

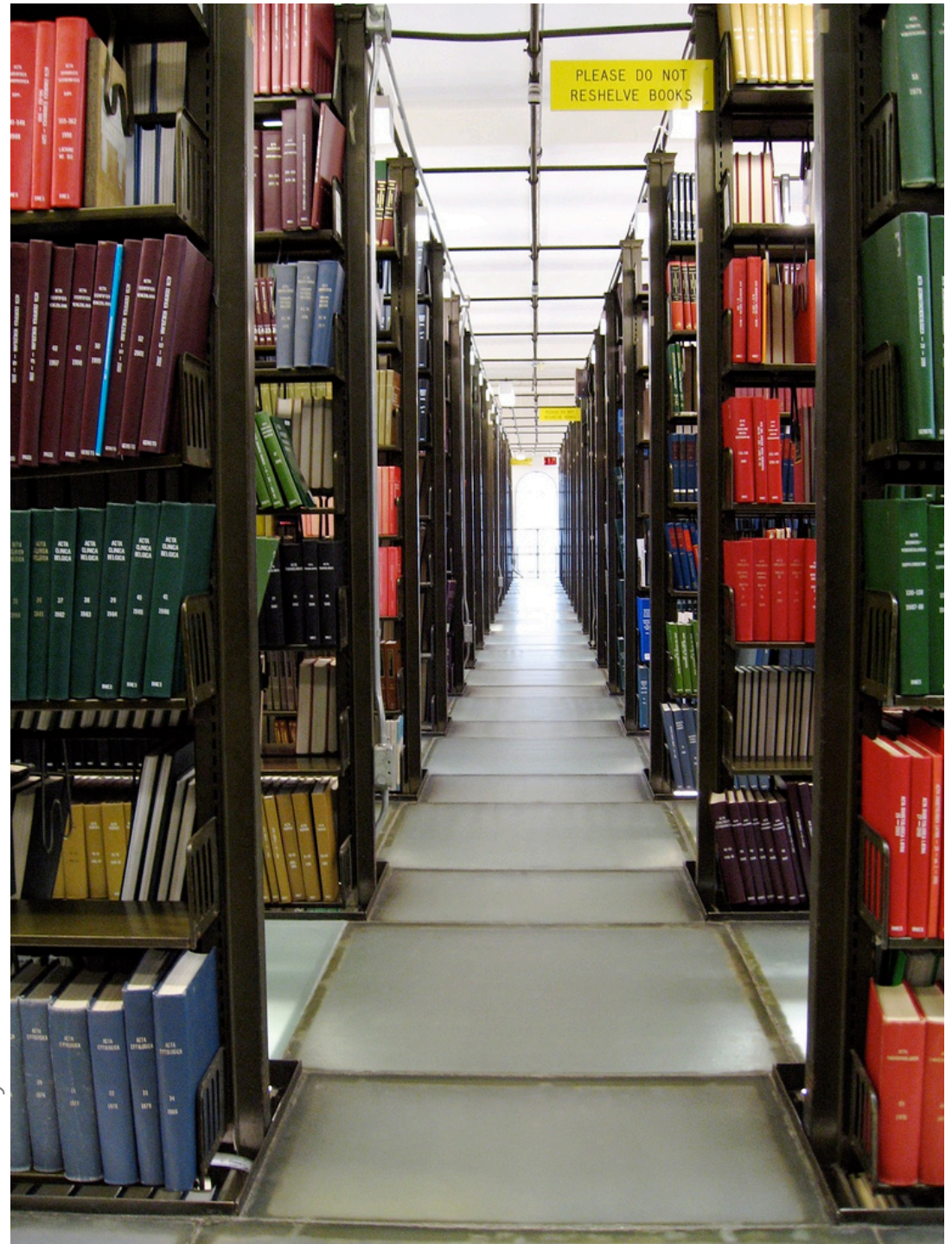
Data Management Solutions from Libraries

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California Digital Library
@carlystrasser



