

CAN WE PROTECT THE RESEARCHER

CREATE OPEN SCIENCE
Sharing
Visualization
Reproducibility
Funders Mandates
Data Infrastructures
Curated Graphs dBase

SOPHISTICATED VISUALIZATIONS
NEED TO BE LINKED TO THE OBJECT

DATA MANAGEMENT SERVICES
Data Infrastructures
Structuring of Data at the source
Discovery Tools for Data
Curated Graphs dBase
Data Integration
Context of data

LAB NOTEBOOKS COULD BE PUSHED TO THE WEB

LINKING ARTICLES AND DATA
Reproducibility
Funders mandates
Linking infrastructure
Crossref
Datacite, RDA
WDS-CoData

ROBOT SCIENTISTS, STRUCTURING DATA AUTOMATICALLY AT THE SOURCE

Data as first class Research Object

TRUSTWORTHY DATA CENTERS
Longevity, Sustainability
Certification Standards
Integrated Workflows
Emerald Cloud Data
The Cloud
Funding, DOIs

GROWTH OF STUFF NOT LINKED TO ARTICLES
ERODES ECO-SYSTEM OF SCHOLARLY PUBLISHING

DARK SIDE OF THE CLOUD;
DATA PROTECTION ACT

CONCERNS
Openness of Data
Reproducibility concerns
Reanalysis bias
Outsourcing