Harvard Dataverse   A collaboration with Harvard Library, Harvard University IT, and IQSS

Metrics 1,807,739 Downloads
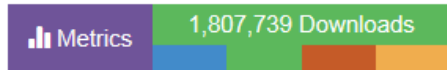
Share, publish, and archive your data. Find and cite data across all research fields.

World Agroforestry Centre - ICRAF Dataverse

Population Services International (PSI) Dataverse

INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE
IFPRI
International Food Policy Research Institute (IFPRI) Dataverse

Henry A. Murray Research Archive *at* Harvard University
Murray Research Archive Dataverse
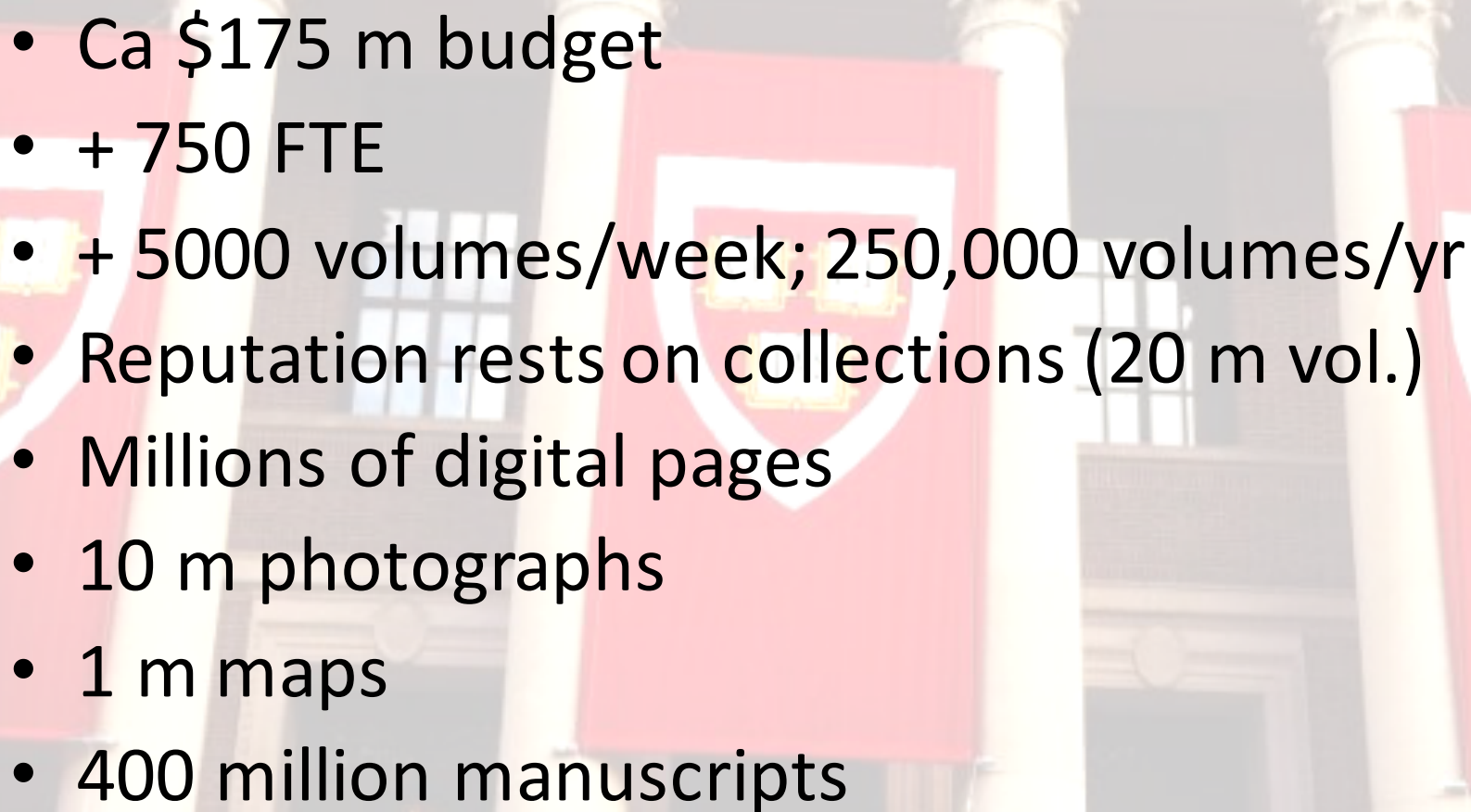
Libraries & Data

Sarah E. Thomas

Vice President for the Harvard Library

&

University Librarian

- Ca $175 m budget
- + 750 FTE
- + 5000 volumes/week; 250,000 volumes/yr
- Reputation rests on collections (20 m vol.)
- Millions of digital pages
- 10 m photographs
- 1 m maps
- 400 million manuscripts

But What about Data?

