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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 (CDSO) 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

Presentation outline

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

CDSP and DDI

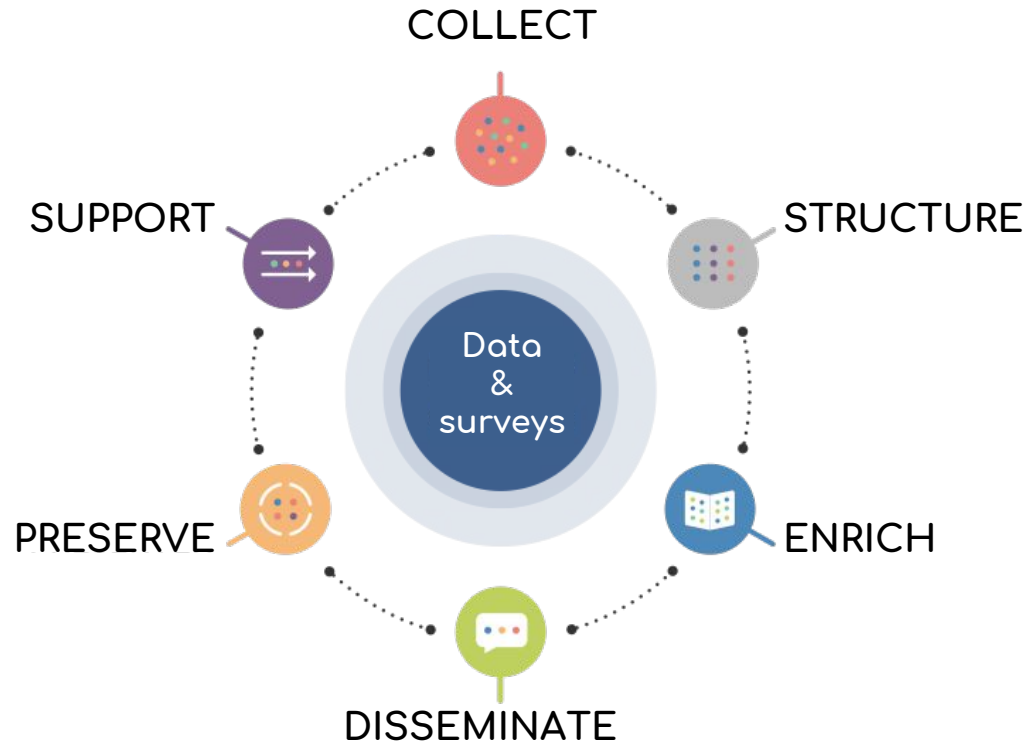
the Library, data and DDI

sharing a single instance of dataverse

inter-linking data and citations

1. CDSP and DDI

CDSP & data



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)

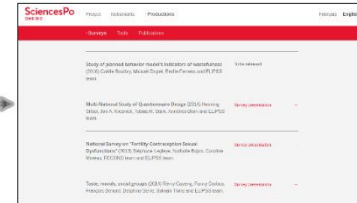
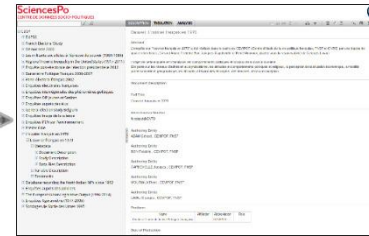
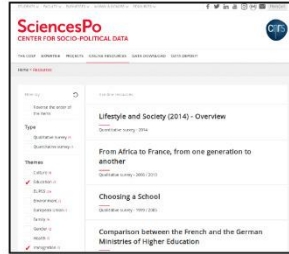
[Dataverse](#) (since 2016) + pull request (DDI Import)

CDSP : publication workflow



Table of surveys from the 'dime Quanti' website:

Date	Title
December 2012	Student practices in 2012 ("interest and access")
April 2013	2012-2013 annual survey (education module)
May 2013	2012-2013 annual survey (mathematical module)
June 2013	Cultural practices, media and information technologies (in 2012)
July 2013	Fertility, contraception, sexual dysfunction
September 2013	Political opinions and political values (in 2012)



a scattered landscape of diffusion platforms

CDSP : the choice of Dataverse as a SSOT

Tuesday , Concurrent C1 [Infrastructure]

