

# Research Data as a New Model of Scholarly Writing in SSH

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in collaboration in the WP 6.5 with  
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# Plan

1. Introduction
2. Overview of the existing scholarship
3. Conditions, obstacles and fostering elements in the raise of research data in the new models of scholarly writing
4. Conclusion: towards innovative partnership



## 1. Introduction

Research hypothesis: *the production and publication of research data is deeply transforming the production of knowledge in Social Sciences and Humanities*


From the Life Sciences lab notebooks to humanities research data in digital projects



EPFL NEWS

» News

## The Challenges of the (Electronic?) Lab Notebook



2014

<https://actu.epfl.ch/news/the-challenges-of-the-electronic-lab-notebook/>

EPFL

» Schools » School of Basic Sciences » Research » Institute of Physics » Services » Computer Service » Services » Specific services » Lab notebooks

## Lab notebooks

There are currently several solutions for electronic lab notebooks (ELN) at EPFL.

The **SLIMS solution** combines the functions of ELN and LIMS (laboratory information management system). For any other information, please contact us.



<https://www.epfl.ch/schools/sb/research/iphys/our-services/computer/services/specific/lab-notebooks/>

Rechercher  ok

Le CNRS | Annuaires | Mots-Clefs CNRS | Autres sites

Accueil CNRS

Appels d'offres

Conférences - colloques

Bourses - post-docs

Prix scientifiques

Ethique et réglementation

Formation

ATIP

Programmes interdisciplinaires

Accueil > Le cahier de laboratoire

### Le cahier de laboratoire

Le cahier de laboratoire national - Un outil de traçabilité au service de la recherche

Elaboré par le ministère délégué à l'enseignement supérieur et à la recherche, en collaboration avec l'INPI et en concertation avec les organismes de recherche publics, le cahier de laboratoire permet à tous ceux qui réalisent des travaux de recherche (chercheurs, ingénieurs, techniciens, thésards, stagiaires...) de consigner au jour le jour le détail de leurs travaux. Outil de transmission du savoir, il s'avère également très utile pour la rédaction d'un brevet ou pour prouver une antériorité. Simple d'utilisation, à condition d'être rigoureux, il devient vite indispensable.

[Voir le Cahier de laboratoire national](#)

<http://www.cnrs.fr/infoslabos/cahier-laboratoire/>

**sciencematters**

Stories can wait. Science can't.

<https://www.sciencematters.io/>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871069

# From paper book to datasets

A printed book was transmitting knowledge to a specific Humanities field



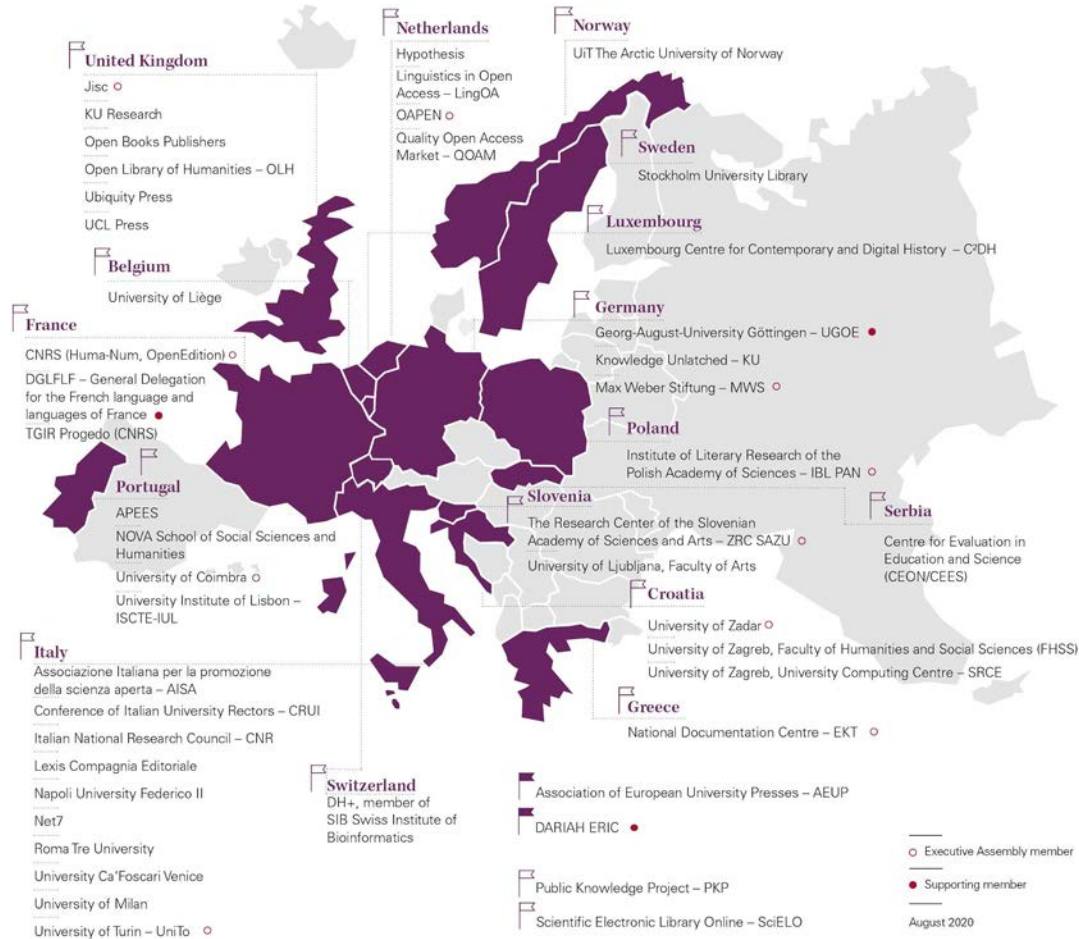
Humanities produced as dataset allows interoperability between fields