Data, it's not just important, it's sexy.... Harvard Business School
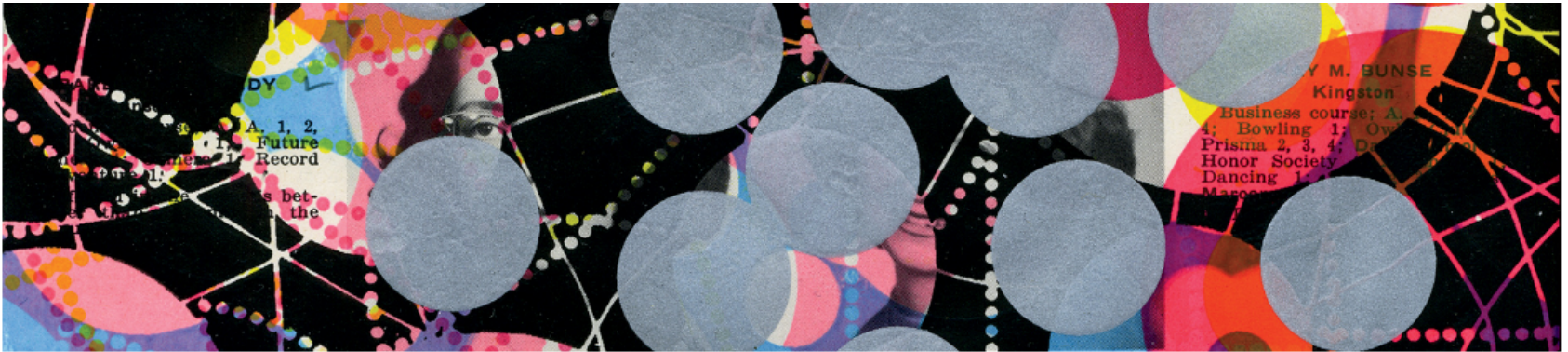
ARTWORK: TAMAR COHEN, ANDREW J BUBOLTZ, 2011, SILK SCREEN ON
A PAGE FROM A HIGH SCHOOL YEARBOOK, 8.5" X 12"

DATA

Data Scientist: The Sexiest Job of the 21st Century

by Thomas H. Davenport and D.J. Patil

WHAT TO READ NEXT

Big Data: The Management Revolution

Harvard Library Digital Strategy

- **Digitization**
- Develop a program for Pan-Harvard digitization projects.
- Update policy guiding vendor partnership for digitization from our collections.
- Create a comprehensive digital library for our reformatted collections.
- Create sustainability plan for digital storage costs.
-

- **Digital Scholarship**
- Define needs for medium term storage of digital information.
- Formalize and increase library support for digital scholarship.
- Formalize and increase library support for data research management.
- Create a program for publishing via the Harvard Library.

Harvard Guidelines and Policies

At Harvard

For any research project involving data, it is important you understand your rights and responsibilities. The following links will assist you as you consider issues such as intellectual property, security and privacy.

Office of Vice Provost for Research
Lists research policies and contacts, as well as a research checklist that will direct you to the relevant policy or to the appropriate office you will need to contact.

Office for Sponsored Programs
Lists additional University policies, such as Retention of Research Data and Materials, that correspond to a particular phase of the award life-cycle.

General Records Schedule (University Archives)
Regulates how long to keep different types of records, and whether to send records to an archive or destroy them when they are no longer needed; it covers common types of records found across the University in all formats – including electronic records and email.

Office of Technology Development
Includes helpful information on licensing, intellectual property, material transfer along with other guidelines, policies, forms and agreements.