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

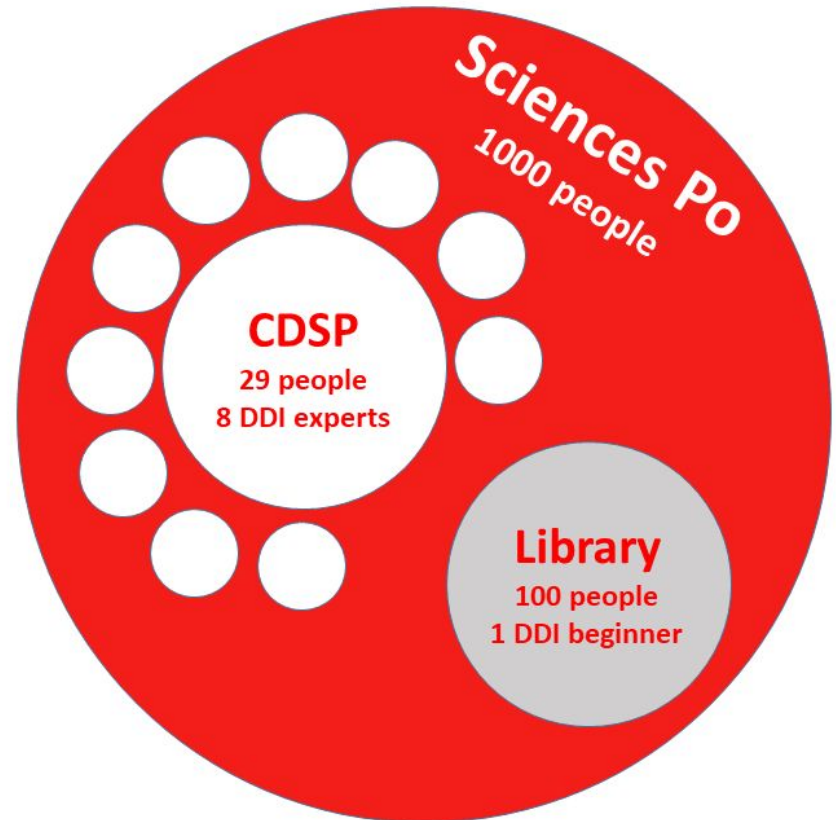
2. Library and DDI

Library: a new mission for research data

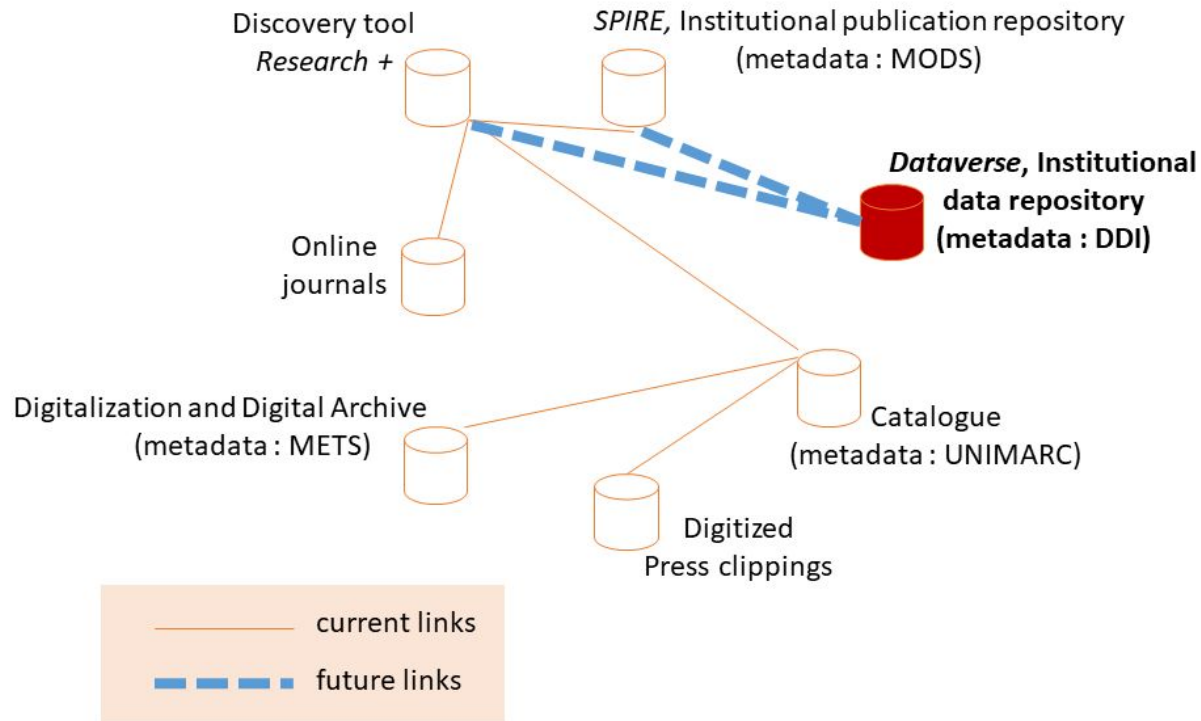
- Sciences Po, Social Sciences University
 - 230 researchers and 350 PHD
 - Social Sciences university
 - 11 research units



