

Publishing Best Practices Webinar Series:

BEING EXPANSIVE: SHARING YOUR WORK IN WAYS YOU MAY NOT HAVE CONSIDERED

Presented by the Local Capacity Development Crosscutting Theme

01 December 2023

Feed the Future Innovation Lab for Livestock Systems

Presented in collaboration with the University of Florida Libraries



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Outline

Disseminating your findings

- **Why it is important**
 - Public good
 - Personal interest
- **Methods of sharing findings**
 - Presenting at conferences
 - Original research article
 - Brief report / Short communication
- **Other possible publications related to your work**
 - Study protocol
 - Literature review

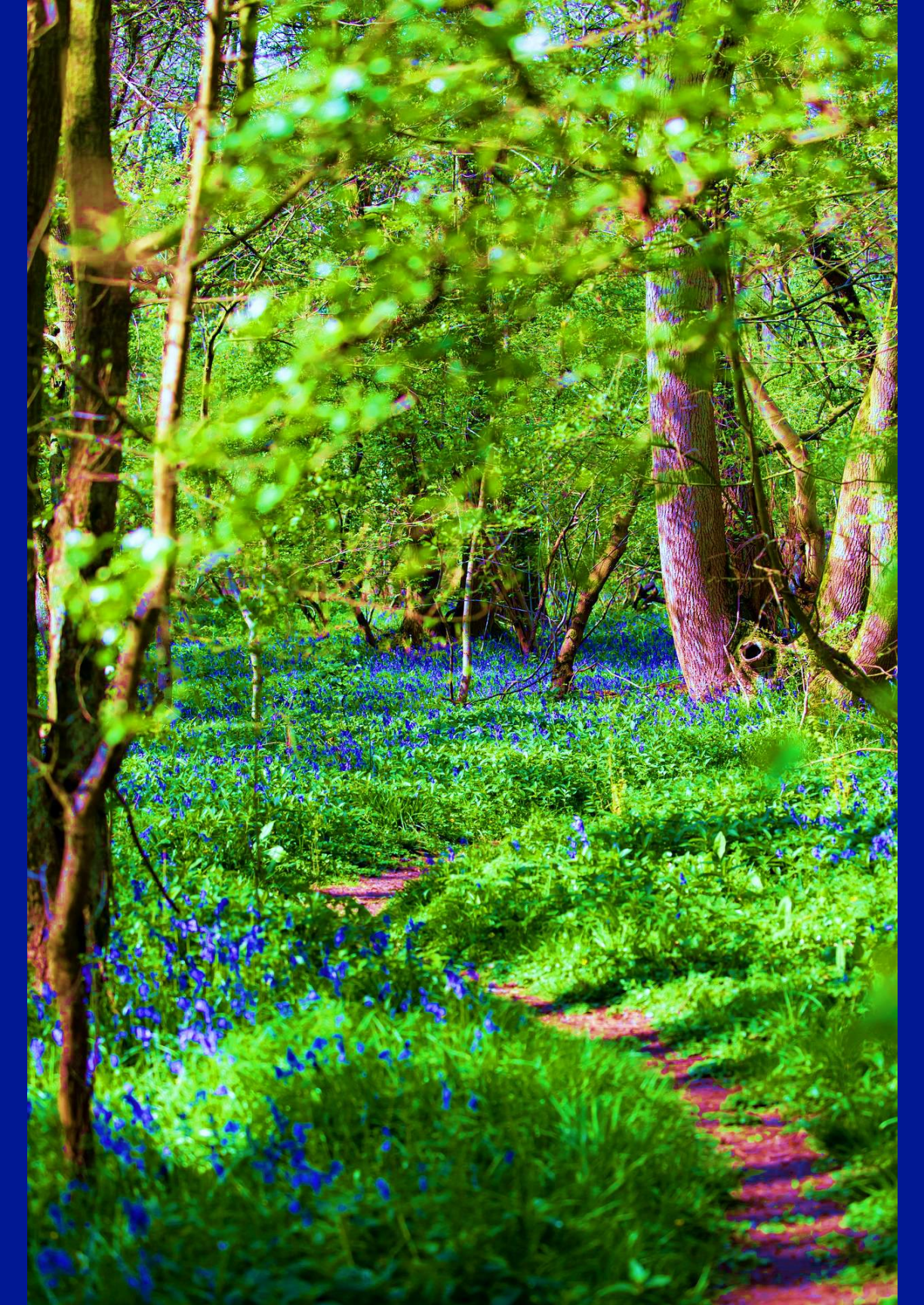


Image by [Kev](#) from [Pixabay](#)

Disseminating Your Findings

Why it is important

- **Research needs to reach others to have an impact**
- Positive findings can be further developed or implemented
- Sharing negative findings can save others from wasting time and other resources on dead ends
- **Funders expect researchers to publish**
- Some funders require publications to be made freely available to the public
- **Researchers are often assessed on publication metrics**
 - Number of publications
 - Citation counts



Disseminating Your Findings

What and where?

