Dataset publication by Leiden University researchers

Núria Raga Raga | Centre for Digital Scholarship 2022

Naturalis Biodiversity Center

Data Management Regulations Leiden University 2021

"Article 11: Digital research data are sustainably stored in an archive/repository, preferably a certified repository […]. The faculty/institute data protocol includes a list of preferred archives/repositories."

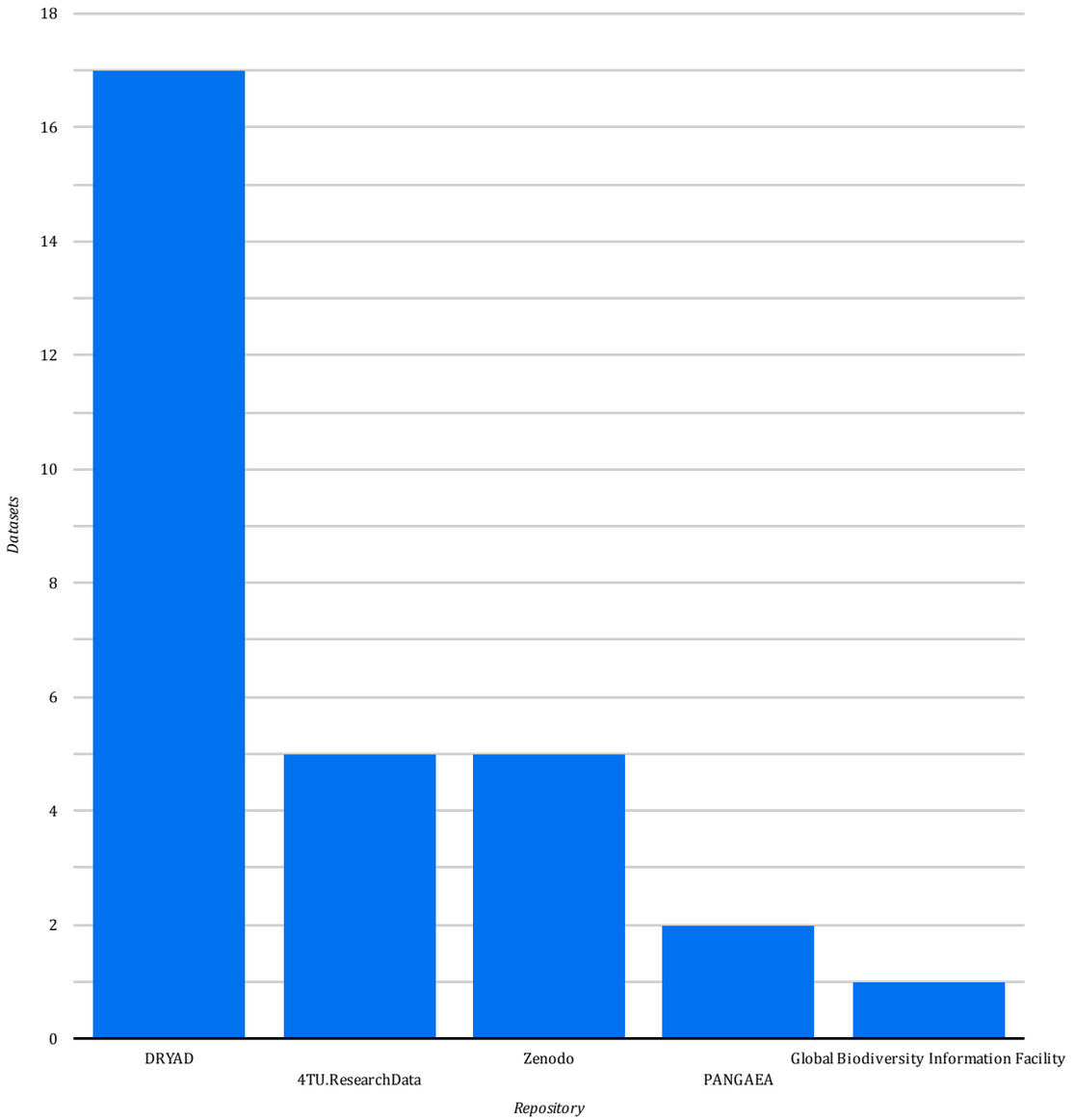
Look at the CoreTrustSeal requirements to know more about repository certification: 10.5281/zenodo.7051096

Repositories used by Leiden University researchers

List of repositories used by researchers in the Naturalis Biodiversity Center and number of datasets published.

	Repository	Datasets ▾
1.	DRYAD	17
2.	4TU.ResearchData	5
3.	Zenodo	5
4.	PANGAEA	2
5.	Global Biodiversity Information Facility	1

1 - 5 / 5



Datasets
30

Repositories used by Leiden University researchers

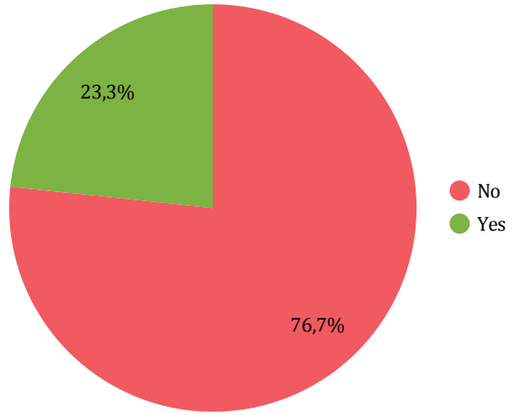
List of repositories used by researchers and certification of these repositories.

	Repository	Certification	Datasets ▾
1.	DRYAD	No	17
2.	4TU.ResearchData	Yes	5
3.	Zenodo	No	5
4.	PANGAEA	Yes	2
5.	Global Biodiversity Information Facility	No	1

1 - 5 / 5

Datasets
30

Percentage of datasets depending on the certification of their repositories and compliance of researchers with Data Management Regulations: archiving data in certified repositories.

