
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

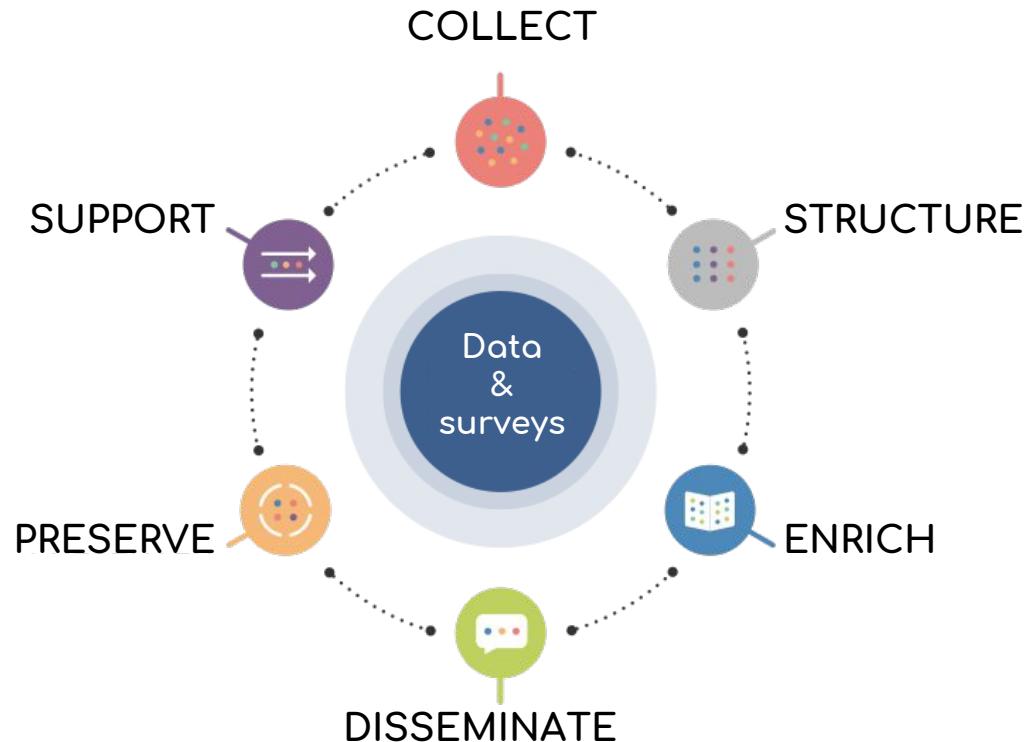
the Library, data and DDI

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 \(2011\)](#)