- **Presentations at conferences**
- **Articles in scholarly journals**
 - Original research articles
 - Brief reports / Short communications
 - Results from more limited original research
 - Study protocols
 - Literature reviews



Conference Presentations

Generally precedes publication of research article

- **Typical formats: posters and oral presentations**

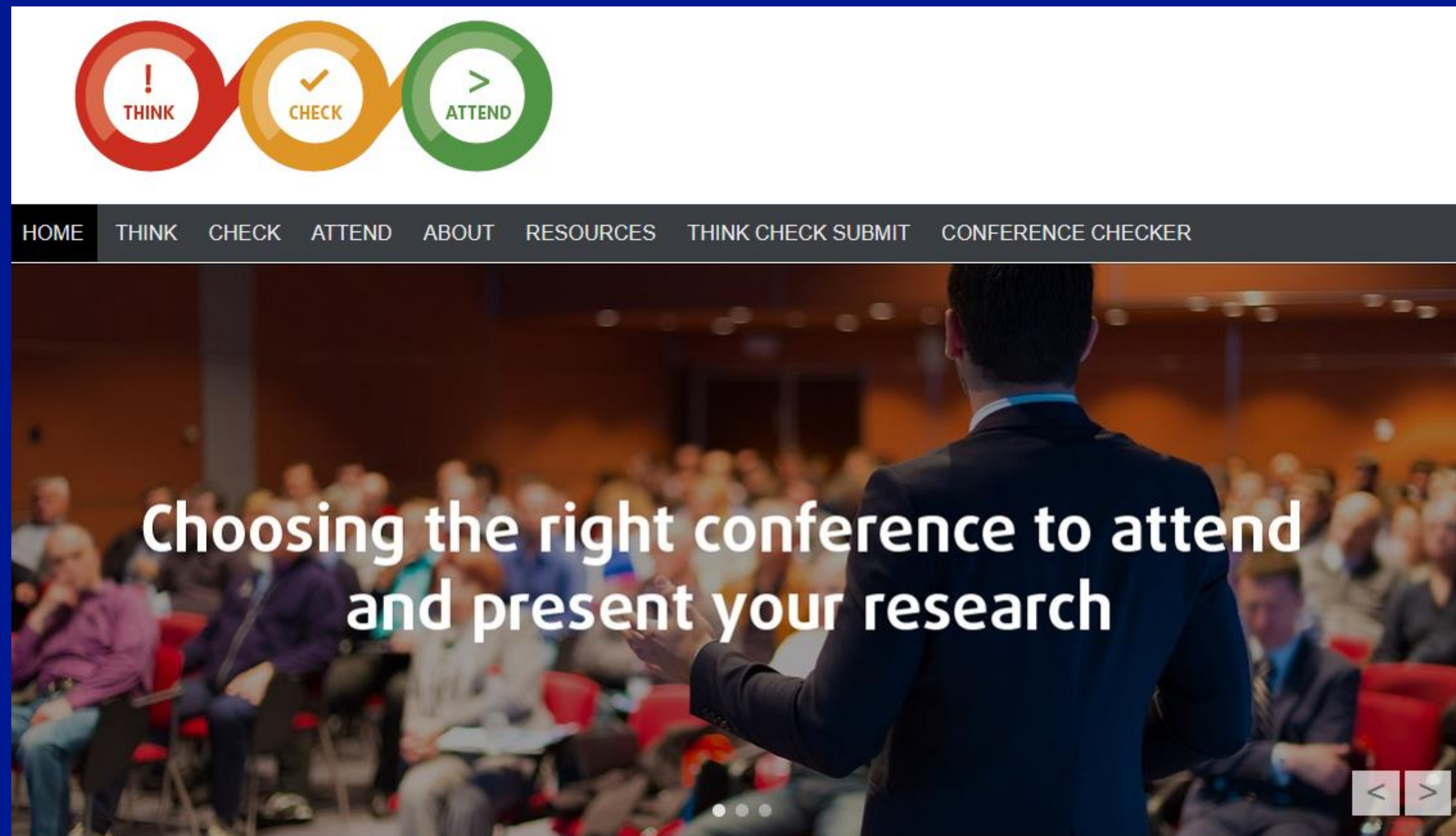
Identify relevant conferences that reach your audience

- **Look at conference website for scope and specific topics**
- **Look at call for abstracts for template or instructions**
- **Some also include a scoring rubric**
- **Abstracts of presentations are often published**
- **Consider using same authorship criteria you would use for an article**
- **Some journals require all authors named on a presentation abstract to be included on subsequent journal articles**
- **Avoid predatory conferences**
- **Think, Check, Attend**

