Welcome to the PIGWEB FAIR data survey. The aim of the survey is to find out more about your experiences and attitudes towards sharing data, how you handle research data, the challenges that you and your Institution face in regard to data, and its impact on workload and resources. The survey is based on the annual "State of Open data" surveys which is performed by Springer Nature every year (most recent report: https://doi.org/10.6084/m9.figshare.13274744.v1).

Our aim in with the PIGBWEB FAIR survey is to reach out to researchers specifically in the pig research community. Thereby we will be able to compare and contrast the responses from researchers within the field with the demographic normally responding to the State of Open data survey.

Answers will never be associated with individual participants when published and the results will only be published in aggregate except for quotes, if you wish to make a comment to be considered in the survey analysis but not cited in a published report please indicate this in a parenthesis after the comment. Email us at tomas.klingstrom@slu.se to report any problems.

The survey is being conducted by researchers at the Swedish University of Agricultural sciences and you can read more about how SLU process personal data at the university website here: https://www.slu.se/en/about-slu/contact-slu/personal-data/

To start the survey, click the green button labelled "Start button" in the bottom right corner of this browser window.

1. Information about your research and role in research.

To provide a little more context for your later responses we would first like to understand a little about your research and attitudes towards open science.

This is the first section of five, some sections are separated into multiple pages based on your answers. When was the last occasion that you published or submitted a manuscript to a

jour	rnal?				
	Within the last year				
	1-2 years ago				
	3-5 years ago				
	More than 5 years ago				
	I have never submitted a manuscript to a journal				
In w	hich year was your first peer-reviewed research article published?				
Whi	ch of the following best describes your primary area of interest?				
	Astronomy and planetary science				
	Biology				
	Business/Investment				
	Chemistry				
	Earth and Environmental Science				
	Engineering				
	Materials Science				
	Medicine				
	Physics				
	Social Sciences				
	Arts & Humanities				
	Other (please specify)				
Who	Who is the main funder of your current research?				

Doe	s any of your current research inve	oive colla	aboration w	ith othe	ers?	
	Yes, within my institution					
	Yes, within my country					
	Yes, internationally					
	No					
	I don't know					
To v	vhat extent do you agree/disagree	with the	following s	tatemen	its?:	
•	e the arrows below to go to next stoond to here).	atement,	there is a t	otal of t	hree stateı	ments to
		Strongly			Somewhat	Strongly
		agree (1)	Somewhat agree (2)	Neutral (3)	disagree (4)	disagree (5)
	king research articles open access uld be common scholarly practice					
	king research data openly available uld be common scholarly practice					
ava	king all research outputs openly ilable should be common scholarly ctices					
[Not	r familiar are you with the FAIR date: FAIR data principles correspondroperable, and Reusable] I am familiar with the FAIR data prin	d to data				
	I have never heard of the FAIR data	•	•			
Doe	s your country have an open data Yes					
	No					
	I don't know					
Doe	s your university/institute have an Yes	open da	ta policy re	lating to	FAIR?	
	No					
	I don't know					
Do a	any of your main funders have an o	open data	a policy rela	ating to	FAIR?	
	No					
	I don't know					

2. About your research data

	ou curate/prepare your data for sharing during or shortly after the data ection process either privately or publicly?
	Yes, all data collected
	Yes, some of the data collected
	Yes, but only data shared with colleagues or beyond
	Yes, but only data shared publicly
	No, its not important with our data
	No, we don't have the resource to do this but we would like to
	No, other (please specify)
(Ple	e you created a data management plan for your current research? ase select all that apply
	Yes, it was a requirement of my current funder
	Yes, it was a requirement of my institution
	Yes, it is a requirement of the journal I plan to submit to
	Yes, but not as a result of any requirement
	No
	I don't know
То и	hat extent do you think you make your data open in compliance with FAIR?
_	e: FAIR principles correspond to data that is Findable, Accessible, roperable, and Reusable]
	Very much
	Somewhat
	Neutral
	Not very much
	Not at all
	I don't know
wou	u required help in making your research data openly available, which sources ld you rely upon?
(Ple	ase select all that apply)
	Open data software provider
	Colleague/Supervisor
	Web-search
	Institutional Library
	Publisher
	Funder
	Research office/In-house institutional expertise
	Professional 3rd party
	Repository
	I would not require help making my data openly available
	Other (please specify)

To what extent are you comfortable with others using your data for the following?:

(Use the arrows below to go to next statement, there is a total of five statements to respond to here).