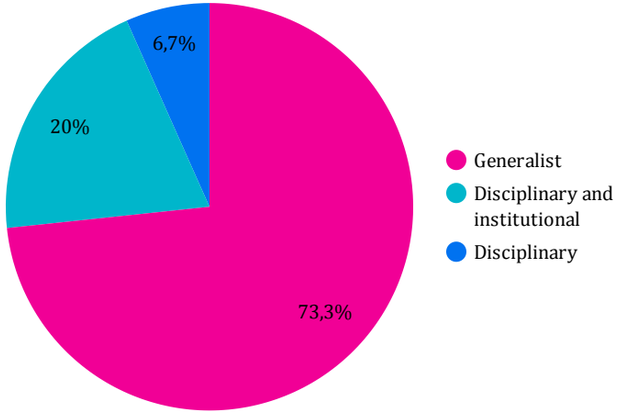


Repositories used by researchers in the Naturalis Biodiversity Center

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	DRYAD	Generalist	17
2.	4TU.ResearchData	Disciplinary and institutional	5
3.	Zenodo	Generalist	5
4.	PANGAEA	Disciplinary	2
5.	Global Biodiversity Information Facility	Disciplinary and institutional	1

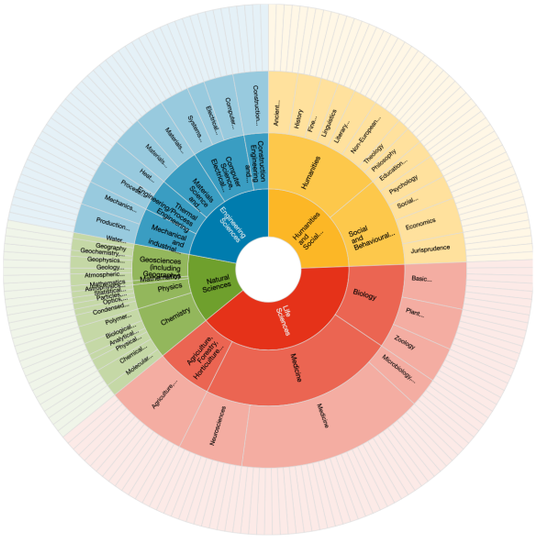
1 - 5 / 5



Information about repositories

Resources to know more about how to choose a repository.

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES



Generalist Repository Comparison Chart

doi: 10.5281/zenodo.3946719

This chart is designed to assist researchers in finding a generalist repository should no domain repository be available to preserve their research data. Generalist repositories accept data regardless of data type, format, content, or disciplinary focus. For this chart, we included a repository available to all researchers specific to clinical trials (Vivli) to bring awareness to those in this field.

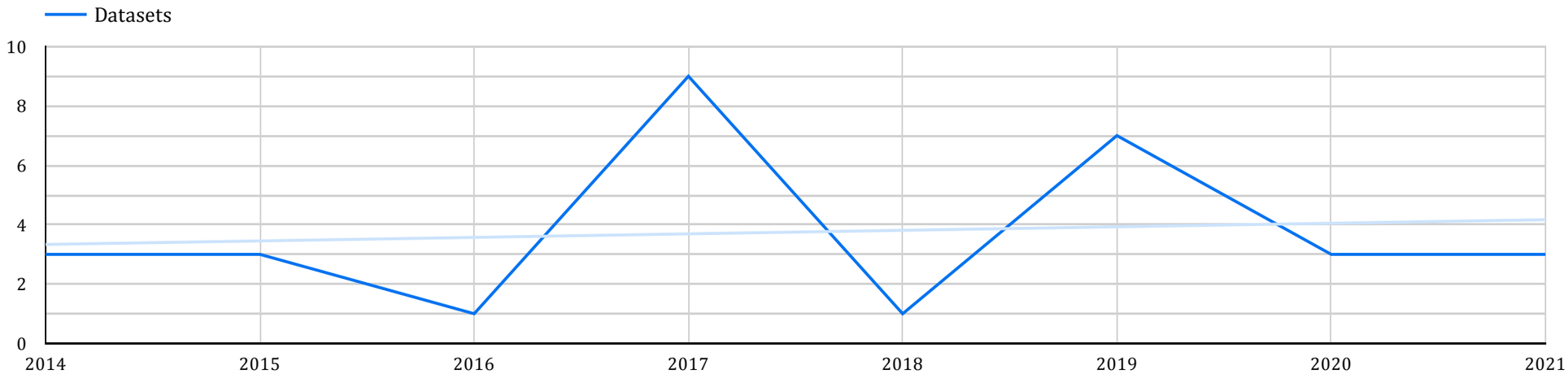
https://fairsharing.org/collection/GeneralRepositoryComparison

TOPIC	HARVARD DATAVERSE REPOSITORY	DRYAD	FIGSHARE	MENDELEY DATA	OSF	VIVLI	ZENODO

Deposits of datasets per year

Number of datasets deposited per year in the centre.

As a reference: the first Data Management Regulations were published in 2016.



Datasets linked to an article

Not all datasets published are related to an article.

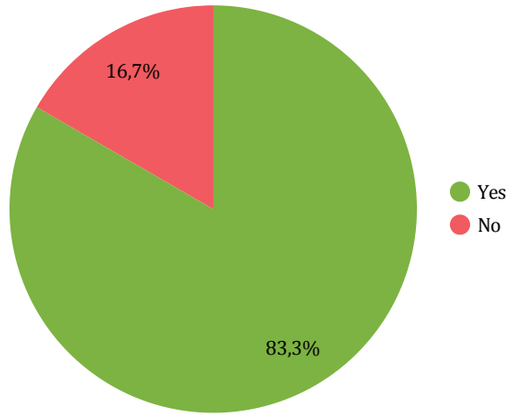
List of journals that have articles related to datasets of the centre.