How to avoid predatory conferences – Resource

Think, Check, Attend

- **Guide to choosing conferences**
- <https://thinkcheckattend.org/>



How to avoid predatory conferences – Resource

Think, Check, Attend

- **Checklist for assessing conferences**
 - Does the conference scope match your needs?
 - Have you or your colleagues attended before?
 - Are you aware of the society / association organizing the conference?
 - Have you read any papers or abstracts from this conference before?
 - Is the information presented clearly on the conference website?
 - Is it clear what fees will be charged?
 - Is the type of peer review stated?
 - Have you heard of editorial committee members?
 - Have you heard of keynote speakers?
 - Is it clear where proceedings will be published and indexed?
 - Does publisher belong to recognized industry organization (e.g., COPE, OASPA, DOAJ)?

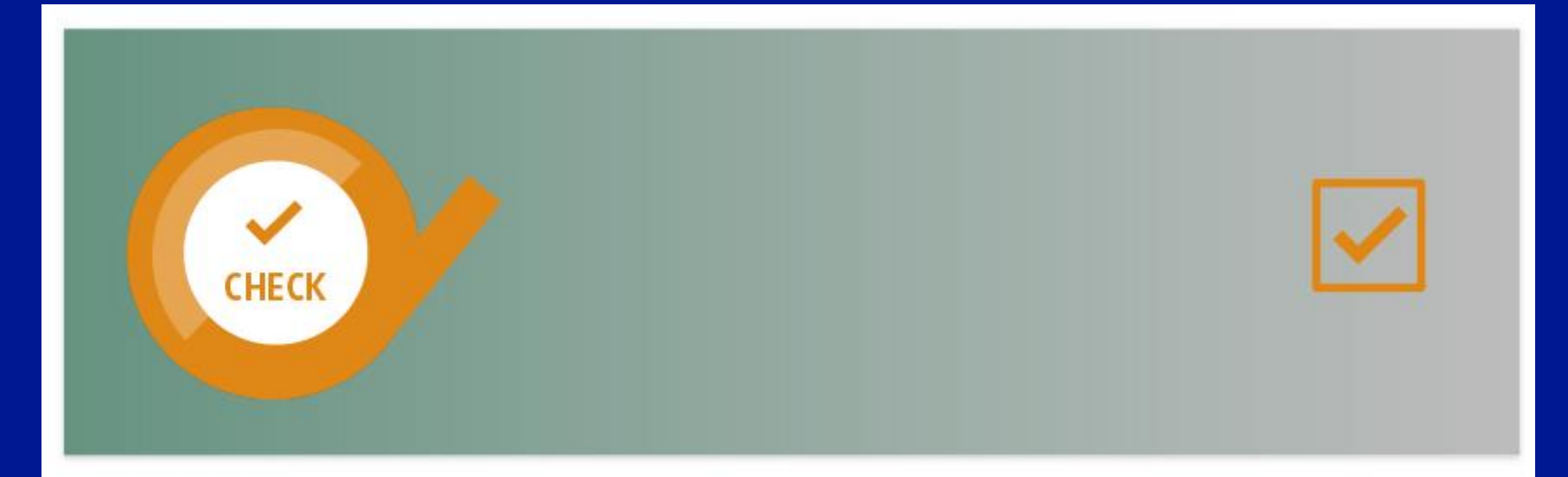


Image from <https://thinkcheckattend.org/check/>
retrieved 2023-11-20

Peer-reviewed Journal Articles

Gold standard

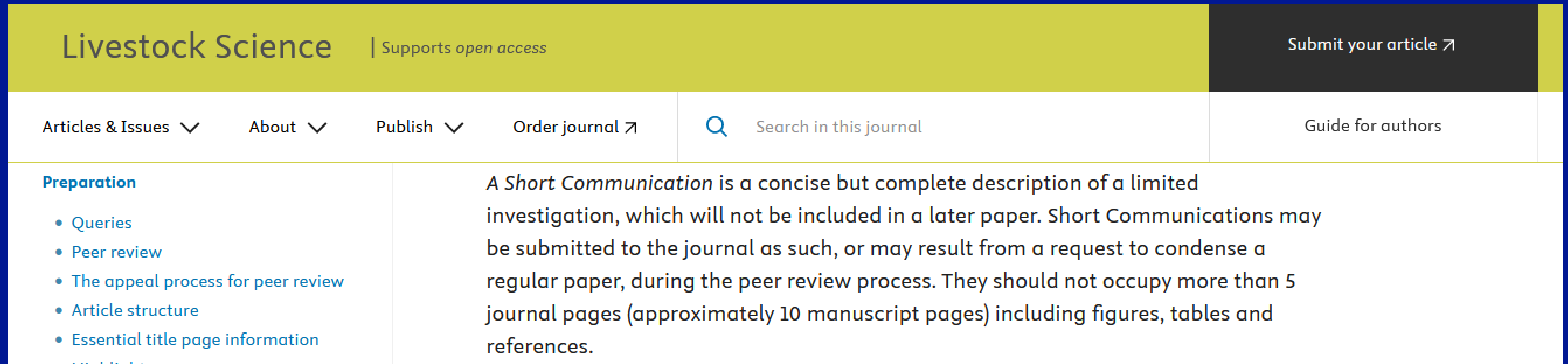
Types of articles

- **Original research articles**
 - Original research articles
 - Results of original research
 - **Brief reports / Short communications**
 - Complete description of a limited investigation
- **Study protocols**
 - Focus is on study methods
- **Literature reviews**
 - Different types of reviews include narrative, systematic

Brief Reports / Short Communications

What and why?

- Typically a short but complete description of a limited study
- Consider for papers on pilot studies, small sample size, etc.
- Limited word count compared to original research articles
 - e.g., *Livestock Science*: ≤ 5 journal pages (original research article allows up to 12 pages)