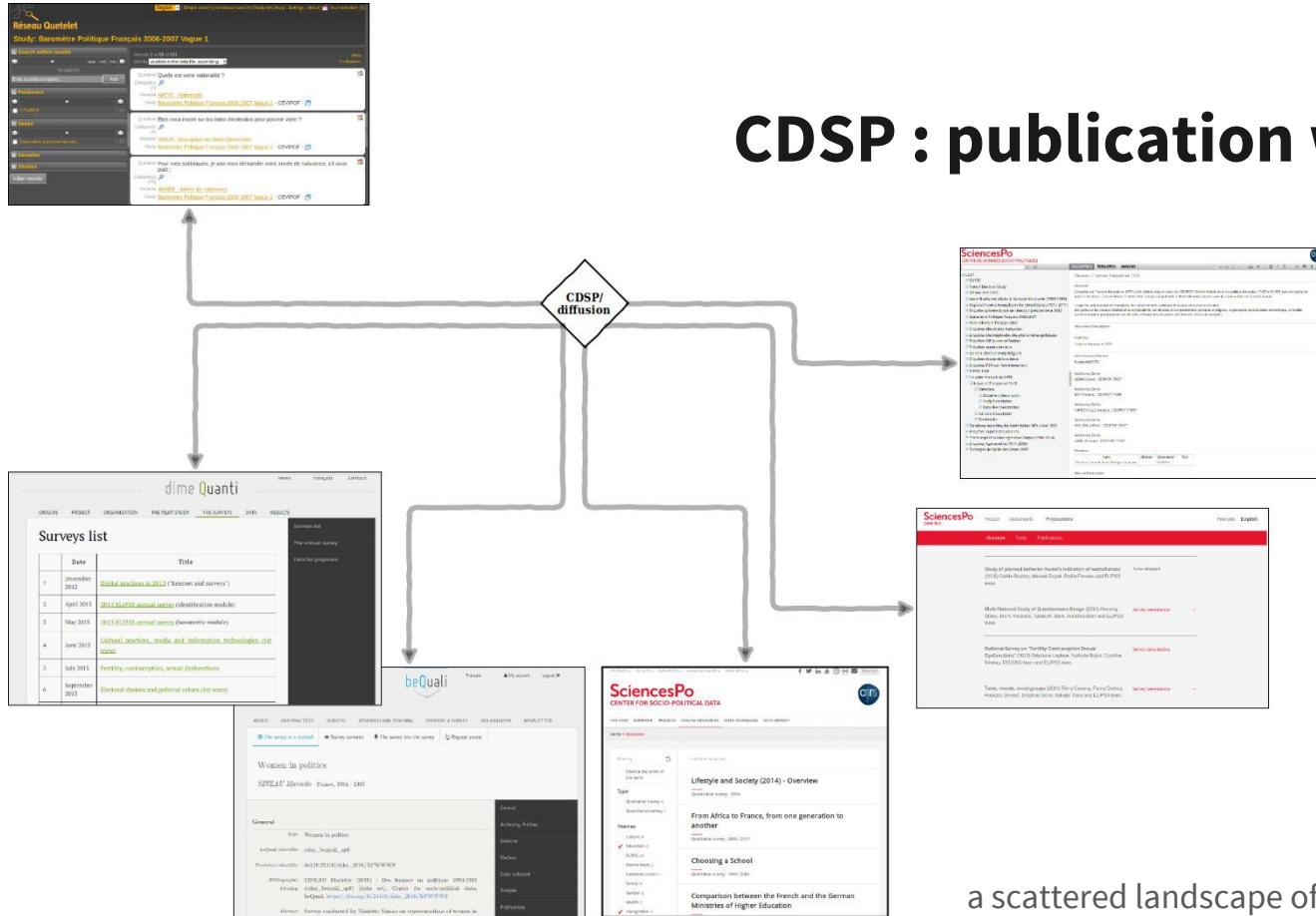
[beQuali : a Qualitative data repository and online discovery tool \(+TEI\)](#)

[CDSP website resources hub](#)

- **Management:** Data repositories

[Nesstar \(since 2006\)](#)

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



CDSP : publication workflow

a scattered landscape of diffusion platforms

CDSP : the choice of Dataverse as a SSOT

Tuesday , Concurrent C1 [Infrastructure]

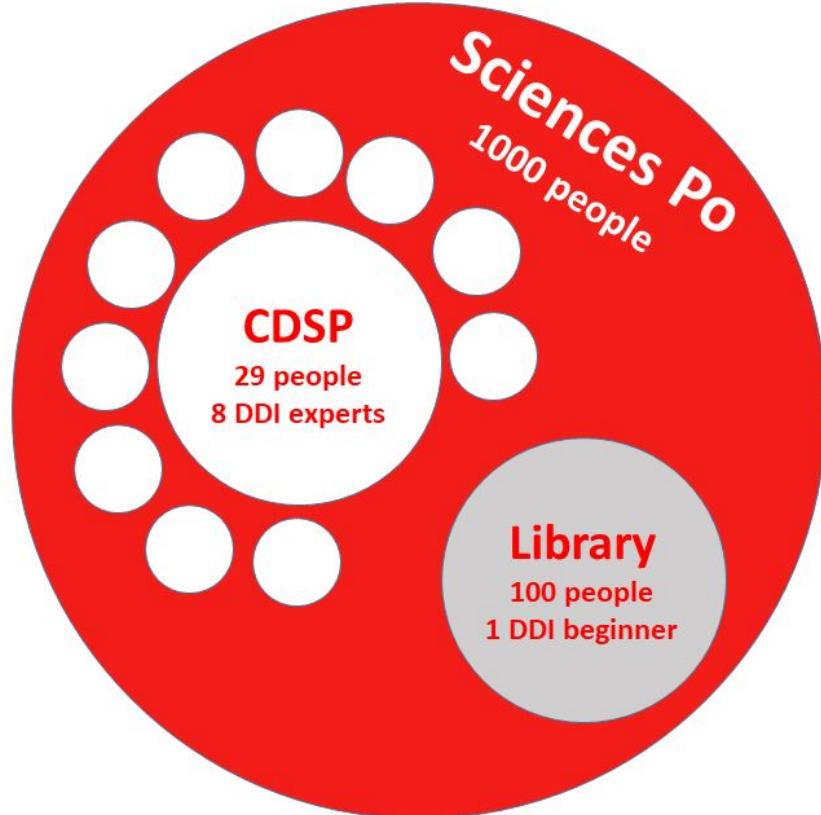
Dataverse as a Single Source of Truth in a DDI-Compliant Environment (Geneviève
MICHAUD, Romain MOUGIN, Baptiste ROUXEL)