	•	Somewhat comfortable (2)	Neutral (3)	Somewhat uncomfortable ((4)	Extremely uncomfortable (5)	don't know (6)
Replication studies (use of your data as a reference to determine whether they can be repeated under similar conditions)						
Reanalysis (using a different method to analyse your data set)						
Reinterpretation (using your data as is to answer another question)						
Isolated reuse (reanalysing your data to answer a new question)						
Combination reuse (reanalysing your data in combination with other data sets to answer a new question)						

 (Please select all that apply) Contains sensitive information or require study participant permissions before some study participant permissions before some some study participant permissions before some some study participant permissions before some some study participant permissions before some some some some some some some som	sharing
	_
☐ Costs of sharing data	
 Unsure about copyright and data licensing 	
☐ Data are too large to share	
☐ I do not know what repository to use	
☐ I am unsure I have permission from my funder or institute to share my data	
☐ Data are too small or unimportant	
☐ Organising data in a presentable and usable way	
☐ Concerns about misuse of data	
Not receiving appropriate credit or acknowledgement	
 Another lab may make a different interpretation of my data 	
☐ Another lab may 'scoop' me to a discovery	
☐ I'm not sure I've exhausted all the potential findings yet	
☐ Others may find errors in my data	
☐ Others may not be able to repeat my findings	
☐ I have no desire to share my data	
☐ I have no problems/concerns about sharing data	
Other (please specify)	
What areas, if any, do you feel you need help with in regard to making your redata openly available? (Please select all that apply)	search
☐ Finding the time to manage my data	
□ Data management plans	
□ Copyright/Licensing of data	
 Data management policies 	
Curation of data	
 Finding appropriate repositories for deposition of data 	
□ None of the above	
Other (please specify)	
Would you like more guidance on how to comply with the policies of any of th below on making your research data openly available from any of the followin (Please select all that apply)	
□ Funder	
Institution	
 Institution Department or faculty Government 	

Are you aware of the following dec	dicated re	epositories and their	purpose?
		es but I have not used	Yes and I have used
	No	it	it —
NCBI - Sequence read archive			
NCBI - BioProject			
NCBI - Genbank			
EMBL-EBI European Nucleotide Archive			
EMBL-EBI ArrayExpress			
AnimalQTLdb			
FAANG			
NMDRas			
Are you aware of any of the follow	ing data	or code sharing platf	orms?
•		s but I have not used	Yes and I have used
	No	it	it
EOSC (European Open Science Cloud)			
Github			
Zenodo			
Figshare			
Dryad			
CodeOcean			
Docker hub			
Quay			
3. About your research data (part 2	2)		
At which point during the research cycle, if at all, do you make your data available? Immediately at the point when data is collected When the research is complete When submitting a research article On publication of the research Upon request from others			
☐ I do not share my data beyond r	my immed	diate collaborators	
How do you share your research data with a public audience? (Please select all that apply) Institutional repository Funder repository External repository (e.g. Figshare, Zenodo) Blog / website Cloud file sharing (e.g. Dropbox, Google Drive) Other (please specify)			

_	ou know who meets the costs of making your research data openly accessible resource for curation)?
	Own funds
	Funds identified in your grant for this purpose
	Your institution/organisation
	Your funder
	General grant funds (i.e. those no specifically allocated to this purpose)
	I don't know
	r, if at all, do you monitor the use of data that you share publicly? ase select all that apply)
	Citations
	Resolutions (i.e. frequency with which a unique identifier is clicked)
	Downloads
	Altmetrics
	I do not monitor the use of my data
	Other (please specify)
Have	Yes No I don't know e you ever been 'scooped' (i.e. have another lab publish an result similar to your
own	before you do) as a result of data you have previously shared? Yes
	No
	I don't know
4. Q	uestions about your usage of other data sources
Sinc	e January 2020, have you reused any of the below as part of your research?:
on it	e: by 'reuse' we mean undertaking new analysis of a pre-existing data set, either is own or to add to another data set, to answer a different research question to which the collection of data was originally intended] Your own data
	Openly accessible data shared by other research groups Neither of the above

How do you think the data shared by others has or could benefit you? (Please select all that apply)				
	Fosters collaboration			
	Validates my own research findings			
	Complements existing data I have collected			
	Avoids duplication of effort			
	It hasn't/would not benefit me			
	Other (please specify)			

How would you rate the importance of each of the following with reference to determining the quality of an openly accessible data set? (Use the arrows below to go to next statement, there is a total of 12 statements to respond to here).