The screenshot shows the top navigation bar of the Livestock Science journal website. The main header is green with the journal name and a link to 'Submit your article'. Below this is a white navigation bar with links for 'Articles & Issues', 'About', 'Publish', and 'Order journal', along with a search bar and a 'Guide for authors' link. The main content area is white and features a 'Preparation' section with a list of links and a detailed paragraph about short communications.

Livestock Science | Supports open access

Submit your article ↗

Articles & Issues ▾ About ▾ Publish ▾ Order journal ↗ Search in this journal Guide for authors

Preparation

- Queries
- Peer review
- The appeal process for peer review
- Article structure
- Essential title page information
- Highlights

A *Short Communication* is a concise but complete description of a limited investigation, which will not be included in a later paper. Short Communications may be submitted to the journal as such, or may result from a request to condense a regular paper, during the peer review process. They should not occupy more than 5 journal pages (approximately 10 manuscript pages) including figures, tables and references.

Study Protocols

What and why?

- **Details the design and methods of a proposed study**
- **Published before the study is conducted**
- **Promotes transparency**
- **More detailed methods section than possible in most original research articles**
- **Promotes reproducibility**

Study Protocols

Where?

- **Dimensions** search for journals
- **Topic and “study protocol”**

Dimensions

DATA PRODUCTS & SERVICES WHO WE SERVE ABOUT DIMENSIONS RESOURCES CONTACT US

Linked research data from idea to impact

Dimensions data and solutions for discovery and analytics

ACCESS DIMENSIONS

GOVERNMENT FUNDERS PUBLISHERS ACADEMIC INSTITUTIONS PHARMA INDUSTRY

The world's largest linked research database

140m Publications	7m Grants	29m Datasets	263m Online Mentions	2m Policy Documents	810k Clinical Trials	158m Patents
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Image from <https://www.dimensions.ai/> retrieved 2023-11-20

Study Protocols

Where?

- Dimensions search
- Topic AND “study protocol”
- Look at Source Title for journals