Journal

	Journal	Datasets	Articles
1.	Molecular Ecology	4	4
2.	Journal of Biogeography	2	2
3.	FEMS Microbiology Ecology	1	1
4.	The American Naturalist	1	1
5.	Communications Biology	1	1
6.	BMC Evolutionary Biology	1	1
7.	bioRxiv	1	1
8.	PLoS One	1	1
9.	Biology Open	1	1
10.	Current Biology	1	1
11.	PhytoKeys	1	1
12.	ZooKeys	1	1
13.	Biological Conservation	1	1
14.	Molecular Phylogenetics and Evolution	1	1
15.	Global Ecology and Biogeography	1	1
16.	Plant Methods	1	1

1 - 21 / 21

Datasets related to an article



Datasets
30

Datasets related to an article
25

Metrics related to repositories

Not all repositories allow us to see metrics of datasets.
This is a list of datasets with the number of downloads and views that appear in the repository.

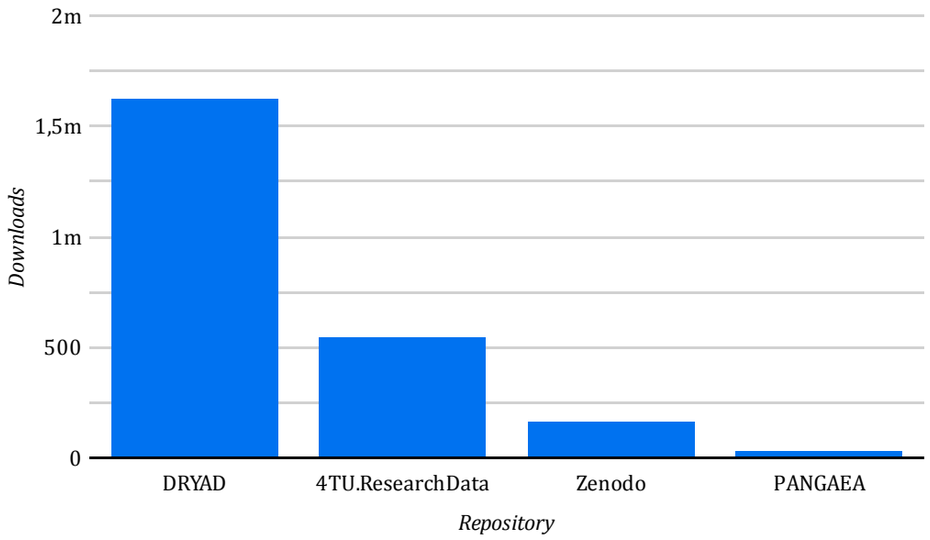
The graphics show the 4 repositories with more downloads or views.

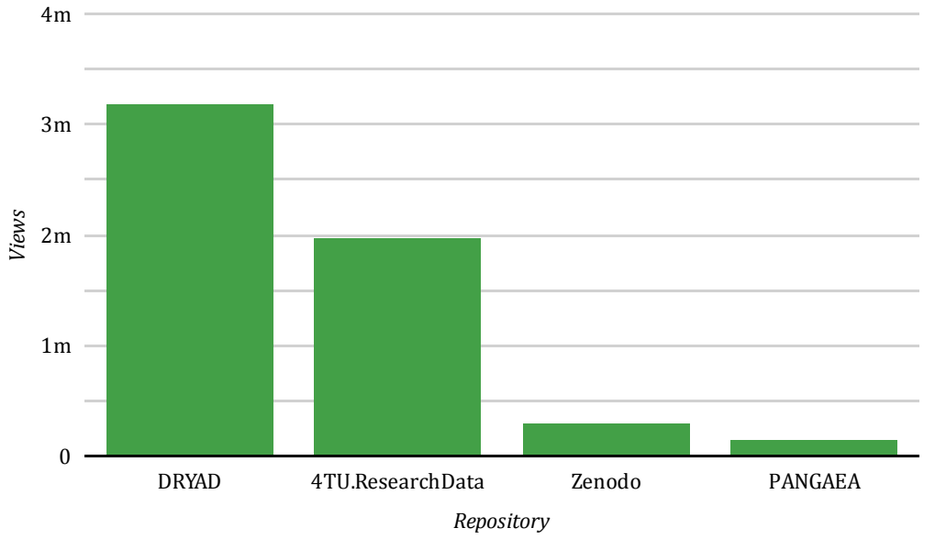
Dataset title

Naturalis Biodiversity Center

	Dataset DOI	Dataset title	Repository	Downloads	Views
1.	10.5061/dryad.2fc32	Data from: Long-term experimental warming alters community composition of ascomycetes in Alaskan moist and dry arctic tundra	DRYAD	613	300
2.	10.5061/dryad.n82g9	Data from: Abrupt changes in the composition and function of fungal communities along an environmental gradient in the High Arctic	DRYAD	270	260
3.	10.5061/dryad.cq2rb	Data from: Compositional and functional shifts in arctic fungal communities in response to experimentally increased snow depth	DRYAD	255	211
4.	10.4121/uuid:6efd2682-8160-4cc8-b3c3-452343439714	Measurements of gigantopterid material from the Jambi flora	4TU.ResearchData	139	390
5.	10.5061/dryad.r7201	Data from: Natural hybridization between genera that diverged from each other approximately 60 million years ago	DRYAD	118	303
6.	10.4121/uuid:0659e6b5-8200-40b6-96af-45283f2f91ad	Measurements of material from peltasperm seedferns	4TU.ResearchData	118	380