National plan for open science



Library: platforms, data & metadata



3. towards a single dataverse repository

Library : an institutional data repository, please !

SciencesPo DataSPIRE, entrepôt des données de la recherche

DataSPIRE

Search this dataverse... [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

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](#)

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

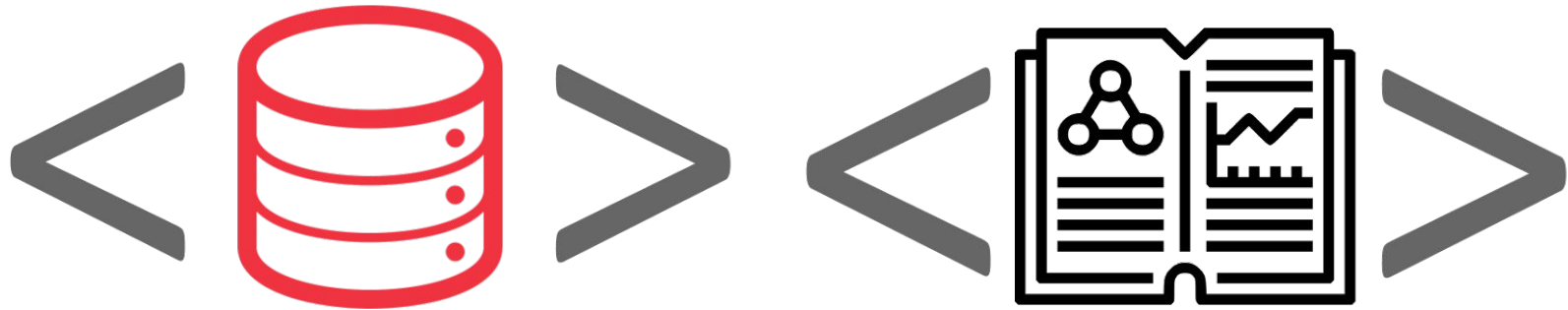


DDI	Question (en)
/ stdyDscr/citation/titStmt/altTitl	Project Acronym
/ stdyDscr/citation/titStmt/titl	Project title
Grant Agency stdyDscr/citation/fundAg stdyDscr/citation/fundAg@role	Funding
Grant Number stdyDscr/citation/prodStmt/grantNo stdyDscr/citation/prodStmt/grantNo@agency stdyDscr/citation/prodStmt/grantNo@role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

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

4. inter-linking data and citations

how to link data and publications ?



how to link data and publications ?