NSF LFW
25 April 2013

From Flickr by neilio



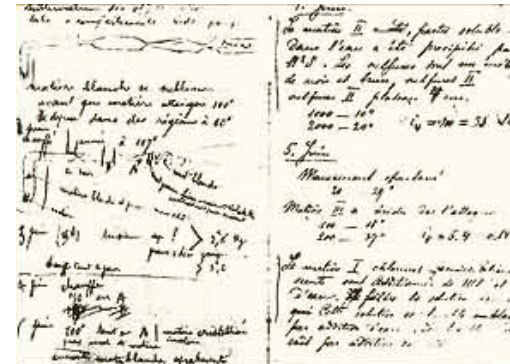


From Flickr by Velo Steve

Why is data
management
a hot topic?

Back in the day...

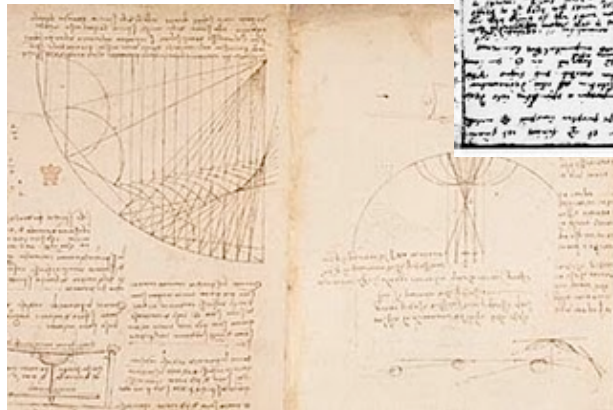
Curie



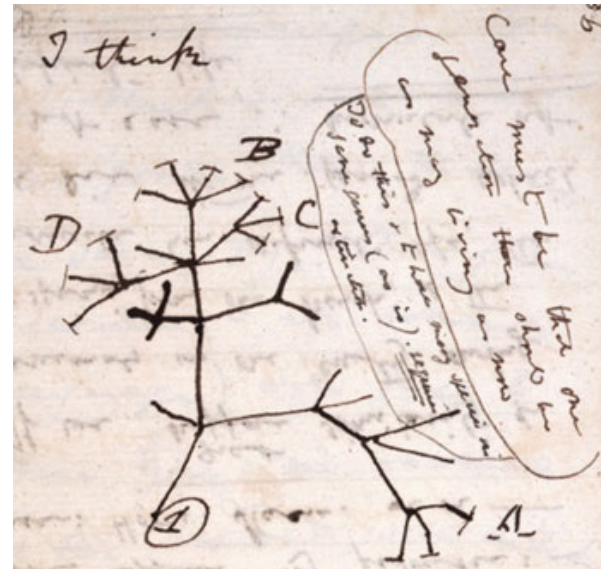
Newton



Da Vinci



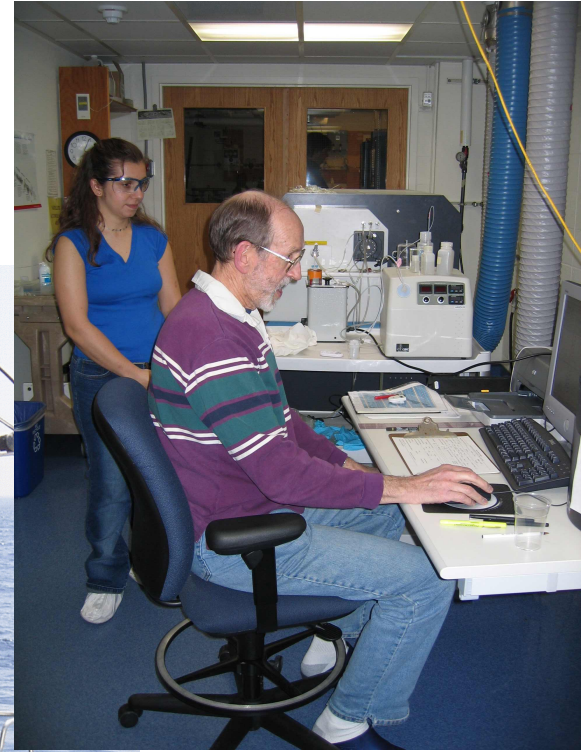
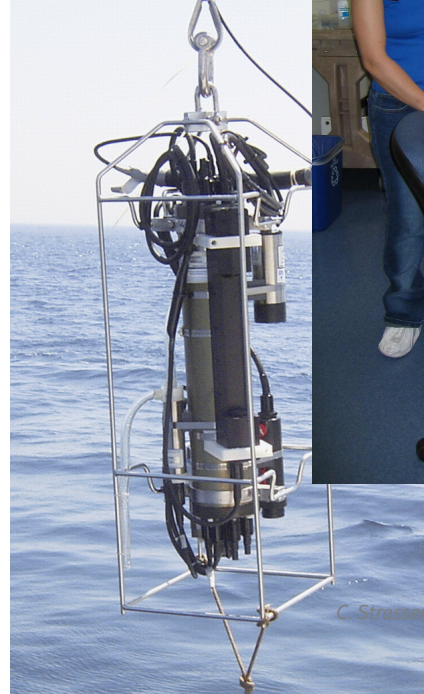
Darwin



Digital data



From Flickr by Flickrmor



Courtesy of WHOI



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Data management
Documentation
Reproducibility



From Flickr by --shorts and longs



From Flickr by ~shorts and longs

Publications & Their Citation

A photograph of a first-class airplane cabin. The main focus is a large, comfortable-looking seat with a blue and yellow color scheme. The seat is positioned next to a desk and a footrest. The cabin has large windows and a dark carpet. The text "Data are being recognized as first class products of research" is overlaid on the image in a large, bold, black font.

Data are being recognized
as **first class products** of
research

From Flickr by Richard Moross

From Flickr by torkidr

Data management plans



Data management plans

Data sharing mandates



Data management plans
Data sharing mandates
Data publications





Data management plans
Data sharing mandates
Data publications
Data citation



From Flickr by thewematt



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How can
libraries
help?