					I
	•	Somewhat important (2)	Moderately important (3)	• •	
The data are available from a publicly available repository					
The data are new (e.g. released within the last year)					
The data can be viewed, downloaded and edited on an application I have available					
The data come from a known source (e.g. familiar institution or academic)					
The data are in a repository that I know checks/curates the data					
The data are associated with a peer review article					
Data visualizations (e.g. figures, charts) reflect the true state of the source data					
Data is consistent with previously published findings					
Data are presented in a clear and understandable way (data layout, content and format etc.)					
The data set is complete for my needs					
Data have clear descriptions, classifications and coding (i.e. data are accompanied with sufficient context)					
The data have been highly used, i.e. they have high usage metrics (e.g. citations, downloads, views etc.)					
Data that are 'easy' to find and access improves my perception of its quality					
Shared data add to the credibility of a research article					

5. Questions about your usage of other data sources (part 2)

The first three questions are of more general nature regarding your usage of other data sources. We will then ask you more specific questions about the last occasion on which you tried to get access to a data set produced by another research group.

(Use		ows below to	•	nic affected you ement, there is a		
		I have reused it a lot more since the onset of the	more since the	changed since the onset of the	I have reused it somewhat less since the onset of the pandemic (4)	
data Ope						
by c	a shared other earch ups					
othe	er resear		r your own reus	earch data whic se?	h has been col	lected by
	Directly	from the resea	rcher who colled	cted the data (e.g	. via email)	
	Downloa	aded directly fro	om a data repos	itory		
	Data we	re available wi	thin a pub l ished	research article		
	Data we	ere linked from	a pub l ished data	a article		
		ere available fro	om a blog post			
	I don't k					
	Other (p	lease specify)				
	_	our aim in usir ct all that app		enerated data?		
	•	ion studies (us d under simi l ar		a reference to de	etermine whethe	er they can be
	Reanalysis (analysing the data set using a different method to test the same research question)					
	Reinterp	oretation (using	the data as is to	o answer another	question)	
	Isolated	reuse (reanaly	sing the data to	answer a new qu	uestion)	
		ation reuse (rea a new questior		ita in combinatior	with other data	a sets to
	Other (p	lease specify)				

We would now like to ask you to think about the last occasion on which you tried to get access to a data set produced by another research group. Please answer the following questions with this experience in mind.

How	<i>i</i> did you gain access to the data set?
	A published research article
	A published data article
	Direct from the research group/authors
	Through a third-party
	Web-search
	A blog
	Other (please specify)
Wha	at was included in the data set?
	Data file outputs
	Metadata about the data
	A README file
	Code
	Software requirements
	License under which the data could be used
	Additional annotations of the data file
	None of the above
	e you able to get access to the data set?
	Yes, the complete data set
	Yes, part of the data set
	No, I was unable to access the data set
_	e you able to reuse the dataset for your intended purpose?
	Yes
	No
6. Q	uestions about your usage of other data sources (part 3)
Why	were you unable to reuse the dataset for your intended purpose?
	I could not validate the quality of the data
	The data were not suitable for my intended use
	Technical issues (e.g. could not get access to necessary software)
	It was not annotated sufficiently for understanding
	The license didn't permit reuse/could not get reuse permission
	Other (please specify)

7. Credit and recognition for data sharing

Do y	you think researchers currently get sufficient credit for sharing data? Yes
	No, they receive too much credit
	No, they receive too little credit
	I don't know
	at circumstances would motivate you to share your data? ase select all that apply)
	Full data citation
	Citation of my research papers
	Co-authorship on papers
	Financial reward
	Open data badge
	Consideration in job reviews and funding applications
	Funder requirement
	Journal/Publisher requirement
	Institution/Organisation requirement
	Public benefit
	Increased impact and visibility of my research
	Greater transparency and reuse
	Freedom of information request
	Direct request from another research
	It was made simple and easy to do
	It was a field/industry expectation
	I would never share my data
	Other (please specify)