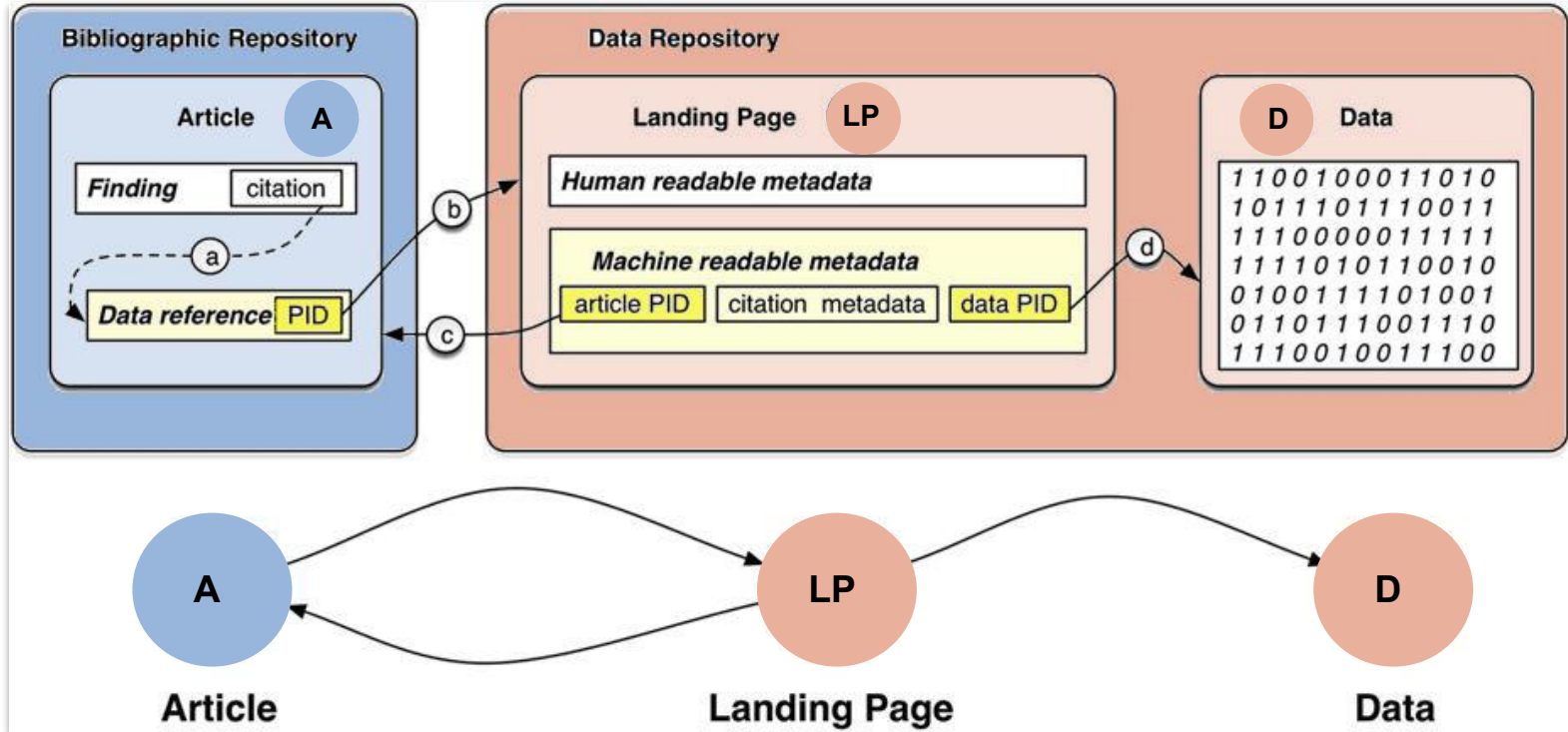


Figure from : Helena Cousijn, Amye Kenall, Emma Ganley, Melissa Harrison, David Kernohan, Thomas Lemberger, Fiona Murphy, Patrick Polischuk, Simone Taylor, Maryann Martone & Tim Clark, 2018, "A data citation roadmap for scientific publishers", www.Nnature.com, <https://doi.org/10.1038/sdata.2018.259>

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 Cite Dataset

[Learn about Data Citation Standards.](#)