>>> new model of scholarly writing



## OPERAS Members

OPERAS gathers 56 organizations from 17 countries and is led by a 10 members Executive Assembly. OPERAS is coordinated from France by OpenEdition and Huma-Num.



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# OPERAS-P WP 6.5 Partners

IBL PAN (Poland), task leader

DARIAH-EU with SIB (CH) as partner

University of Luxemburg

Max Weber Stiftung (Germany)

University of Zadar (Croatia)



## 2. Overview of existing scholarship



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# Scholarly Writing



- Publish or Perish
- Flaws in peer review
- An “insupportable economic model” (Fitzpatrick 2011)
- + Demand for Open Access
- + Research data and multimodal content





*Learned Publishing*, 24:207–220  
doi:10.1087/20110309

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*Ceci n'est pas un  
hamburger:  
modelling and  
representing the  
scholarly article*

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### Introduction

In 1928, Belgian surrealist René Magritte created a painting of a classic tobacco pipe. Under the pipe, in cursive script, is written, 'Ceci n'est pas une pipe' (Figure 1, see p. 209). In this simple picture, which he called *The Treachery of Images*, he attempted to capture the paradox inherent in the distinction between an object and its representation: this was not a pipe, but rather, a depiction of a pipe. Perhaps unexpectedly, the issue of distinguishing between objects and their representations lies at the heart of some of the major issues that challenge scholarly publishing today, with far-reaching consequences for publishing innovations of the future.

In this article, we discuss some of the most

S. PETTIFER<sup>a</sup>, P. McDERMOTT<sup>a</sup>,  
J. MARSH<sup>a</sup>, D. THORNE<sup>a</sup>,  
A. VILLEGER<sup>a</sup> and T.K. ATTWOOD<sup>a,b</sup>



## ELSEVIER

# nature

**Pettifer et al. 2011.**

*Learned Publishing* 24.3,

pp. 207-220.

DOI: 10.1087/20110309



DE GRUYTER



CODE OCEAN



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# Journal of Open Humanities Data

**][ ubiquity press  
open scholarship**

<https://openhumanitiesdata.metajnl.com>



## Research Data Journal for the Humanities and Social Sciences

*Contributing to transparency of research, accelerating dissemination and fostering reuse of scholarly data.*

Research Data Journal for the Humanities and Social Sciences is soliciting new submissions, in particular related to the following domains:

[See More](#)

Publisher: Brill

Online

ISSN: 2452-3666



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<https://brill.com/view/journals/rdj/rdj-overview.xml>



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Conditions, obstacles, and fostering elements

## 3. Research data in scholarly writing



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## Research Challenges

- Getting academic credit
- Career advancement / research assessment
- Data sharing
- Funding and Costs
- Copyright and privacy concerns
- Data reuse and collaboration
- ...

## Data Storing and Curation

- Infrastructures for long term preservation
- Linking data and arguments
- Citation practices
- Indexing standards for libraries
- New modes of peer review
- ...



# Academic Credit

- Nb of publications
- Citation count
- High impact journals
- **Monographs (SSH)**



# Data Sharing vs Hoarding



## A Dragon


Ms. Ludwig XV 3 (83.MR.173)

fol. 89r

Author: unknown

Provenance: Thérouanne?, France  
(formerly Flanders)

About 1270

Digital image courtesy of the Getty's  
Open Content Program 



# Research Assessment



**DORA**



## San Francisco Declaration on Research Assessment



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## Infrastructures



Data & Service  
Center for  
the Humanities  
DaSCH



YARETA



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## Research Challenges

- Getting academic credit
- Career advancement
- Data ‘hugging’
- Funding and Costs
- Copyright and privacy concerns
- Data reuse and collaboration
- ...

## Data Storing and Curation

- Infrastructures for long term preservation
- Linking data and arguments
- Citation practices
- Indexing standards for libraries
- **New modes of peer review**
- ...



