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## From shadow to light: make data visible: DDI, a collaborative ground for the Library and the Center for Socio-Political Data (CDSPP) of Sciences Po

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## From shadow to light: make data visible.

DDI, a collaborative ground for the Library and the Center for Socio-Political Data (CDSP) of Sciences Po

EDDI18 – 10th Annual European DDI User Conference, December 4, 2018, Berlin

Geneviève Michaud  
Cynthia Pedroja

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# Presentation outline

DDI, a collaborative ground for the Library and the Center for Socio-Political Data (CDSP) of Sciences Po

CDSP and DDI

the Library, data and DDI

sharing a single instance of dataverse

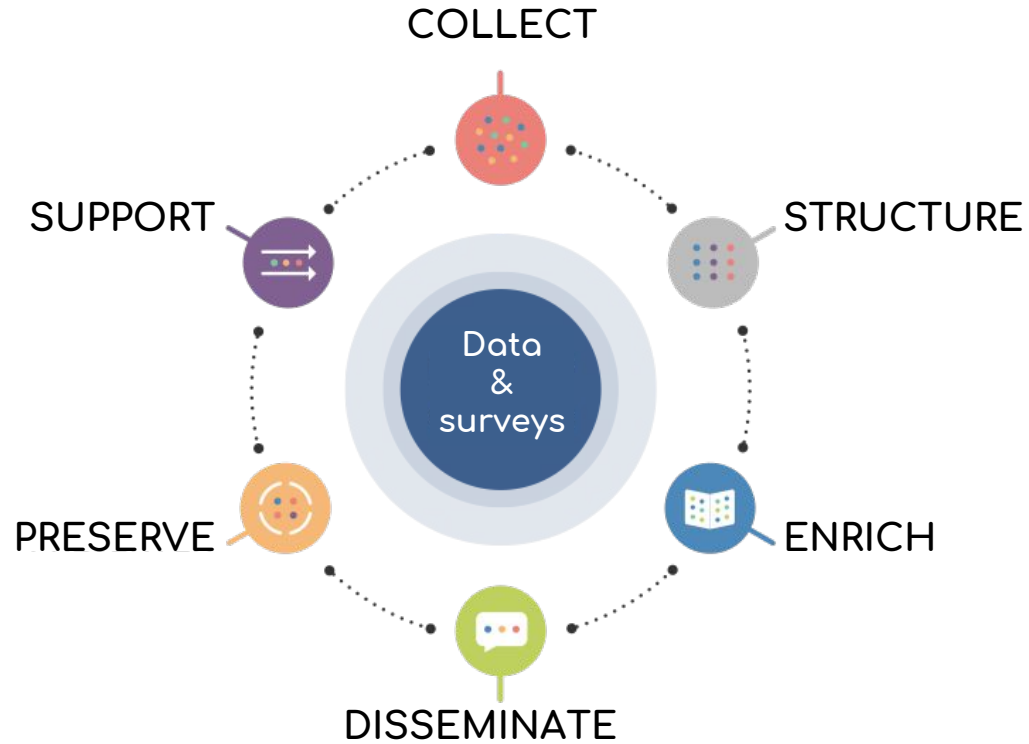
inter-linking data and citations

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# 1. CDSP and DDI

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# CDSP & data



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# CDSP : software dedicated to DDI

- **In house development:** Data discovery software

[Progedo Quetelet Question Bank \(2011\)](#)

[beQuali : a Qualitative data repository and online discovery tool \(+TEI\)](#)