The screenshot shows the Dimensions search results for the query "livestock AND study protocol". The interface includes a search bar at the top with the query and a search icon. Below the search bar, there are tabs for "PUBLICATIONS", "DATASETS", "GRANTS", and "PATENTS". The "PUBLICATIONS" tab is selected, showing 13,811 results. The search results are displayed in a list format, with each entry including the title, author(s), bibliographic reference, and a "Show abstract" button. The first result is "Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project" by Vera Silva, Abdallah Alaoui, Vivi Schlünssen, Anne Vested, Martien Graumans, Maurice van Dael, Marco Trevisan, Nicoleta Suci, ... (2021, PLOS ONE - Article). The second result is "The Livestock for Health Study: A Field Trial on Livestock Interventions to Prevent Acute Malnutrition Among Women and Children in Pastoralist Communities in Northern Kenya" by Samuel M. Thumbi, Josphat Muema, Nyamai Mutono, Joseph Njuguna, Christine Jost, Erin Boyd, Daniel Teweldeberhan, Immac... (2023, Food and Nutrition Bulletin - Article). The third result is "One Health approach for elimination of human anthrax in a tribal district of Odisha: Study protocol" by Debduitta Bhattacharya, Jaya Singh Kshatri, Hari Ram Choudhary, Debaprasad Parai, Jyoti Shandilya, Asit Mansingh, Matrujyoti P... (2021, PLOS ONE - Article). The fourth result is "Occupational Exposure Assessment and Seroprevalence of Brucella Specific Antibodies Among Veterinarians in the Northern Palestine" by Ibrahim Alzuheir, Hamzeh Al Zabadi, Muhammed Abu Helal (2022, Frontiers in Veterinary Science - Article). The fifth result is "Impacts of Antibiotic Residues in the Environment on Bacterial Resistance and Human Health in Eastern China: An Interdisciplinary Mixed-Methods Study Protocol" by Shenghan Cai, Na Wang, Like Xu, Fei Yan, Qingwu Jiang, Xinping Zhao, Wei Wang, Hexing Wang, Lufang Jiang, Wenjuan Cong, Sa... (2022, International Journal of Environmental Research and Public Health - Article). The sixth result is "Evaluating the efficacy of Mazao Tickoff (Metarhizium anisopliae ICPE 7) in controlling natural tick infestations on cattle in coastal Kenya: Study protocol for a randomized controlled trial" by Joseph Wang'ang'a Oundo, Daniel Masiga, Michael Nyang'anga Okal, Gebbienna M. Bron, Komivi S. Akutse, Sevgan Subramanian, ... (2022, PLOS ONE - Article). On the left side, there are filters for "PUBLICATION YEAR", "RESEARCHER", "RESEARCH CATEGORIES", and "PUBLICATION TYPE". The "SOURCE TITLE" filter is expanded, showing a list of source titles with their respective counts: Epidemiology (1,140), Tobacco Induced Diseases (958), Animals (403), PLOS ONE (297), Research Square (284), PLOS Neglected Tropical Diseases (128), Medicine & Science in Sports & Exercise (100), Parasites & Vectors (79), International Journal of Environmental Research (78), BMC Public Health (77), and International Journal of Molecular Sciences (77). A red box highlights this list. On the right side, there is a sidebar with "ANALYTICAL VIEWS" including "RESEARCH CATEGORIES", "OVERVIEW", "RESEARCHERS", and "SOURCE TITLES". The "SOURCE TITLES" option is circled in red. A green callout box points to the "ANALYTICAL VIEWS" section with the text "Analytical views for all titles".

Study Protocols

Where?

- **Dimensions search**
- **Topic AND “study protocol”**
- **Look at Source Title for journals**

The screenshot shows the Dimensions analytics interface. The search query is "livestock AND study protocol". The left sidebar shows filters for PUBLICATION YEAR, RESEARCHER, RESEARCH CATEGORIES, PUBLICATION TYPE, SOURCE TITLE, JOURNAL LIST, and OPEN ACCESS. The SOURCE TITLE filter is expanded, showing a list of source titles with their respective counts. A red callout box labeled "Source titles" points to the "SOURCE TITLES" section in the main content area. The main content area displays a table of source titles with columns for Name, Publications, Citations, and Citations mean.

Name	↓ Publications	Citations	Citations mean
Epidemiology	1,140	703	0.62
Tobacco Induced Diseases	958	346	0.36
Animals	403	855	2.12
PLOS ONE	297	7,257	24.43
Research Square	284	70	0.25
PLOS Neglected Tropical Diseases	128	3,688	28.81
Medicine & Science in Sports & Exercise	100	25	0.25
Parasites & Vectors	79	1,929	24.42
International Journal of Environmental Research and P...	78	835	10.71
BMC Public Health	77	1,683	21.86
International Journal of Molecular Sciences	77	387	5.03
Encyclopedia of the UN Sustainable Development Goals	75	28	0.37
Equine Veterinary Journal	73	187	2.56
Scientific Reports	69	1,233	17.87

Study Protocols

Where?

- **Dimensions search**
- **Topic AND “study protocol”**
- **Look at Source Title for journals**

The screenshot displays the Dimensions analytics interface for the search query "livestock AND study protocol". The interface includes a search bar, navigation tabs for "ANALYTICAL VIEWS" and "PUBLICATIONS", and a sidebar with filter options such as "PUBLICATION YEAR", "RESEARCHER", "RESEARCH CATEGORIES", "PUBLICATION TYPE", "SOURCE TITLE", "JOURNAL LIST", and "OPEN ACCESS". The "RESEARCH CATEGORIES" section is highlighted with a red arrow and a red box labeled "Research Categories". The main content area shows a table of research categories related to the search, with columns for Name, Publications, Citations, and Citations mean.

Name	↓ Publications	Citations	Citations mean
Health Sciences 42	3,961	40,640	10.26
Biomedical and Clinical Sciences 32	3,823	87,714	22.94
Public Health 4206	2,878	18,573	6.45
Agricultural, Veterinary and Food Sciences 30	2,578	30,028	11.65
Biological Sciences 31	2,165	38,329	17.70
Clinical Sciences 3202	1,661	37,650	22.67
Epidemiology 4202	1,350	6,458	4.78
Veterinary Sciences 3009	1,129	12,445	11.02

Image from https://app.dimensions.ai/analytics/publication/for/aggregated?search_mode=content&search_text=livestock%20AND%20%22study%20protocol%22&search_type=kws&search_field=full_search retrieved 2023-11-20

Study Protocols

Where?