1 - 30 / 30





LU Contributors in the datasets

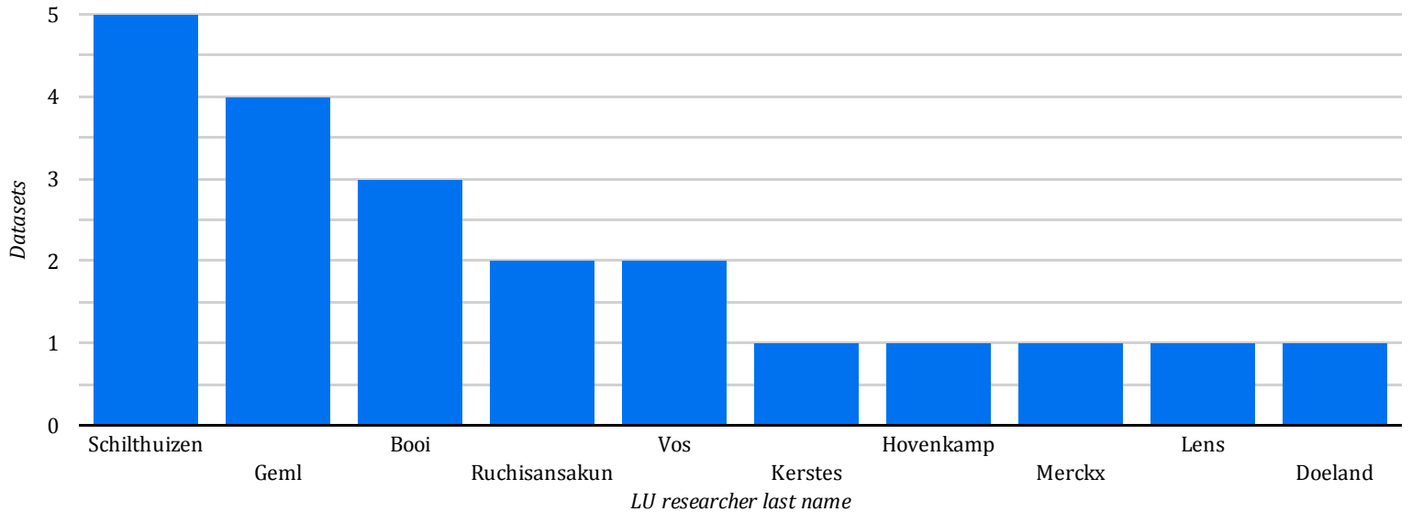
List with the principal LU contributors to the datasets and metrics associated with these contributors.

The graphic shows the 10 researchers with more published datasets.

Author last name

	First name	Last name	ORCID	Scopus ID	Datasets	Downloads	Views
1.	Menno	Schilthuizen	0000-0001-6229-0347	55933637800	5	136	595
2.	József	Geml	0000-0001-8745-0423	16645435300	4	574	780
3.	Menno	Booi	0000-0002-0537-0866	24480619800	3	373	1.156
4.	Saroj	Ruchisansakun	0000-0002-7022-8831	56275548100	2	172	816
5.	Rutger	Vos	0000-0001-9254-7318	36161555400	2	69	140
6.	Niels	Kerstes	null	35311055300	1	23	265
7.	Freek	Vonk	null	12141488700	1	36	257
8.	Peter	Hovenkamp	0000-0002-4124-2175	6602464321	1	118	303
9.	Tatiana	Semenova	null	7102354876	1	613	300
10.	Jan	Wieringa	0000-0003-0566-372X	7003327425	1	11	131

1 - 19 / 19



Datasets
30

Naturalis
Biodiversity
Center

Núria Raga Raga
Centre for Digital Scholarship
n.raga.raga@library.leidenuniv.nl

Discover the world at Leiden University

DRYAD

DRYAD

Search

Explore Data | About | Help | Login

Data from: Pupil diameter tracks lapses of attention

van den Brink, Ruud L., Leiden University
Murphy, Peter R., University Medical Center Hamburg-Eppendorf, Leiden University
Nieuwenhuis, Sander, Leiden University
Publication date: October 17, 2017
Publisher: Dryad
https://doi.org/10.5061/dryad.mp332

Citation

van den Brink, Ruud L.; Murphy, Peter R.; Nieuwenhuis, Sander (2017), Data from: Pupil diameter tracks lapses of attention, Dryad, Dataset, https://doi.org/10.5061/dryad.mp332

Abstract

Our ability to sustain attention for prolonged periods of time is limited. Studies on the relationship between lapses of attention and psychophysiological markers of attentional state, such as pupil diameter, have yielded contradicting results. Here, we investigated the relationship between tonic fluctuations in pupil diameter and performance on a demanding sustained attention task. We found robust linear relationships between baseline pupil diameter and several measures of task performance, suggesting that attentional lapses tended to occur when pupil diameter was small. However, these observations were primarily driven by the joint effects of time-on-task on baseline pupil diameter and task performance. The linear relationships disappeared when we statistically controlled for time-on-task effects and were replaced by consistent inverted U-shaped relationships between baseline pupil diameter and each of the task performance measures, such that most false alarms and the longest and most variable response times occurred when pupil diameter was both relatively small and large. Finally, we observed strong linear relationships between the temporal derivative of pupil diameter and task performance measures, which were largely independent of time-on-task. Our results help to reconcile contradicting findings in the literature on pupil-linked changes in attentional state, and are consistent with the adaptive gain theory of locus coeruleus-norepinephrine function. Moreover, they suggest that the derivative of baseline pupil diameter is a potentially useful psychophysiological marker that could be used in the on-line prediction and prevention of attentional lapses.