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 **LP**

Geospatial Metadata

Social Science and Humanities Metadata

Copyright © 2018

dataverse landing page
for a dataset

Related Publication **LP**

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. **human readable metadata**

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

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

Scholixplorer (a prototype)

The screenshot displays the Scholixplorer interface. At the top, the logo 'Scholixplorer' 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, is a 'dataset' from 2005. It features a title: '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'. Below the title is the citation: 'Plötz, Joachim, Bornemann, Horst, Wilson, Rory P., Ancel, André, Zimmer, Ilka, Beaulieu, Michaël 2005-10-31T02:00:00/2006-01-19T23:00:00'. The abstract follows, starting with 'Adult male and female emperor penguins (Aptenodytes forsteri) were fitted with satellite transmitters at Pointe-Géologie (Adélie Land), Dumont d'Urville Sea coast, in November 2005. Nine of 30 data sets were selected for analyses to investigate the penguins' diving behaviour at high resolution (doi:10.1594/PANGAEA.633708, doi:10.1594/PANGAEA.633709, doi:10.1594/PANGAEA.633710, doi:10.1594/PANGAEA.633711). The profiles are in synchrony with foraging trips of the birds during austral spring (doi:10.1594/PANGAEA.472171, doi:10.1594/PANGAEA.472173, doi:10.1594/PANGAEA.472164, doi:10.1594/PANGAEA.472160, doi:10.1594/PANGAEA.472161). Corresponding high resolution winter data (n = 5; archived elsewhere) were provided by A. Ancel, Centre d'Ecologie et Physiologie Energétiques, CNRS, Strasbourg, France. Air-breathing divers tend to increase their overall dive duration with increasing dive depth. In most penguin species, this occurs due to increasing transit (descent and ascent) durations but also because the duration of the bottom phase of the dive increases with increasing depth. We interpreted the efficiency with which emperor penguins can exploit different diving depths by analysing dive depth profile data of nine birds studied during the early and late chick-rearing period in Adélie Land, Antarctica. Another eight datasets of dive depth and duration frequency recordings (doi:10.1594/PANGAEA.472150, doi:10.1594/PANGAEA.472152, doi:10.1594/PANGAEA.472154, doi:10.1594/PANGAEA.472155, doi:10.1594/PANGAEA.472142, doi:10.1594/PANGAEA.472144, doi:10.1594/PANGAEA.472146, doi:10.1594/PANGAEA.472147), which backup the analysed high resolution depth profile data, and dive depth and duration frequency recordings of another bird (doi:10.1594/PANGAEA.472156, doi:10.1594/PANGAEA.472148) did not match the requirement of high resolution for analyses. Eleven additional data sets provide information on the overall foraging distribution of emperor penguins during the period analysed (doi:10.1594/PANGAEA.472157, doi:10.1594/PANGAEA.472158, doi:10.1594/PANGAEA.472162, doi:10.1594/PANGAEA.472163, doi:10.1594/PANGAEA.472166, doi:10.1594/PANGAEA.472167, doi:10.1594/PANGAEA.472168, doi:10.1594/PANGAEA.472170, doi:10.1594/PANGAEA.472172, doi:10.1594/PANGAEA.472174, doi:10.1594/PANGAEA.472175)'. The lower section, also highlighted with a green border, is a 'publication' titled 'Dive efficiency versus depth in foraging emperor penguins' by 'Zimmer I, Ancel A, Ropert-Coudert Y, Plötz J, R, Wilson, Kato A, Beaulieu M', with doi: 10.3354/ab00213 and source: Thomson Reuters. On the right side, there is a sidebar with a 'Sources' section listing 'Pangaea', 'Thomson Reuters', and 'Datasets in Datacite'. Below that is a 'Publisher:' section listing 'PANGAEA Data Publisher for Earth & Environmental Science', 'PANGAEA - Data Publisher for Earth & Environmental Science', and 'PANGAEA - Publishing Network for Geoscientific and Environmental Data'. At the bottom of the sidebar are social media icons for @, Twitter, Facebook, Google+, and LinkedIn.

Conclusion



Thank you

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