2. Library and DDI

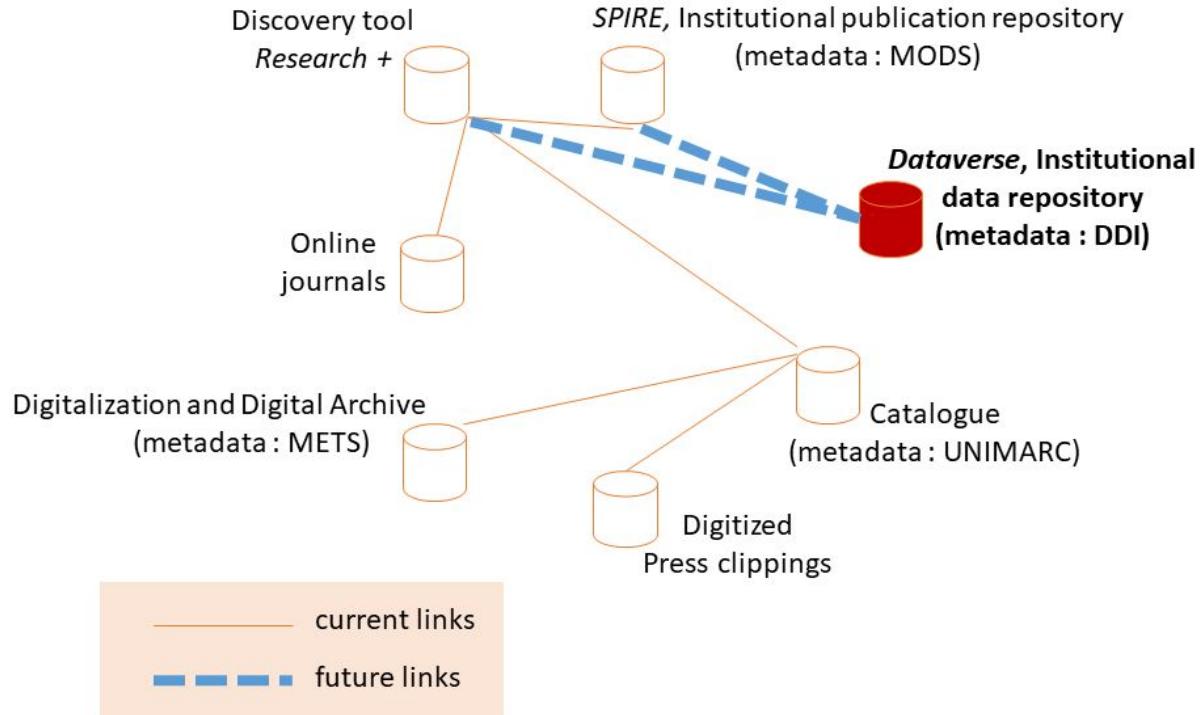
Library: a new mission for research data

- Sciences Po, Social Sciences University
 - 230 researchers and 350 PHD
 - Social Sciences university
 - 11 research units
- The logo features a green square with a yellow and purple geometric design at the bottom. The text "PLAN NATIONAL POUR LA SCIENCE OUVERTE" is written in white.