Data Files

Download dataset

October 17, 2017

Related Works

Article
https://doi.org/10.13...journal.pone.0165274

Metrics

302 views

50 downloads

1 citations

License

PUBLIC DOMAIN

DOI: 10.17616/R34S33

Certification: None

Repository type: Generalist

Principal institution: DRYAD (International)

Persistent identifier system: DOI

Metrics: Views, downloads and citations

CORE TRUST SEAL

*Preservation: Merritt repository

Usage Notes

All data

Data for van den Brink, Murphy & Niewenhuis: Pupil diameter tracks lapses of attention. Three types of data are provided: 1) Raw data; 2) the processed data that were used to compute metrics for inferential stistics; 3) and the metrics themselves. (1) Raw data are contained in the folder 'raw_data'. The folder 'pupil_data contains four sub folders: * edfs: Raw EDF files as produced by the EyeLink. * samples: ASCII file containing data points from the EDF files (so the pupil data). * events: ASCII file contaning event type and timing information. Type: 0 = Scrambled image; 1 = Mountain; 2 = City; 32 = Response (space bar press). * converted: MATLAB files containing the data imported into EEGLAB format. Each block is contained in a separate EEG entry within ALLEEG. The first channel is pupil diamter in pixels. The second and third channel are gaze x and gaze y respectively. Event type and timing are contained in EEG.event. The folder 'behavior' contains a MATLAB file per participant and block that contains the behavioral data. * The relevant matrix here is 'response', which is organized as trials (rows) by variables (columns). Relevant columns are: Column 1 contains trial types (0 = Scrambled image; 1 = Mountain; 2 = City), Column 2 contains key code (32 = space bar; 0 = no response), Column 5 contains RTs (RT = 0 if no response), Comlumn 7 contains response type (-1 = false alarm; 0 = miss; 1 = hit). (2) Processed data are contained in the folder 'processed_data.' Within are text files that resulted from the sliding window analysis. In all files the first column is participant number, and the second column is block number. All following columns are data points (a value per window). These data served as regressors in all the major analyses. Folder and file names will tell you what's what. (3) Regression coefficients and slopes are contained in 'statistics'. All MATLAB files containing matrices on which the stats were run. * Slopes, indicative of linear changes over time, are contained in 'Slopes_xxx.mat;' Size: participant (rows) by block (columns). * Linear regression coefficients are contained in 'Linear_betas_diameter/derivative.mat.' * Quadratic regression coefficients are contained in 'Quadratic_betas_diameter.mat.' * File suffix _noTOT indicates that these are regression coefficients after taking time on task into account. The matrices that contain regression coefficients are of size Participant by block by measure. Measure: 1 = False alarm; 2 = Slow quintile 3 = RT; 4 = RTCV.In all of the above, the participants are in the same order as in the text files in the folder 'processed_data'. Note that all statistics were run on the block-average of these matrices.
vandenBrinketal2016PONE.zip

4TU.ResearchData

DOI: 10.17616/R3VG6N

Certification: CoreTrustSeal

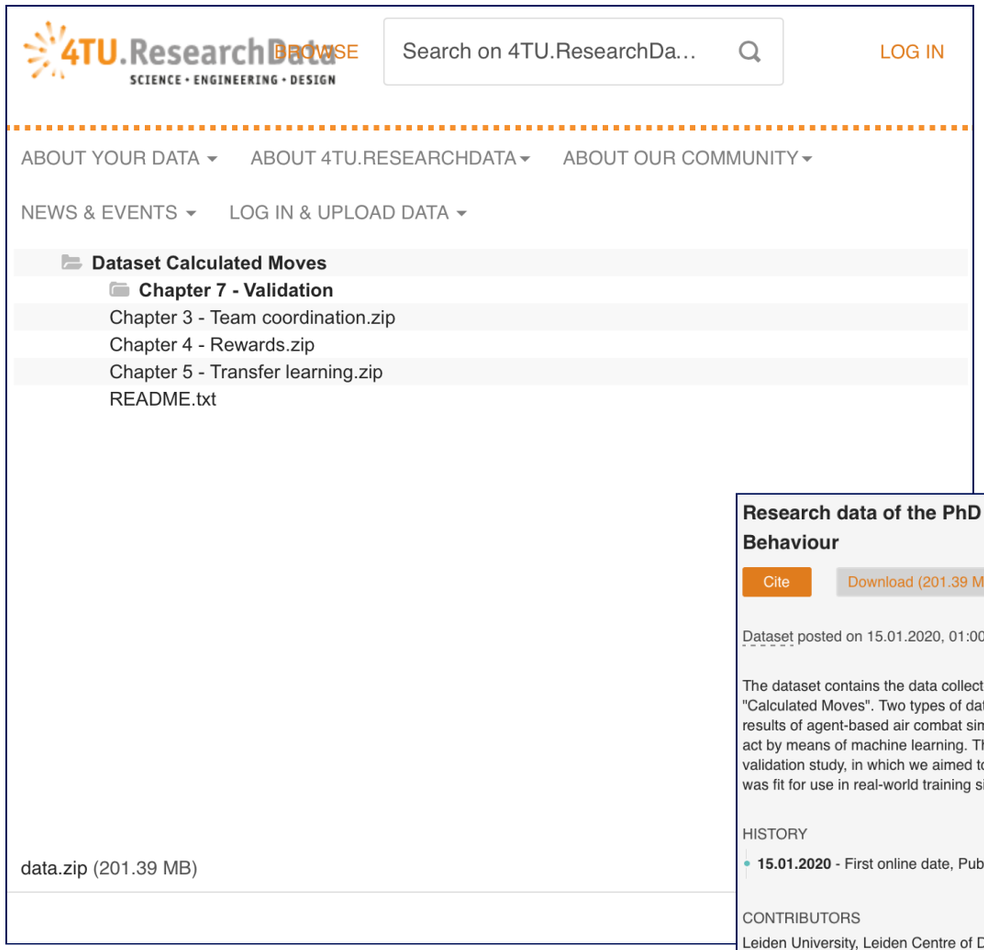
Repository type: Disciplinary and institutional