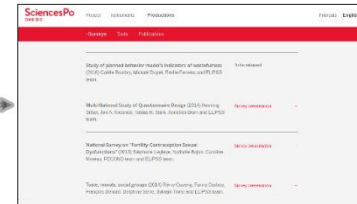
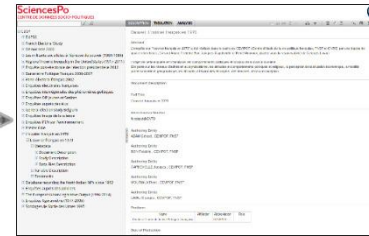
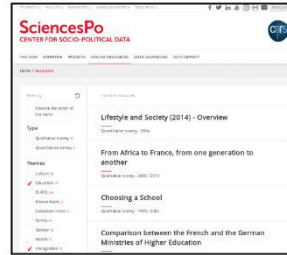
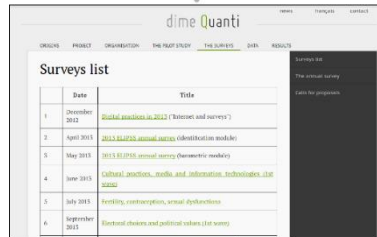
[CDSP website resources hub](#)

- **Management:** Data repositories

[Nesstar](#) (since 2006)

[Dataverse](#) (since 2016) + pull request (DDI Import)

# CDSP : publication workflow



a scattered landscape of diffusion platforms

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# **CDSP : the choice of Dataverse as a SSOT**

Tuesday , Concurrent C1 [Infrastructure]

[Dataverse as a Single Source of Truth in a DDI-Compliant Environment \(Geneviève MICHAUD, Romain MOUGIN, Baptiste ROUXEL\)](#)



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## **2. Library and DDI**

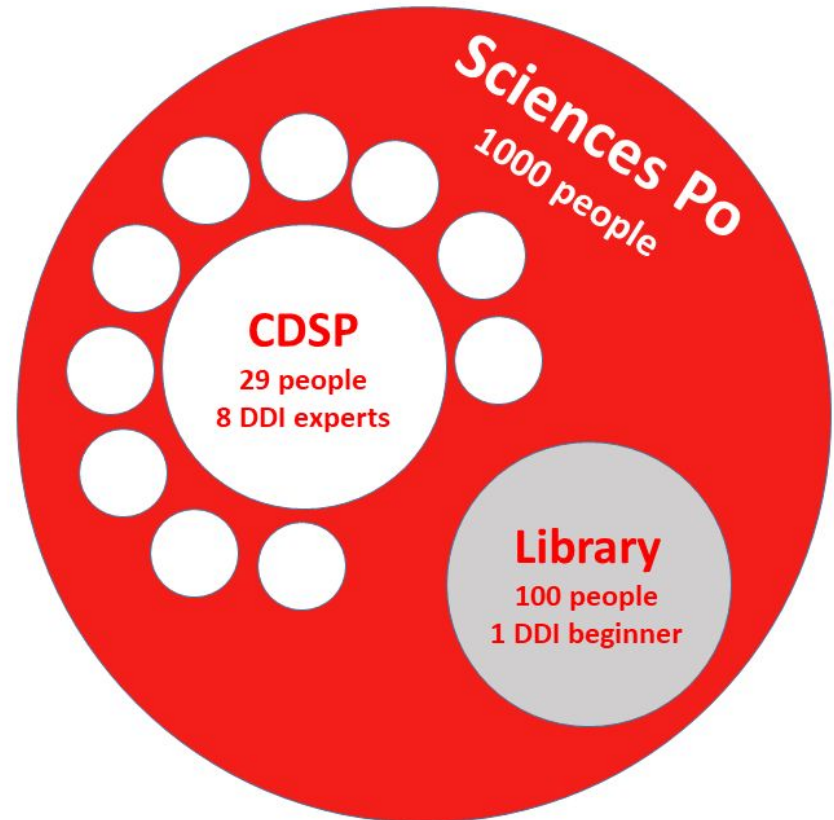
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# Library: a new mission for research data

- Sciences Po, Social Sciences University
  - 230 researchers and 350 PHD
  - Social Sciences university
  - 11 research units