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... 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, Hélène; Dabène, Olivier; Estrada, Gaspard, 2018, "L'Amérique latine en libre accès", doi:10.21410/dshs_2016/0UL7JA, Catalogues, V1, UNF:6:MiDU15PJZAEf3mXcMYDwKw==
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; Gaultier-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
2. DDI adoption by librarians
3. Link between Dataverse and Institutional Publications repository (SPIRE)

DDI	Question (en)
/stdyDscr/citation/titlStmt/altTitl	Project Acronym
/stdyDscr/citation/titlStmt/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

4. inter-linking data and citations

how to link data and publications ?

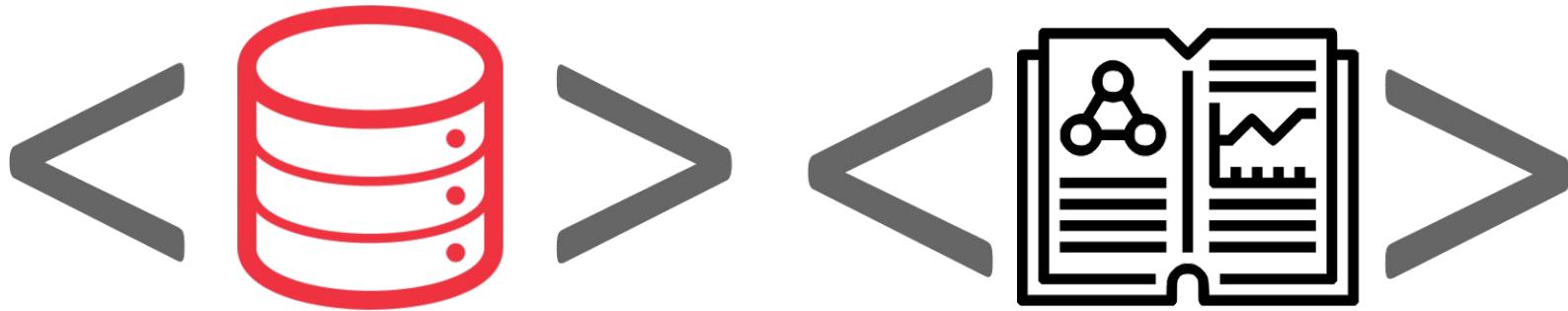


figure from
<https://www.crossref.org/blog/how-do-you-deposit-data-citations/>

icon from :
<https://www.onlinewebfonts.com/icon/532473>

how to link data and publications ?

