box-of-schizophrenia-with-dramatic-genetic-finding/>
- <http://www.nytimes.com/2013/03/07/science/unreported-side-effects-of-drugs-found-using-internet-data-study-finds.html>
- <http://www.sciencedaily.com/releases/2015/06/150629132550.htm>

## Technologies

- [Docker](#)
- [Jujucharms](#)
- [Jupyter](#)
- [OpenStack](#)