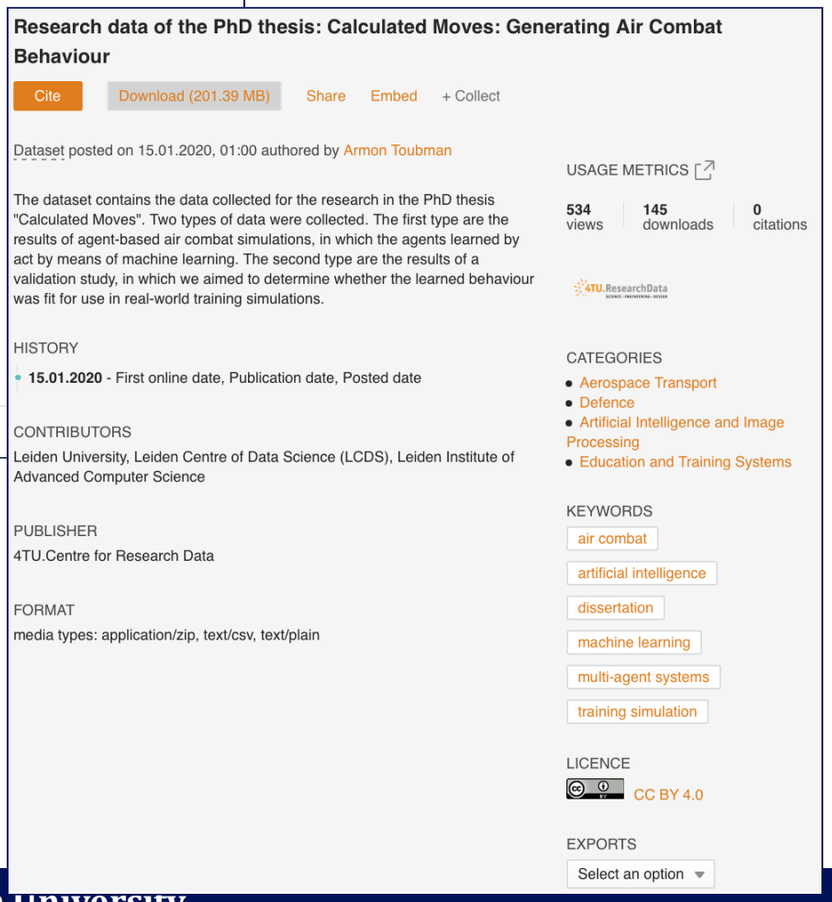
Subjects: Hydrogeology, hydrology, limnology, urban water management, water chemistry, bioinformatics, biology, urbanism, geosciences, construction engineering and architecture

Principal institution: 4TU.Federation (Netherlands)