- Dimensions search
- Topic AND “study protocol”
- Look at Source Title for journals

The screenshot shows the Dimensions search interface. The search criteria are '30 Agricultural, Veterinary and ... Fields of Research (ANZSRC 2020)' and 'livestock AND "study protocol"'. The 'SOURCE TITLES' filter is selected, and the results are displayed in a table. A green callout box points to the 'SOURCE TITLES' filter and the resulting list of journals.

Name	↓ Publications	Citations	Citations mean
Animals	364	789	2.17
PLOS ONE	87	1,875	21.55
Research Square	80	17	0.21
Equine Veterinary Journal	73	187	2.56
Journal of Dairy Science	67	1,496	22.33
Frontiers in Veterinary Science	61	861	14.11
Veterinary Sciences	57	151	2.65
Preventive Veterinary Medicine	55	1,338	24.33
BMC Veterinary Research	46	798	17.35
Nature Food	44	574	13.05
Veterinary Parasitology	42	1,309	31.17
Tropical Animal Health and Production	40	320	8.00
Agriculture	39	134	3.44
Poultry Science	33	332	10.06

Image from

https://app.dimensions.ai/analytics/publication/source_title/aggregated?search_mode=content&search_text=livestock%20AND%20%22study%20protocol%22&search_type=kws&search_field=full_search&and_facet_for=80001 retrieved 2023-11-20

Study Protocols

Where?

- Dimensions search
- Topic AND “study protocol”
- Look at Source Title for journals

The screenshot shows the Dimensions search interface. The search query is "livestock AND study protocol". The results are filtered by "30 Agricultural, Veterinary and Food Sciences". The interface includes a sidebar with filters, a main results area with publication details, and an analytical views section on the right.

Dimensions Search: **livestock AND "study protocol"**

FILTERS

- PUBLICATION YEAR
- RESEARCHER
- RESEARCH CATEGORIES
 - FIELDS OF RESEARCH (ANZSRC) Browse
 - 30 Agricultural, Veterinary and Food Sciences 2,578
 - 3009 Veterinary Sciences 1,129
 - 3003 Animal Production 1,011
 - 31 Biological Sciences 557
 - 3006 Food Sciences 298
 - 3109 Zoology 259
 - 32 Biomedical and Clinical Sciences 167
 - 3107 Microbiology 95
 - 3004 C... 3002 Agriculture, Land and Farm Management
 - 3002 Agriculture, Land and Farm Management 76
 - 41 Environmental Sciences 76
- SUSTAINABLE DEVELOPMENT GOALS
- PUBLICATION TYPE

PUBLICATIONS 2,578

Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project
Vera Silva, Abdallah Alaoui, Vivi Schlünssen, Anne Vested, Martien Graumans, Maurice van Dael, Marco Trevisan, Nicoleta Suci, ... 2021, PLOS ONE - Article

Occupational Exposure Assessment and Seroprevalence of Brucella Specific Antibodies Among Veterinarians in the Northern Palestine
Ibrahim Alzuheir, Hamzeh Al Zabadi, Muhammed Abu Helal 2022, Frontiers in Veterinary Science - Article

Evaluating the efficacy of Mazao Tickoff (Metarhizium anisopliae ICPE 7) in controlling natural tick infestations on cattle in coastal Kenya: Study protocol for a randomized controlled trial
Joseph Wang'ang'a Oundo, Daniel Masiga, Michael Nyang'anga Okal, Gebbiena M. Bron, Komivi S. Akutse, Sevgan Subramanian, ... 2022, PLOS ONE - Article

ANALYTICAL VIEWS

RESEARCH CATEGORIES

30 Agricultural, Veterinary and Food Sciences	2,578
3009 Veterinary Sciences	1,129
3003 Animal Production	1,011
31 Biological Sciences	557
3006 Food Sciences	298

OVERVIEW

Citations: 30 K, Citations (Mean): 11.65

RESEARCHERS

Bei-Ping Tan, Guangdong Ocean University, China 13

Can narrow down more if still too broad

Study Protocols

How?