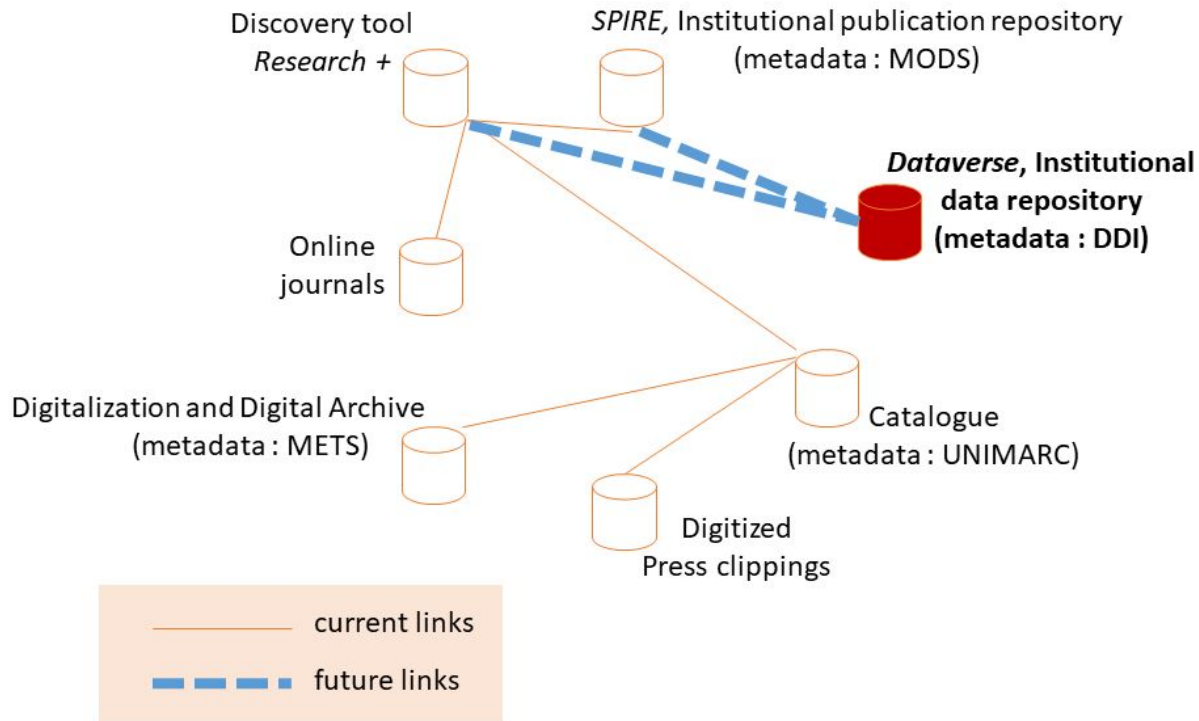


*National plan for open science*



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# Library: platforms, data & metadata



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## **3. towards a single dataverse repository**

# Library : an institutional data repository, please !

## SciencesPo DataSPIRE, entrepôt des données de la recherche

DataSPIRE

Search this dataverse... Find [Advanced Search](#)

 **Dataverses (1)**  
  **Datasets (2)**  
  **Files (5)**

**Dataverse Category**  
Organization or Institution (1)

**Publication Date**  
2017 (2)  
2018 (1)


**Author Name**  
[Mechri, Zohra \(2\)](#)  
[Antolinos-Basso, Diego \(1\)](#)  
[Bajon, Laurent \(1\)](#)  
[Baneyx, Audrey \(1\)](#)  
[Beldiman-Moore, Anita \(1\)](#)

[More...](#)

**Subject**  
[Social Sciences \(2\)](#)  
[Law \(1\)](#)

**1 to 3 of 3 Results** Sort ▾

**L'Amérique latine en libre accès**   
Apr 18, 2018

 [Mechri, Zohra; Lema, Lucia; Combes, Héliène; Dabène, Olivier; Estrada, Gaspard, 2018, "L'Amérique latine en libre accès", doi:10.21410/dshs\\_2016/0UL7JA, Catalogues, V1, UNF:6.MnDUt5PJZAEf3mXcMYDwKw==](#)

Sélection de ressources en Open Access sur l'Amérique latine et les Caraïbes : sites (académiques, institutionnels, d'organisations internationales ou régionales, d'ONG, de médias alternatifs) travaillant dans le domaine des sciences sociales en Amérique latine et Caraïbes (ou su...