Persistent identifier system: DOI

Metrics: Views, downloads and citations





Zenodo

DOI: 10.17616/R3QP53

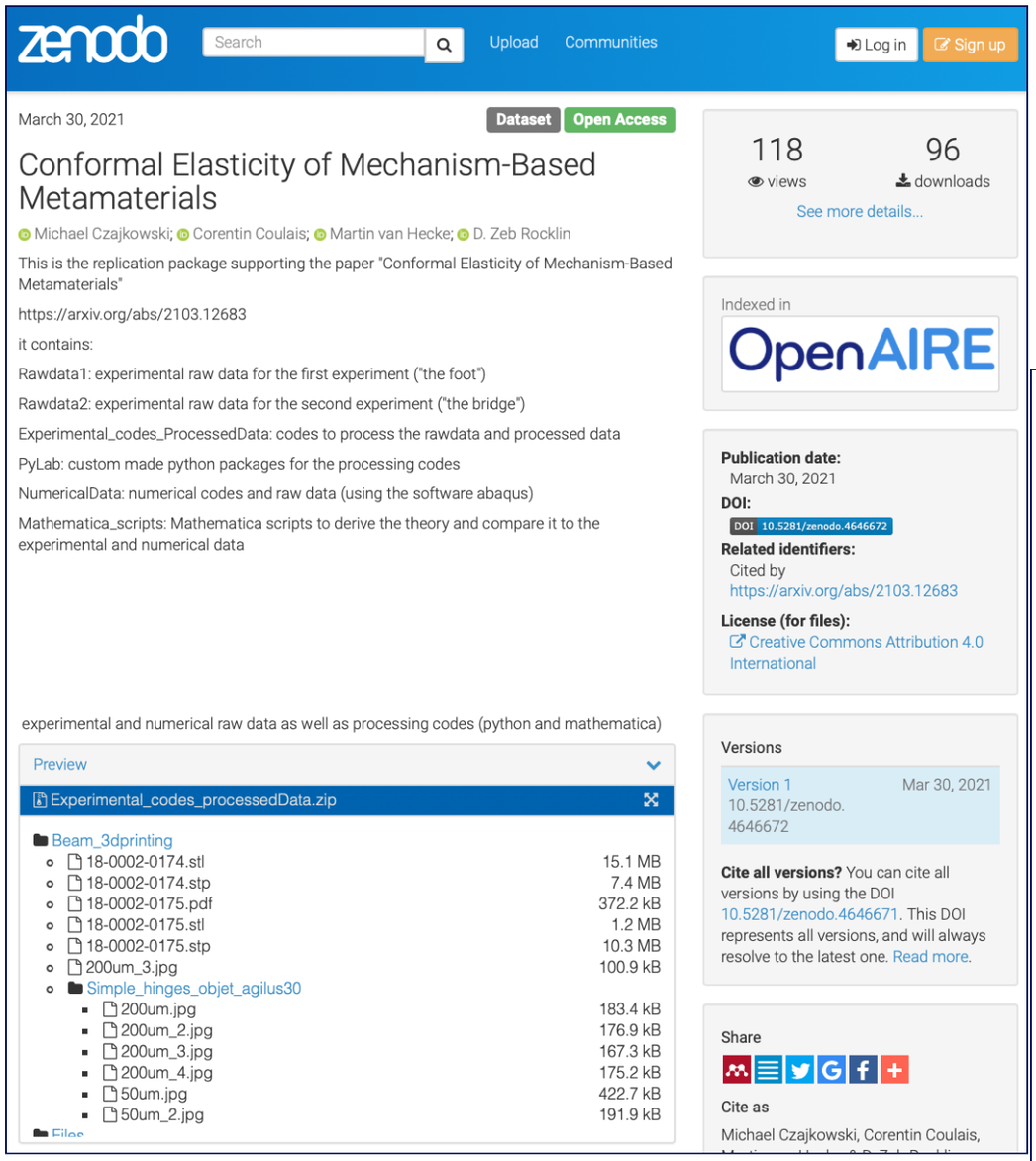
Certification: None

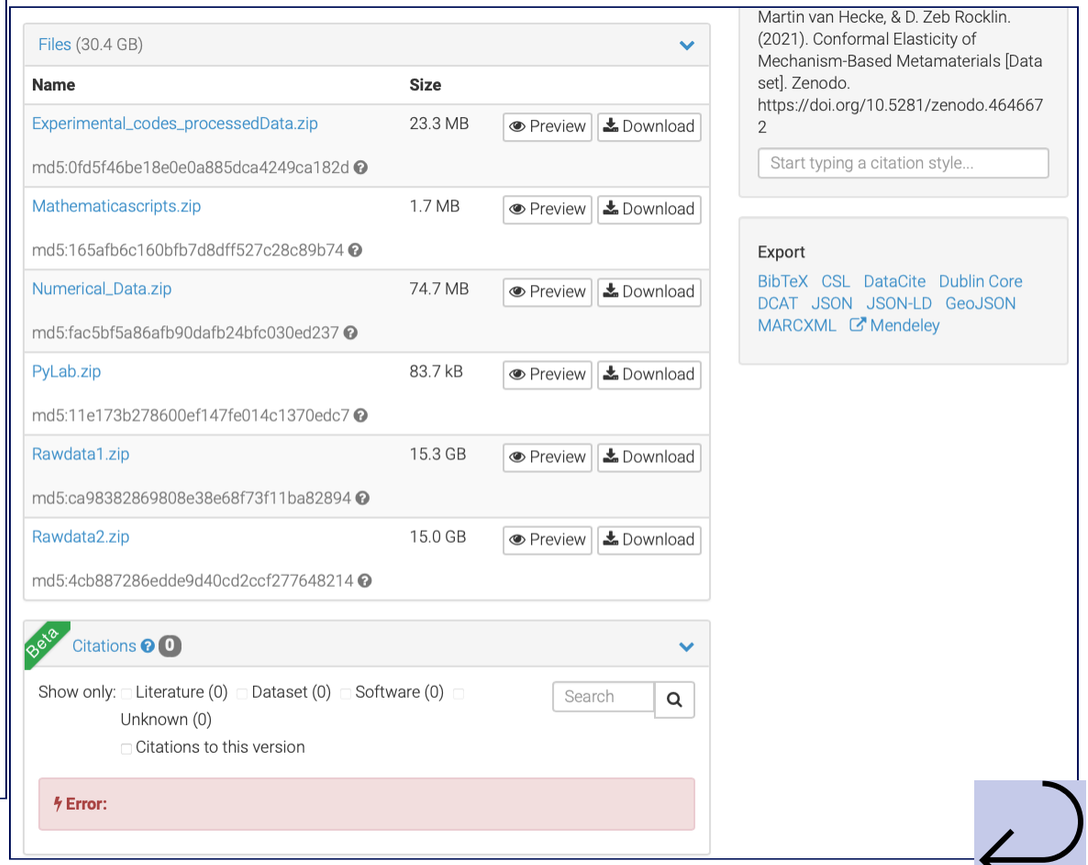
Repository type: Generalist

Principal institution: European Organization for Nuclear Research - CERN (European Union)