# 4. Conclusion: towards innovative partnership

## How to involve research data in an academic process of certification?

**Add new dataset**

Title of dataset \*

Author (first name last name) \* Last name: First name:

Persistent Identifier (PID) \*

Publication date

Are the data freely accessible? Yes

Licence - Please select -

Repository (name) \*

Repository link (Please specify the link leading directly to the dataset on the data repository.) \*

Description/abstract

Associated scientific publication \* - Please select -  
None  
New Testament and Digital Librarianship

SNSF : a DMP is  
requested since  
2017

A decisive support  
for Open Science



# Open public repositories and publication: a challenge to come in SSH



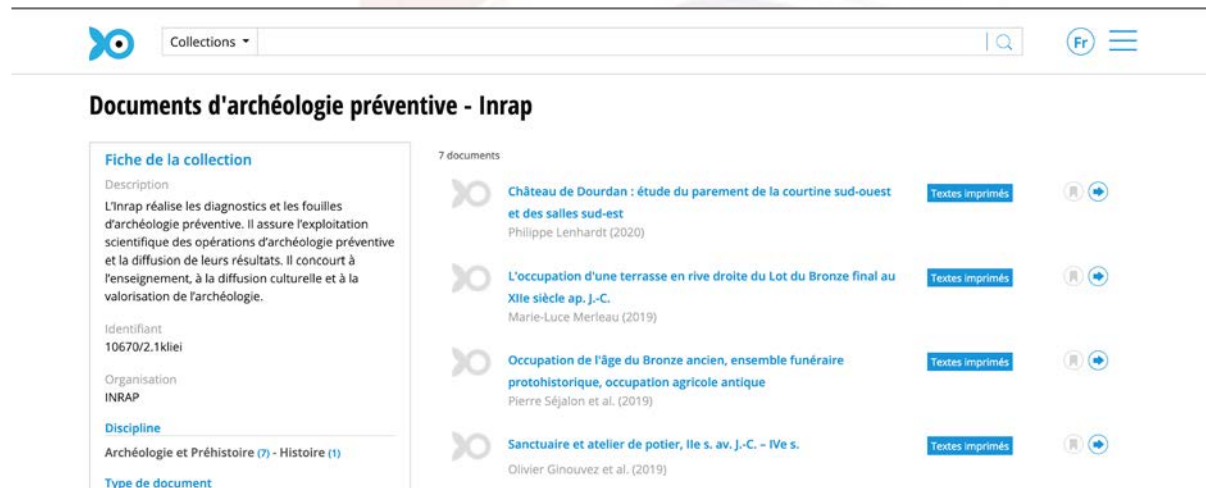
Huma-Num Nakala

## Transcript Interview 6 SIBDARIAH at Nakala

<https://www.nakala.fr/data/11280/a7f68f73>

rdftype	foaf:Document
dcterms:title	Transcript Interview 6 SIBDARIAH
dcterms:identifier	11280/a7f68f73
dcterms:contributor	<ul style="list-style-type: none"> <li>Claire Clivaz</li> <li>Group WP6.5 under the lead of IBL PAN</li> <li>In partnership with DARIAH</li> </ul>
dcterms:created	29/09/2020
dcterms:creator	Elisa Nury
dcterms:license	<ul style="list-style-type: none"> <li><a href="https://creativecommons.org/licenses/by/4.0">https://creativecommons.org/licenses/by/4.0</a></li> <li><a href="https://www.nakala.fr/resource/11280/a7f68f73">https://www.nakala.fr/resource/11280/a7f68f73</a></li> </ul>
Is foaf:primaryTopic of	
dcterms:provenance	DH+, SIB (Lausanne, CH)
dcterms:subject	<ul style="list-style-type: none"> <li>Evaluation</li> <li>H2020 OPERAS-P</li> <li>Innovation</li> <li>Models</li> <li>OPERAS</li> <li>Scholarly writing</li> <li>WP 6.5</li> <li>WP 6.6</li> </ul>
dcterms:type	Données d'enquêtes

As Turtle | As RDF/XML



The screenshot shows the OPERAS-P website interface. At the top, there is a navigation bar with a search icon, a language selector set to 'Fr', and a menu icon. The main heading is 'Documents d'archéologie préventive - Inrap'. Below this, there is a 'Fiche de la collection' (Collection card) for 'Inrap' with a description in French, an identifier '10670/2.1kliei', and the organization 'INRAP'. To the right, a list of 7 documents is displayed, each with a thumbnail icon, a title, a 'Textes imprimés' button, and a circular icon with a right-pointing arrow. The documents listed are:
 

- Château de Dourdan : étude du parement de la courtine sud-ouest et des salles sud-est (Philippe Lenhardt (2020))
- L'occupation d'une terrasse en rive droite du Lot du Bronze final au XI<sup>e</sup> siècle ap. J.-C. (Marie-Luce Merleau (2019))
- Occupation de l'âge du Bronze ancien, ensemble funéraire protohistorique, occupation agricole antique (Pierre Séjalon et al. (2019))
- Sanctuaire et atelier de potier, Ile s. av. J.-C. - I<sup>ve</sup> s. (Olivier Ginouvez et al. (2019))



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# THANK YOU!

We thank warmly all our partners, and in particular Vera Chiquet, DaSCH (Basel), who has led three interviews for OPERAS-P in the German part of Switzerland in June and July