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 **UC3**
UC Curation Center



University of California
CDL
California Digital Library



 **UC3**
UC Curation Center

 **UC3EZID**

 **DMPTool**
Guidance and Resources for your Data Management Plan

 **DATAUP**

 **UC3Merritt**

 **Web Archiving Service**



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 **UC3EZID**

 **DATAUP**

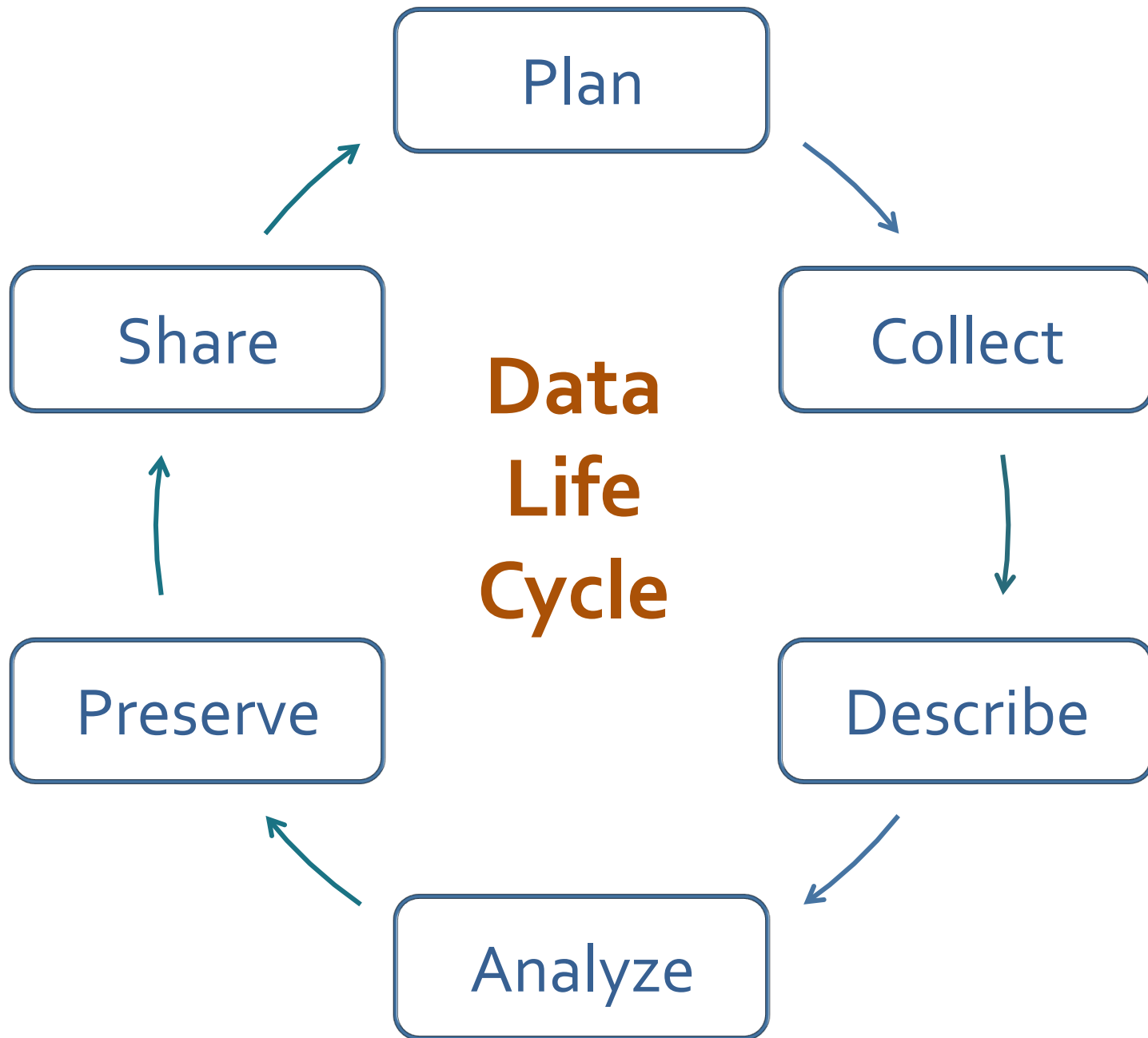
 **DMPTool**
 Guidance and Resources for your Data Management Plan

 **UC3Merritt**

 **eScholarship**
 University of California

 **Web Archiving Service**

Data Life Cycle



Plan > Collect > Describe > Analyze > Preserve > Share

Plan > Collect > Describe > Analyze > Preserve > Share



Step-by-step wizard, open to community
Create, edit, re-use, share, & save
data management plans

Plan > Collect > Describe > Analyze > Preserve > Share



Open source tool to
describe, manage, and
share tabular data

Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store,
manage, preserve, share



Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store,
manage, preserve, share



Open deposit, open access
repository for spreadsheet
data



Plan > Collect > Describe > Analyze > Preserve > Share

Repository to store,
manage, preserve, share



Open deposit, open access
repository for spreadsheet
data



Data Observation
Network for Earth



Plan > Collect > Describe > Analyze > **Preserve** > Share

 Web Archiving Service

Preserve and store websites

Plan > Collect > Describe > Analyze > Preserve > Share



Create and manage
persistent identifiers
ARKs, DOIs, etc.

Plan > Collect > Describe > Analyze > Preserve > Share



eScholarship
University of California

An infrastructure to publish and
get credit for sharing research
data



University of California

CDL

California Digital Library

www.cdlib.org | uc3@ucop.edu

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Email me

carlystrasser@gmail.com

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CDL Blog

datapub.cdlib.org