Persistent identifier system: DOI

Metrics: Views and downloads





PANGAEA

DOI: 10.17616/R3XS37

Certification: CoreTrustSeal

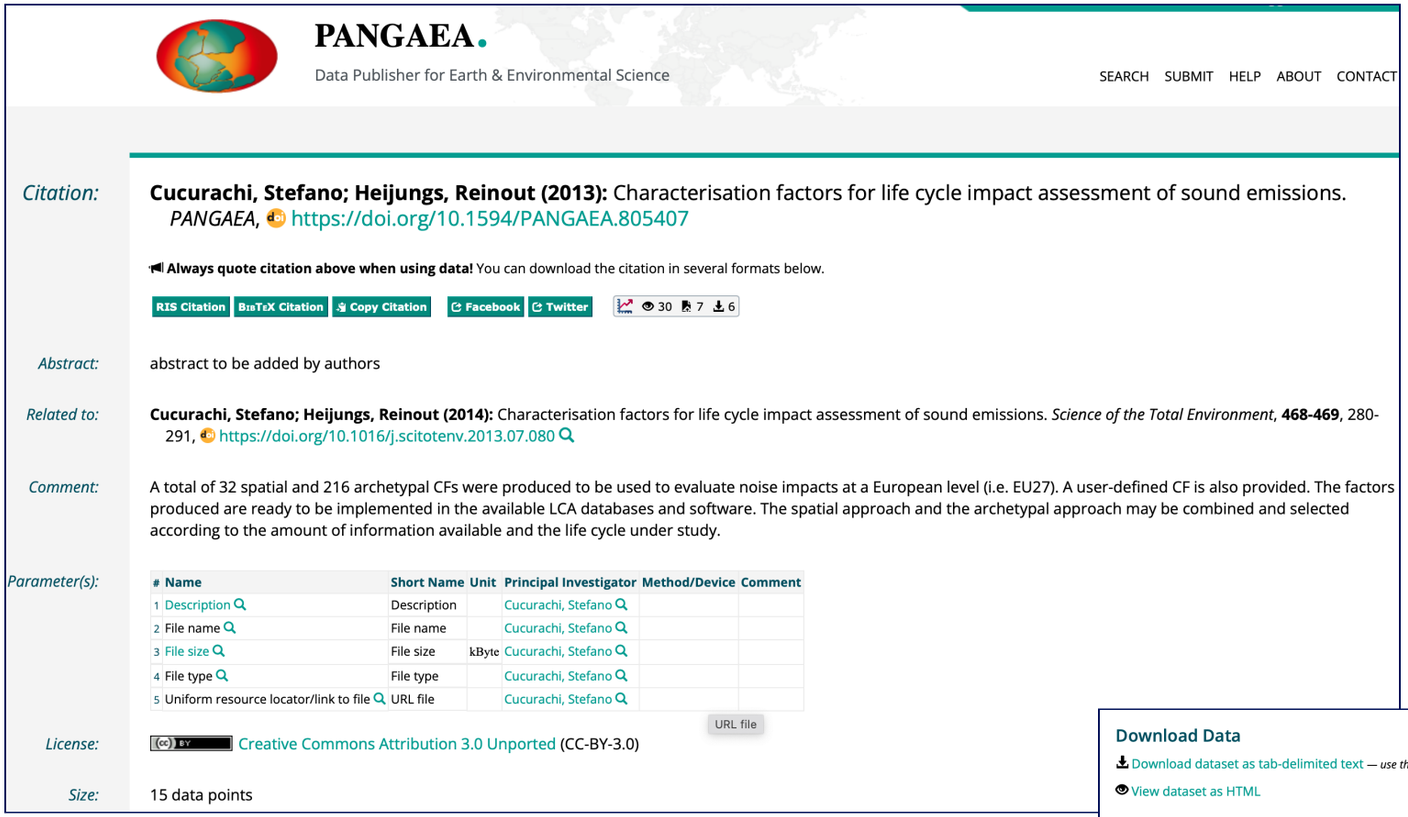
Repository type: Disciplinary

Subjects: Oceanography, geology, biology, palaeontology, geophysics, geochemistry, mineralogy, crystallography, atmospheric science, geodesy

Principal institution: Alfred Wegener Institute - Helmholtz Centre for Polar and Marine Research (Germany)

Persistent identifier system: DOI

Metrics: Views and downloads



PANGAEA.

Data Publisher for Earth & Environmental Science

SEARCH SUBMIT HELP ABOUT CONTACT

Citation: **Cucurachi, Stefano; Heijungs, Reinout (2013):** Characterisation factors for life cycle impact assessment of sound emissions. *PANGAEA*, https://doi.org/10.1594/PANGAEA.805407

Always quote citation above when using data! You can download the citation in several formats below.

RIS Citation | BibTeX Citation | Copy Citation | Facebook | Twitter | 30 7 6

Abstract: abstract to be added by authors

Related to: **Cucurachi, Stefano; Heijungs, Reinout (2014):** Characterisation factors for life cycle impact assessment of sound emissions. *Science of the Total Environment*, **468-469**, 280-291, https://doi.org/10.1016/j.scitotenv.2013.07.080

Comment: A total of 32 spatial and 216 archetypal CFs were produced to be used to evaluate noise impacts at a European level (i.e. EU27). A user-defined CF is also provided. The factors produced are ready to be implemented in the available LCA databases and software. The spatial approach and the archetypal approach may be combined and selected according to the amount of information available and the life cycle under study.

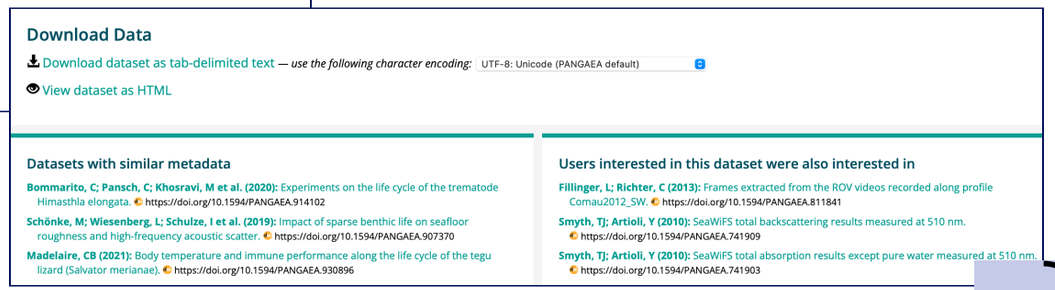
Parameter(s):

#	Name	Short Name	Unit	Principal Investigator	Method/Device	Comment
1	Description	Description		Cucurachi, Stefano		
2	File name	File name		Cucurachi, Stefano		
3	File size	File size	kByte	Cucurachi, Stefano		
4	File type	File type		Cucurachi, Stefano		
5	Uniform resource locator/link to file	URL file		Cucurachi, Stefano		

URL file

License: Creative Commons Attribution 3.0 Unported (CC-BY-3.0)

Size: 15 data points



Download Data

Download dataset as tab-delimited text — *use the following character encoding:* UTF-8: Unicode (PANGAEA default)

View dataset as HTML

Datasets with similar metadata

Bommarito, C; Pansch, C; Khosravi, M et al. (2020): Experiments on the life cycle of the trematode Himasthla elongata. https://doi.org/10.1594/PANGAEA.914102

Schönke, M; Wiesenberg, L; Schulze, I et al. (2019): Impact of sparse benthic life on seafloor roughness and high-frequency acoustic scatter. https://doi.org/10.1594/PANGAEA.907370

Madelaire, CB (2021): Body temperature and immune performance along the life cycle of the tegu lizard (Salvator merianae). https://doi.org/10.1594/PANGAEA.930896

Users interested in this dataset were also interested in

Fillinger, L; Richter, C (2013): Frames extracted from the ROV videos recorded along profile Comau2012_SW. https://doi.org/10.1594/PANGAEA.811841

Smyth, TJ; Artioli, Y (2010): SeaWiFS total backscattering results measured at 510 nm. https://doi.org/10.1594/PANGAEA.741909

Smyth, TJ; Artioli, Y (2010): SeaWiFS total absorption results except pure water measured at 510 nm. https://doi.org/10.1594/PANGAEA.741903

Global Biodiversity Information Facility

DOI: 10.17616/R3J014

Certification: None

Repository type: Disciplinary and institutional

Subjects: Plant ecology, ecosystem analysis, zoology, biology, biodiversity, animal ecology

Principal institution: Global Biodiversity Information Facility (Denmark)

Persistent identifier system: DOI

Metrics: None