Useful Contacts

Research Development (**FAS**):

Susan Gomes Director of Research Development and Strategy
phone: (617) 496-9448

Erin Cromack, Research Development Officer
phone: (617) 496-5252

Sponsored Research Administration, Social Sciences (**FAS**):
Pamela Baker-Webber Sponsored Research Administrator
phone: (857) 488-6890

Harvard Medical School Research Administration

Sponsored Research Administration (HMD/HSDM)

Research Records Management (University Archives)
Serves Central Administration, the graduate and professional schools (other than those listed below), research

Data Symposium

Data Science for Librarians

Financial Administration

Office for Sponsored Programs

Launch of Data Management Planning Tool

April 26, 2016

Author: Eleni Castro

As a result of collaborations with the Office of the Vice Provost for Research, Harvard University Information Technology, and IQSS, Harvard Library has launched a customized version of DMPTool, an online data management planning tool, for Harvard University. Data management plans—documents that outline what researchers will do with data during and after a project—are becoming increasingly required by funding agencies such as the National Institutes of Health and the National Science Foundation. The online tool provides step-by-step guidance for

Welcome to the OSP Blog!

Please note that policies are subject to revision, and specific policies referenced in past blog posts may have been updated since the posts' original publication dates. If you have any questions regarding whether a policy referenced in an older blog post is still in effect, please visit the Policies and Guidance section of our website or contact your OSP representative.

Subscribe to the OSP Blog

DMPT

HARVARD LIBRARY | Research Guides | SEARCH & FIND | HOLLIS+ | HOLLIS CLASSIC | JOURNALS | DATABASES | LIBRARIES/HOURS | ALL MY ACCOUNTS | ASK US

Data Management

Enter Search Words [Search]

- Data Management Plans
- **DMPTool**
  - WHAT IS DMPTOOL?
  - USING DMPTOOL AT HARVARD
  - BENEFITS OF USING DMPTOOL (VIDEO)
- Guidelines and Policies
- File Formats and Naming
- Repositories/Storage
- Citing Your Data
- Help

What is DMPTool?

DMPTool is an online tool available to help you create and share your data management plans to meet funder requirements and as a best practice for managing your data. DMPTool provides step-by-step guidance for creating your own DMP and includes templates and sample plans to help you address requirements specific to Harvard and your funding sources.

Using DMPTool at Harvard

Harvard is a DMPTool partner institution. Log in using your Harvard credentials.

- Go to DMPTool. Click **Get Started**.
- Select **Harvard University** from the menu of DMPTool partner institutions, then click **Next**.
- Enter your Harvard credentials when prompted.

Benefits of Using DMPTool (video)

Data Management

Enter Search Words | Search

Data Management Plans

- WHY MANAGE DATA?
- WHAT IS A DATA MANAGEMENT PLAN?
- WHAT DO I INCLUDE IN A DMP?
- SAMPLE DMPS
- HARVARD LIBRARY'S ROLE IN DATA MANAGEMENT

DMPTool

Guidelines and Policies

File Formats and Naming

Repositories/Storage

Why manage data?

- **Organize your research so it can be reproduced**. Managing your data makes it easier to understand the details and procedures relating to your data and data collection throughout the lifecycle of the project.

- **Preserve and share your data to get recognition.** The data you collect are the basis of your research. They are your unique contribution, and preserving them means that your work will be recognized by others. It also ensures that your work can support future research and facilitate new discoveries.

- **Satisfy funding requirements and Harvard research policies**. The number of granting bodies requiring that data be preserved and shared is growing. A good data management plan will help you meet the requirements of your funding agency and address preservation, documentation and verification issues. It helps reviewers understand the characteristics of your data.

What is a data management plan?

A **data management plan**, or **DMP** (sometimes also called a *data sharing plan*), is a formal document that outlines what you will do with your data during and after a research project. Most researchers collect data with some form of plan in mind, but it's often inadequately documented and incomplete. Many data management issues can be handled easily or avoided entirely by planning ahead. With the right process and framework it doesn't take too long and can pay off enormously in the long run.