**Élection présidentielle française 2017 - Corpus web**   
Nov 28, 2017

 [Pedroja, Cynthia; Antolinos-Basso, Diego; Bajon, Laurent; Baneyx, Audrey; Beldiman-Moore, Anita; Gauthier-Voituriez, Odile; Mechri, Zohra; Maizi, Meryam; Ooghe-Tabanou, Benjamin; Tazi, Myriam; Vedel, Thierry, 2017, "Élection présidentielle française 2017 - Corpus web", doi:10.21410/dshs\\_2016/FSUAAZ, Catalogues, V2, UNF:6.B7xeH4mEijLWXAxelKC/Pg==](#)

Réseau des sites web de la campagne de l'élection présidentielle française de 2017 : partis et organisations politiques, candidats ou encore société civile, à travers les associations ou tout simplement des individus.

**Bibliothèque**   
Nov 28, 2017

 [Entrepôt de la Bibliothèque \(Direction des ressources et de l'information scientifique - DRIS\) de Sciences Po](#)

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# Sharing a single instance of a dataverse repository

Sharing responsibilities :

- Library
  - Control of ethics issues and terms of use specification
  - Cataloguing and metadata quality
  - Users management and training
- CDSP
  - Platform management
  - DDI skills

# major focus of attention

1. DDI and DMP,  
DDI and datapapers



DDI	Question (en)
/ stdyDscr/citation/titStmnt/altTitl	Project Acronym
/ stdyDscr/citation/titStmnt/titl	Project title
Grant Agency stdyDscr/citation/fundAg stdyDscr/citation/fundAg@role	Funding
Grant Number stdyDscr/citation/prodStmnt/grantNo stdyDscr/citation/prodStmnt/grantNo@agency stdyDscr/citation/prodStmnt/grantNo@role	Grant agreement number

3. Link between Dataverse and Institutional Publications repository (SPIRE)

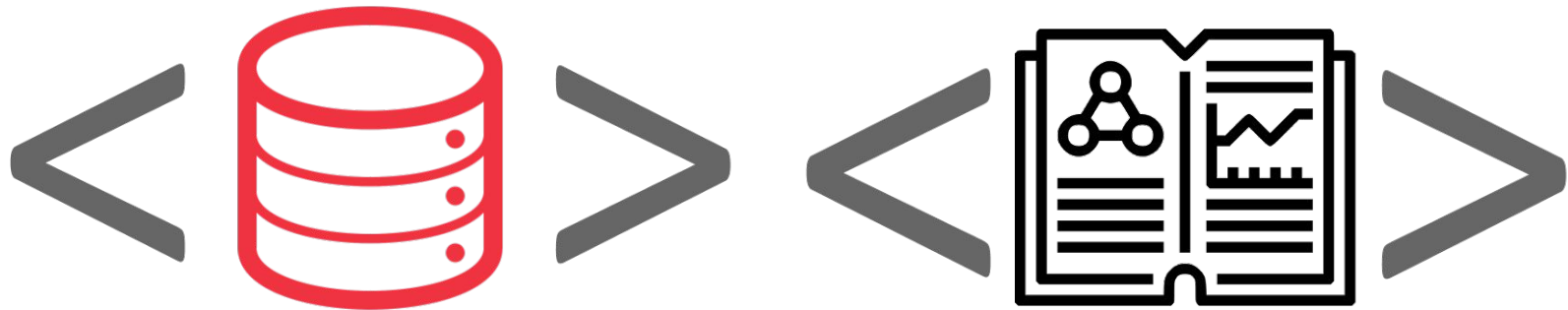
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## **4. inter-linking data and citations**



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# how to link data and publications ?