- Check journal for any requirements
- e.g., PLOS ONE

SPIRIT
schedule and
checklist if
Clinical Trial

Style and Format	Study Protocols
Manuscript Organization	Study Protocols describe plans for conducting research projects and consist of a single article on <i>PLOS ONE</i> .
Parts of a Submission	Study Protocols must comply with the <i>PLOS ONE</i> general submission guidelines (detailed above in this article) and any guidelines specific to the related research study type. In addition, the protocol must:
Additional Information Requested at Submission	<ul style="list-style-type: none">› Relate to a research study that has not yet generated results.› Be submitted before recruitment of participants or collection of data for the study is complete.› Meet the same standards for ethics of experimentation and research integrity as the research study. If it involves human or animal subjects, cell lines or field sampling, or has potential biosafety implications, prior approval from the relevant ethics body must be obtained prior to submission. Please contact us if you have a valid reason for not obtaining approval.
Guidelines for Specific Study Types	Additional prerequisites apply for these study types:
You may be eligible for APC support	<ul style="list-style-type: none">› Clinical trials:<ul style="list-style-type: none">› The trial must be registered prior to submission of your protocol in one of the publicly accessible registries approved by the WHO or ICMJE (International Committee of Medical Journal Editors).› The name of the registry and the trial or study registration number must be included in the Abstract.› A copy of the protocol that was approved by the ethics committee must be submitted as a supplementary information file. Please provide an additional English translation if the original document is not in English. Please note that the protocol will be published with the manuscript if accepted.› A SPIRIT schedule of enrollment, interventions, and assessments must be included as the manuscript's Figure 1, and a completed SPIRIT checklist must be uploaded as Supporting Information file S1.› Systematic reviews and meta-analyses:<ul style="list-style-type: none">› A completed PRISMA-P checklist must be provided as a supporting information (SI) file. See PRISMA-P Explanation and Elaboration for more information on completing your checklist.

Study Protocols

How?

- Check journal for requirements
- e.g., PLOS ONE

PLOS ONE
sample Study
Protocol
template

Guidelines for Specific Study Types

Registered Reports
Human subjects research
Clinical trials
Lab Protocols
Study Protocols
Animal research
Observational and field studies
Paleontology and archaeology research
Systematic reviews and meta-analyses
Meta-analysis of genetic association studies
Personal data from third-party sources

Cell lines
Blots and gels
Antibodies
Small and macromolecule crystal data
Methods, software, databases, and tools
New taxonomic names
Qualitative research

You may be eligible for APC support

Study Protocols must also comply with general *PLOS ONE* [criteria for publication](#) and in addition you should:

- › include the word "Protocol" in your Title.
- › include a detailed description of the planned study in the Materials and Methods section. This should provide sufficient methodological detail for the protocol to be reproducible and replicable. Your description should cover all relevant and applicable facts and hypothesis, including:
 - › the aim, design, and setting
 - › the sample size calculation
 - › how data saturation will be determined (for qualitative studies)
 - › the characteristics of participants e.g., inclusion and exclusion criteria, sample selection criteria, variables to be measured, randomization and blinding criteria (where applicable), and how informed consent will be obtained
 - › how materials will be selected and used e.g., where and how they will be sourced, the processes, interventions, or comparisons to be used, the outcomes to be measured, and when and how they will be measured
 - › the data management plan
 - › safety considerations
 - › the type of data and statistical analyses to be used
 - › the status and timeline of the study, including whether participant recruitment or data collection has begun
 - › where and when the data will be made available. See our [Data Availability policy](#) for more.
- › include an analysis of preliminary or pilot data, only if it is necessary to support the feasibility of the study or as a proof of principle. This is optional.
- › we encourage authors you to register with [OSF](#) and provide the your registration number in the Materials and Methods section. This is optional.
- › optionally add any other SI files, figures or tables that elaborate or authenticate the protocol: e.g., any reporting checklists applicable to your study type.

Read the [supporting information guidelines](#) for more details about adding SI files.

 Download [our sample Study Protocol template](#) or an OSF [discipline or study-specific template](#).

Study Protocols

How?

- **SPIRIT (Standard Protocol Items: Recommendations for Interventional Trials)**
- For clinical trial protocols

GUIDANCE FOR CLINICAL TRIAL PROTOCOLS

SPIRIT (Standard Protocol Items: Recommendations for Interventional Trials)

The [SPIRIT 2013 Statement](#) provides evidence-based recommendations for the minimum content of a clinical trial protocol. SPIRIT is widely endorsed as an international standard for trial protocols.

The recommendations are outlined in a [33-item checklist](#) and [figure](#). Each checklist item is detailed in the [Explanation & Elaboration](#) paper.

Key Documents

- [SPIRIT Statement](#)
- [Explanation and Elaboration](#)
- [Checklist](#)

Potential Issue

Text recycling aka self-plagiarism

- **Same text appearing in more than one of an author's own articles**
- Common issue, especially with use of plagiarism detection software
- Opinions vary as to whether this is an acceptable practice
- COPE has guidelines that summarize the key points to consider
 - The amount of text recycled
 - The section of the article where the recycling occurred
 - Intro: sometimes unavoidable
 - Methods: not uncommon
 - Results: almost always unacceptable
 - Discussion: some amount may be acceptable; however, focus should be on putting current results in context of the existing literature
 - Whether the original article containing the recycled text was cited

Literature Reviews

What and why?