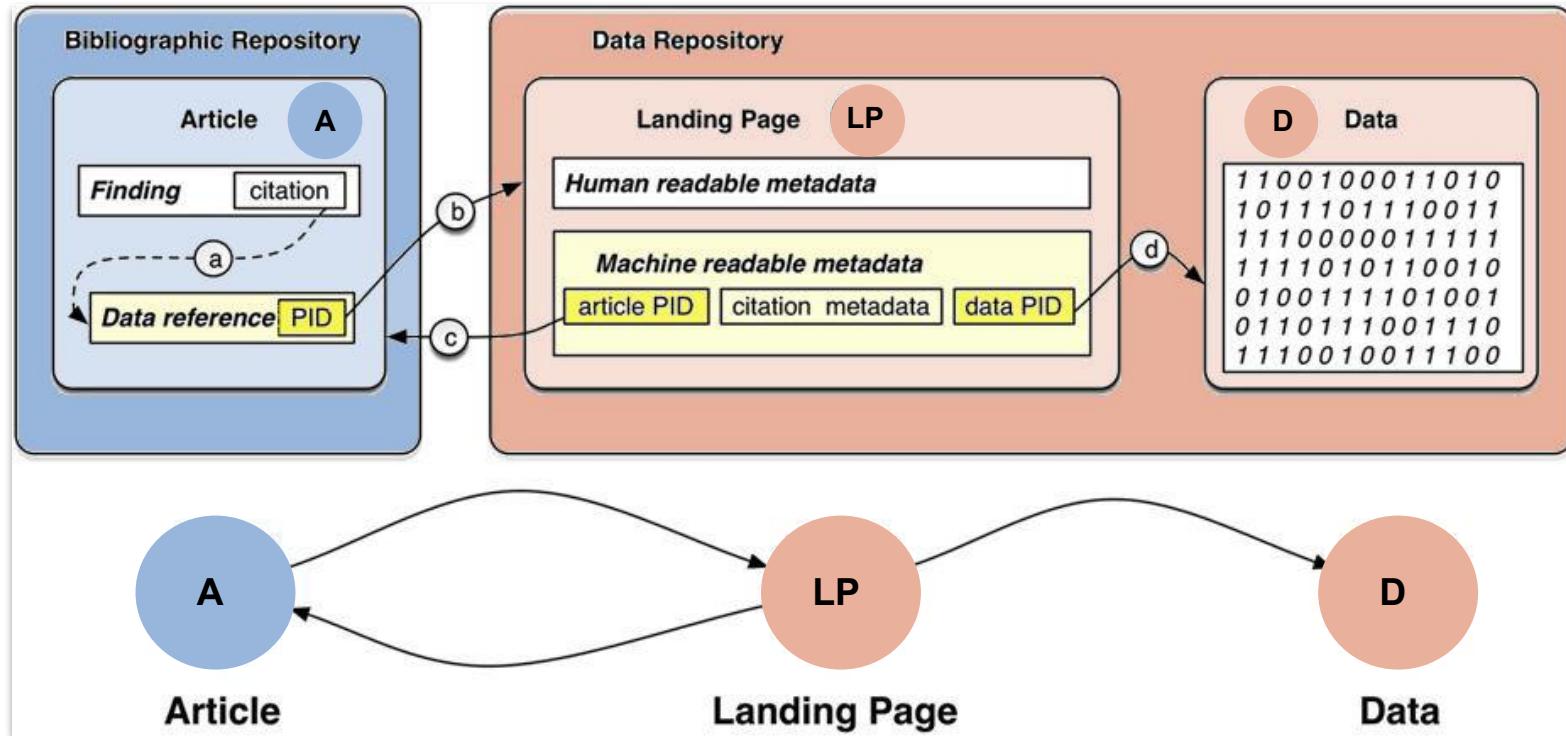


Figure from : Helena Cousijn, Amye Kenall, Emma Ganley, Melissa Harrison, David Kernohan, Thomas Lemberger, Fiona Murphy, Patrick Polischuk, Simone Taylor, Maryann Martone & Tim Clark, 2018, "A data citation roadmap for scientific publishers", www.Nnature.com, <https://doi.org/10.1038/sdata.2018.259>

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 | Geospatial Metadata | Social Science and Humanities Metadata

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dataverse landing page
for a dataset

Metadata editing: Citation Metadata: Related Publication

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

Related Publication *

Citation *

Dehoussé, 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

Scholexporer (a prototype)

The screenshot shows a web-based application interface for managing datasets. At the top, there's a navigation bar with links for 'ABOUT', 'SCHOLIX API', and 'STATISTICS'. Below the navigation, a dataset record is displayed. A green box highlights the 'dataset' tab in the top navigation and the main content area. The content area contains a title, abstract, and detailed description of the dataset. Another green box highlights the 'LINK TO DATASETS (30)', 'LINK TO PUBLICATIONS (1)', and 'OTHER LINKS (0)' buttons at the bottom of the page. A third green box highlights the 'publication' tab in the bottom navigation.

Scholexporer

dataset 2005

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, Rony 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

Plötz, Joachim, Bornemann, Horst, Wilson, Rony P, Ancel, André, Zimmer, Ilka, Beaulieu, Michaël
2005-10-31T02:00:00/2006-01-19T23:00:00

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 Énergétiques, 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 dives 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.472147, 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).

LINK TO DATASETS (30) LINK TO PUBLICATIONS (1) OTHER LINKS (0)

publication

"Dive efficiency versus depth in foraging emperor penguins"
Zimmer A, Ropert-Coudert Y, Plötz J, Rp, Wilson, Kato A, Beaulieu M,
doi : [10.3354/ab00213](https://doi.org/10.3354/ab00213)

Sources: Thomson Reuters

Conclusion



Thank you

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