Many funding agencies, especially government funding sources, require a DMP as part of their application processes. Even if you are not seeking funding for your research, documenting a plan for your data is a best practice and will help your data comply with Harvard's policies

Social Science and Visualization

Storytelling
with
Data

WORKSHOPS

STORYTELLING WITH DATA
AT BOSTON UNIVERSITY

JUNE 6-10
JUNE 13-17

Research Data Services + Sciences

At **Research Data Services,** researchers across disciplines benefit from expert consultation and training in acquiring, collecting, wrangling, analyzing, visualizing, sharing, and preserving research data. Our data professionals, in collaboration with our research librarians, work to advance data science, using data to answer scientific questions, making analysis reproducible, and promoting open data to enable long-term discovery and knowledge.

+

The **Social, Natural, & Engineering Science** team supports the research needs across scientific disciplines, from finding materials and managing information, to understanding the changing scholarly landscape and promoting information literacy. Information experts, together with our data team, work with students and faculty to enhance their scholarship and navigate resources across the University.

Data Sources

Research Data Management

Research Software

StatLab: Data Analytics

Social, Natural, Engineering Sciences

Workshops

People

LIBRARIES

MANAGING YOUR DATA

MANAGING YOUR DATA

- Home
- Our Services
- 1. Before Your Research
- 2. During Your Research
- 3. After Your Research Ends
- Training and Workshops
- About Us

Got data? We're here to help you manage, share, and preserve your research data. In addition to our Data Repository for the U of M curation services, the Libraries will help you navigate available campus resources throughout the data lifecycle:

🌱 Before Your Research Begins

- Schedule a data management plan (DMP) consultation (Request Form) or use our DMP templates
- Explore funding agency requirements for data and learn best practices for getting IRB approval for sharing data.
- See more tools for planning for data management

🌳 During Your Research

Need help?

Contact Us with your questions and we will consult with you or point you to the right person, resource, or service on campus.

Center for Open Science Workshop at UCLA

NYU DataServices
NYU LIBRARIES & IT

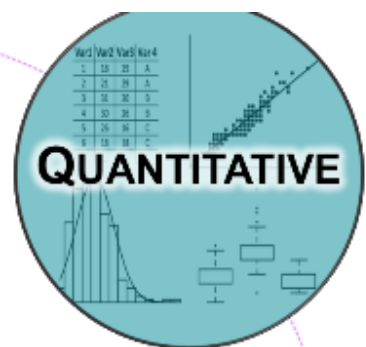Location

Staffed Hours (Summer 2016)

Contact Us

☒

Data Services on Twitter

Tweets by @nyudataservices

🔁 Data Services Retweeted 🐦

Michelle Thompson
@mich_GIS

Met this #esri rockstar, @josephkerski , in person at #EsriUC2016 #EsriUC. @nyudataservices: wish you were here!

GIS

QUANTITATIVE

QUALITATIVE

NYU DataServices
NYU LIBRARIES & IT

DATA MANAGEMENT

SURVEY

Staff Member	Position	Expertise
Stephen Balogh	Data Services Specialist	QGIS, ArcGIS, Ruby, JavaScript
Andrew Battista	Librarian for Geospatial Information Systems	Google Fusion Tables, Google Earth, ArcGIS
Sarah DeMott	Qualitative Data Analysis & Survey Design Specialist	ATLAS.ti, Qualtrics, NVivo
Denis Rubin	Senior Academic Technology Specialist (Quantitative Services)	MATLAB, SPSS, SAS, Getting Started with HPC, Qualtrics, Python
Victoria Steeves	Research Data Management and Reproducibility Librarian	Research Data Management Plans, Data Management and Funders
Matthew Sumner	NYU Abu Dhabi Data Services Librarian	
Michelle Thompson	Geographic Information Systems Specialist	ArcGIS, Google Earth, Google Fusion Tables

Data Services Specialist

GIS

Qualitative Data Analysis & Survey Design

Quantative Services

Research Data Management and Reproducibility Librarian

NYU Abu Dhabi Data Services Librarian

GIS

Is Research Reproducibility the New Data Management for Libraries?

NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS

1952 NUAA

Science >   General & Introductory Computer Science >   Bulletin of the Association for Information Science and Tech

RDAP Review

Is Research Reproducibility the New Data Management for Libraries?