# how to link data and publications ?

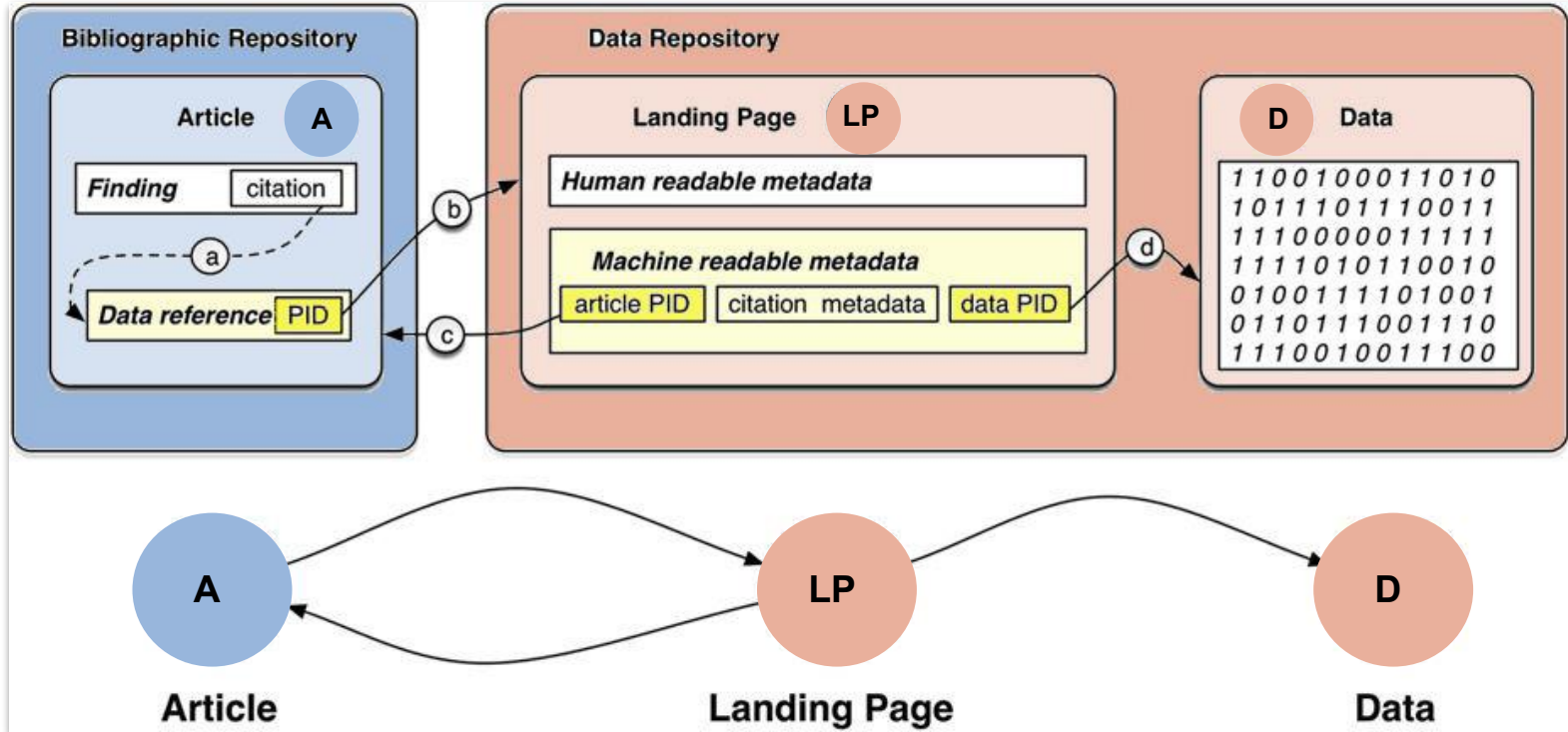


Figure from : Helena Cousijn, Amye Kenall, Emma Ganley, Melissa Harrison, David Kernohan, Thomas Lemberger, Fiona Murphy, Patrick Polischuk, Simone Taylor, Maryann Martone & Tim Clark, 2018, "A data citation roadmap for scientific publishers", [www.Nnature.com](https://doi.org/10.1038/sdata.2018.259), <https://doi.org/10.1038/sdata.2018.259>