Which one of the circumstances would motivate you the most to share your data? (The list below is the same as on the previous question, select the one which would motivate you the most).	
	Full data citation
	Citation of my research papers
	Co-authorship on papers
	Financial reward
	Open data badge
	Consideration in job reviews and funding applications
	Funder requirement
	Journal/Publisher requirement
	Institution/Organisation requirement
	Public benefit
	Increased impact and visibility of my research
	Greater transparency and reuse
	Freedom of information request
	Direct request from another research
	It was made simple and easy to do
	It was a field/industry expectation
	I would never share my data
	Other (please specify)
If the reuse of your data in a subsequent paper resulted in you being credited as a co-author, how much would this motivate you to make your data openly available to others?	
	A great deal
	A lot A moderate amount
	A little
	None at all
Wha	at recognition have you received for sharing your research data?
(Ple	ase select all that apply)
	Full citation in another article
	Co-authorship on a paper which used my data
	Financial reward
	Consideration of data sharing in a job review
	Consideration of data sharing in a grant application
	Open data badge
	I don't know
	l've never received credit
1 1	Other (please specify)

How supportive would you be of a national mandate for making research data openly available?		
 [Note: by open we mean free to access, reuse, repurpose and redistribute) Strongly support Somewhat support Neutral Somewhat oppose Strongly oppose 		
Should funders withhold funding from (or penalise in other ways) researchers who do not share their data if the funder has mandated that they do so at the grant application stage? Yes No I don't know		
Should funders make the sharing of research data part of their requirements for awarding grants? Yes No I don't know		
8. In this final section we would like to understand a little about you specifically to again provide additional context to previous responses given. This study consist of five sections: Information about your research and role in research about your research data, questions about your usage of other data sources, credit and recognition for data sharing and a final section with demographic data.		
This is the first section. Which type of organisation do you work in? University Medical school Research institution Government / Local government Private company Hospital Other (please specify) What is the name of your institution/organisation?		

What is the name of your school/department?	
What is your current tenure status?	
	Tenured
	On tenure track but not tenured
	Not on tenure track
	Not on tenure track
	No tenure system for my faculty status

Which country/ territory are you located in?	
	Afghanistan
	Albania
	Algeria
	Andorra
	Angola
	Antigua and Barbuda
	Argentina
	Armenia
	Australia
	Austria
	Azerbaijan
	Bahamas
	Bahrain
	Bangladesh
	Barbados
	Belarus
	Belgium
	Belize
	Benin
	Bhutan
	Bolivia
	Bosnia and Herzegovina
	Botswana
	Brazil
	Brunei
	Bulgaria
	Burkina Faso
	Burundi
	Côte d'Ivoire
	Cabo Verde
	Cambodia
	Cameroon
	Canada
	Central African Republic
	Chad
	Chile
	China
	Colombia
	Comoros
	Congo (Congo-Brazzaville)
	Croatia
	Cuba
	Cyprus

	Czechia (Czech Republic)
	Democratic Republic of the Congo
	Denmark
	Djibouti
	Dominica
	Dominican Republic
	Ecuador
	El Salvador
	Equatorial Guinea
	Eritrea
	Estonia
	Eswatini (fmr. "Swaziland")
	Ethiopia
	Fiji
	Georgia
	Germany
	•
	Guinea
	Guinea-Bissau
	Guyana
	Haiti
	Holy See
	Honduras
	Hungary
	Iceland
	India
	Indonesia
	Iran
	Iraq
	Ireland
	Israel
	Kazakhstan
	Kenya
t J	INCHVA

Kiribati
Kuwait
Lebanon
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Marshall Islands
Mauritania
Mauritius
Mexico
Micronesia
Moldova
Monaco
Mongolia
Montenegro
Morocco
Mozambique
Myanmar (formerly Burma)
Namibia
Nauru
Nepal
Netherlands
New Zealand
Nicaragua
Niger
Nigeria
North Korea
North Macedonia
Norway
Oman
Pakistan
Palau
Palestine State

Panama
Papua New Guinea
Paraguay
Russia
Rwanda
Saint Kitts and Nevis
Saint Lucia
Saint Vincent and the Grenadines
San Marino
Sao Tome and Principe
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone
Singapore
Slovakia
Slovenia
Solomon Islands
Somalia
South Africa
South Korea
South Sudan
Spain
Sri Lanka
Sudan
Suriname
Sweden
Switzerland
Syria
Tajikistan
Tanzania
Thailand
Timor-Leste
Togo
Tonga
Trinidad and Tobago

	Tunisia
	Turkey
	Turkmenistan
	Tuvalu
	Uganda
	Ukraine
	United Arab Emirates
	United Kingdom
	United States of America
	Uruguay
	Uzbekistan
	Vanuatu
	Venezuela
	Vietnam
	Yemen
	Zambia
	Zimbabwe
case	nk you very much for completing this survey. If you are willing to be contacted in e of follow up questions please put your e-mail address in the field below. All tact details will be deleted upon the completion of the project. Email address