FREE

Cynthia R.H. Vitale

Version of Record online: 24 FEB 2016

DOI: 10.1002/bul2.2016.1720420313

Issue

BULLETIN
asis&t

Bulletin of the Association for Information Science and Technology

Volume 42, Issue 3, pages 38–41, February/March 2016

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Research Data Roadshow

Call for Two Curriculum Designer/Presenters

for Research Data Management (RDM) Roadshow

ACRL is accepting applications from prospective curriculum designer/presenters to create professional development on Research Data Management. A new, day-long workshop will provide professional development support to librarians who wish to know more about data management. The target audience for this workshop is library administrators, subject liaison librarians, and other non-data specialists. Online content will be created to complement the roadshow and may include stand alone webinars.

The curriculum designers will plan and develop learning experiences for face to face and virtual learning intended to build librarians' capacity as leaders on issues/projects of campus-wide interest. Potential topics could include:

- the role of data information literacy vis-à-vis scholarly communication
- exploring the role of the liaison within the data management conversation
- how to assist with data management plans
- organization, documentation, storage, and security best practices
- discipline-specific data concerns
  - metadata standards
  - finding data
- administrative strategies
  - defining scope, setting vision
  - creating partnerships
  - resourcing data management
  - creating a program statement for the role or set of roles responsible for data management

As they develop the curriculum, a small number of ACRL member leaders, including presenters for other related workshops, will act as advisors. The curriculum designer/presenters will build on the experience of a preconference workshop offered at ACRL 2015 on research data management.

THE DIRECTOR

May 9, 2013

M-13-13

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Sylvia M. Burwell
          Director

          Steven VanRoekel
          Federal Chief Information Officer

          Todd Park
          U.S. Chief Technology Officer

          Dominic J. Mancini
          Acting Administrator, Office of Information and Regulatory Affairs

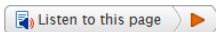SUBJECT: Open Data Policy—Managing Information as an Asset

Information is a valuable national resource and a strategic asset to the Federal Government, its partners, and the public. In order to ensure that the Federal Government is taking full advantage of its information resources, executive departments and agencies (hereafter referred to as "agencies") must manage information as an asset throughout its life cycle to promote openness and interoperability, and properly safeguard systems and information. Managing government information as an asset will increase operational efficiencies, reduce costs, improve services, support mission needs, safeguard personal information, and increase public access to valuable government information.

Open Government Data (2016)

JUMP TO | 0 COM

Research Article

Approaches to Data Sharing: An Analysis of NSF Data Management Plans from a Large Research University

Authors: Carolyn Bishoff ✉, Lisa Johnston

Abstract

INTRODUCTION Sharing digital research data is increasingly common, propelled by funding requirements, journal publishers, local campus policies, or community–driven expectations of more collaborative and interdisciplinary research environments. However, it is not well understood how researchers are addressing these expectations
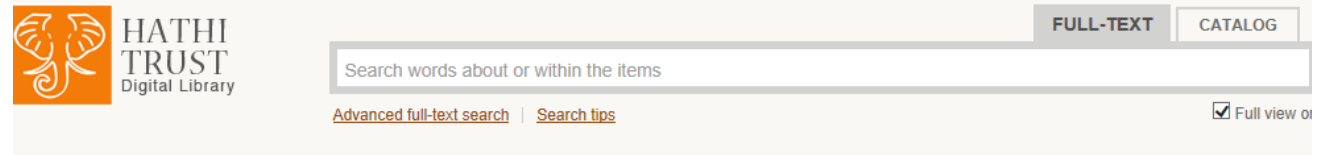
What's the future?

- Expand staffing with research data skills
- Partner with others: Research, IT, faculty
- Think of digital libraries as data

- Create easy-to-find integrated and coordinated services

FULL-TEXT | CATALOG

HATHI TRUST
Digital Library

Search words about or within the items

Advanced full-text search | Search tips

☑ Full view o

Our Partnership   Our Digital Library   Our Research Center   News and Publications   Help

About › One of the world's largest digital libraries opens doors to text mining scholars

One of the world's largest digital libraries opens doors to text mining scholars

HathiTrust Research Center now helps researchers analyze 14 million books

BLOOMINGTON, Ind./CHAMPAIGN, IL—Who influenced Charles Darwin when he was writing his pioneering theory of evolution, *On the Origin of Species*? Indiana University professor Colin Allen wants to know, and the HathiTrust Research Center may now hold the answer.