# how to link data and publications ? in dataverse

Enquête électorale 2012 [2012] Version 1.1

ROZENBERG, Olivier, 2016, "Enquête électorale 2012 [2012]", doi:10.21410/dshs\_2016/MCWZVN, Catalogues, V1

**Description** Interrogation d'un panel électoral de long terme de 6 à 8 personnes. Entretien individuel par téléphone avec les mêmes personnes que lors des autres enquêtes et selon le même dispositif. Interrogation 5 à 6 fois autour des élections.

**Subject** Social Sciences

**Keyword** élection présidentielle

**Related Publication** Il n'y a aucune publication pour le moment.

Files Metadata Terms Versions

Citation Metadata  
Geospatial Metadata  
Social Science and Humanities Metadata

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dataverse landing page  
for a dataset

**Related Publication**

**Vocabulary URL**  
Enter full URL, starting with http://

**Citation**  
Dehousse, R., Bendjaballah, S., Michaud, G., Rozenberg, O., Deloche-Gaudez, F., Ciavarini Azzi, G., Costa, O. & Lalande, R. (2017). L'Observatory of European Institutions: Une base de données sur le processus décisionnel dans l'Union européenne (1996-2014). *Politique européenne*, 58,(4), 14-42. doi:10.3917/poeu.058.0014.

**ID Type** doi **ID Number** 10.3917/poeu.058.0014

**URL** https://doi.org/10.3917/poeu.058.0014

human readable metadata

machine readable metadata

# how to link data and publications ? a step further

Scholix (RDA WG) model high level interoperability framework .

2 more requirements :

1. to **type** relations
2. to **sync** resources

Scholixporer (a prototype)

The screenshot displays the Scholixporer interface, which links datasets to publications. At the top, the Scholixporer logo is visible, along with navigation links for 'ABOUT', 'SCHOLIX API', and 'STATISTICS'. The main content area is divided into two sections. The upper section, highlighted with a green border, shows a dataset record for 'Dive depth profile and at surface behaviour data of emperor penguins from Pointe Géologie, Adélie Land, Antarctica, from expedition DDU 2005, supplement to: Zimmer, Ilka; Wilson, Rory P; Beaulieu, Michaël; Ropert-Coudert, Yan; Kato, Akiko; Ancel, André; Plötz, Joachim (2010): Dive efficiency versus depth in foraging emperor penguins. Aquatic Biology, 8, 269-277'. This record includes a 'dataset' tag, the year '2005', a DOI, and a list of sources (Pangaea, Thomson Reuters, Datasets in Datacite). The publisher is identified as 'PANGAEA - Data Publisher for Earth & Environmental Science'. Below the dataset record, a list of 30 dataset IDs is provided. The lower section, also highlighted with a green border, shows a publication record for 'Dive efficiency versus depth in foraging emperor penguins' by Zimmer, Ilka, Ropert-Coudert, Y., Plötz, J., Wilson, Kato, A., Beaulieu, M., with a DOI of 10.3354/ab00213 and a source of Thomson Reuters. At the bottom, there are three buttons: 'LINK TO DATASETS (30)', 'LINK TO PUBLICATIONS (1)', and 'OTHER LINKS (0)'. Social media icons for @, Twitter, Facebook, Google+, and LinkedIn are also present.

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# Conclusion



# Thank you

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[Cynthia.Pedroja@sciencespo.fr](mailto:Cynthia.Pedroja@sciencespo.fr) ([Library, Sciences Po](#))