- **An overview and synthesis of the existing research on a topic**
- **Many different types**
 - **Narrative review**
 - Consider adapting from grant proposal, dissertation
 - **Systematic review**
 - Most rigorous
- **Conducting a literature review enhances your knowledge base**
- **Publishing a high-quality review demonstrates that you are well versed in the literature in the subject area**
 - Can be useful in future grant applications

Literature Reviews

Where?

- **Many journals publish review articles**
- **Some by invitation only**
- **Check journal before submitting**
- **e.g., *Livestock Science***

The screenshot shows the Livestock Science journal website. The header includes the journal name and a 'Submit your article' button. The navigation menu has 'Articles & Issues', 'About', 'Publish', and 'Order journal'. A search bar is also present. The 'Publish' dropdown menu is open, showing a list of topics including 'Use of inclusive language', 'Reporting sex- and gender-based analyses', 'Author contributions', 'Changes to authorship', 'Copyright', 'Role of the funding source', 'Open access', and 'Submission'. The 'Guide for authors' page content is visible, detailing the requirements for review articles.

Livestock Science | Supports open access

Submit your article ↗

Articles & Issues ▾ About ▾ Publish ▾ Order journal ↗

Search in this journal

Guide for authors

- Use of inclusive language
- Reporting sex- and gender-based analyses
- Author contributions
- Changes to authorship
- Copyright
- Role of the funding source
- Open access
- Submission

Review Articles should cover subjects falling within the scope of the journal which are of active current interest. Reviews will often be invited, but submitted reviews will also be considered for publication. All reviews will be subject to the same peer review process as applies for original papers. They should not occupy more than 12 Journal pages. (Occasionally the Editor will invite an author to submit a review; such commissioned reviews should be submitted using the Invited Reviews article category in the e-submission process.)

Literature Reviews

How?

- **PRISMA (Preferred Reporting Items for Systematic reviews and Meta-Analyses)**
- **For systematic reviews**
- **Required by some journals**
- **e.g., *Journal of Dairy Science***

Requires completed checklist

The screenshot shows the website for the American Dairy Science Association (ADSA). The header includes the ADSA logo and navigation links for Membership, Publications, Meetings, Foundation, and About ADSA. A search icon and a LOGIN button are also present. The main heading reads "REPORTING CHECKLISTS FOR JOURNAL OF DAIRY SCIENCE® AND JDS COMMUNICATIONS®". Below this, a breadcrumb trail indicates "Publications > Journal of Dairy Science > jds authors". The main content area explains that reporting checklists are required for the *Journal of Dairy Science* and *JDS Communications* to ensure clear and complete reporting. It lists several checklists under the heading "ANIMAL STUDIES": REFLECT (Reporting Guidelines for Randomized Controlled Trials in Livestock and Food Safety), ARRIVE (Animal Research: Reporting of In Vivo Experiments), PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses), STROBE-Vet (Strengthening the Reporting of Observational Studies in Epidemiology - Veterinary Extension), and MERIDIAN (Menagerie of Reporting guidelines involving Animals links to manually fillable checklists). Under "NON-ANIMAL STUDIES", it lists "Non-Animal Studies Reporting" with a note to download, fill, save, and upload with the manuscript. A red box labeled "PRISMA" is connected to the PRISMA checklist entry by a red line.

Literature Reviews

How?

- **PRISMA (Preferred Reporting Items for Systematic reviews and Meta-Analyses)**
- From [Equator Network](#)

The screenshot shows the Equator Network website. The header includes the logo, the tagline "Enhancing the QUALity and Transparency Of health Research", and a "Website translation help" link. A navigation menu contains links for Home, About us, Library, Toolkits, Courses & events, News, Blog, Librarian Network, and Contact. The breadcrumb trail is "Home > Library > Reporting guideline > The PRISMA 2020 statement: An updated guideline for reporting systematic reviews". A search bar is present with the text "Search for reporting guidelines". Below the search bar, a message says "Use your browser's Back button to return to your search results". The main content area features a search result for "The PRISMA 2020 statement: An updated guideline for reporting systematic reviews". To the right, a sidebar titled "Reporting guidelines for main study types" lists various study types and their corresponding reporting guidelines.

equator network Enhancing the QUALity and Transparency Of health Research Website translation help

Home About us Library Toolkits Courses & events News Blog Librarian Network Contact

Home > Library > Reporting guideline > The PRISMA 2020 statement: An updated guideline for reporting systematic reviews

Search for reporting guidelines

Use your browser's Back button to return to your search results

The PRISMA 2020 statement: An updated guideline for reporting systematic reviews

Reporting guideline provided for? (i.e. exactly what the authors state in the paper)

Reporting systematic reviews and meta-analyses.

[PRISMA 2020 checklist \(Word\)](#) [PRISMA 2020 checklist \(PDF\)](#)

[PRISMA 2020 expanded checklist \(PDF\)](#)

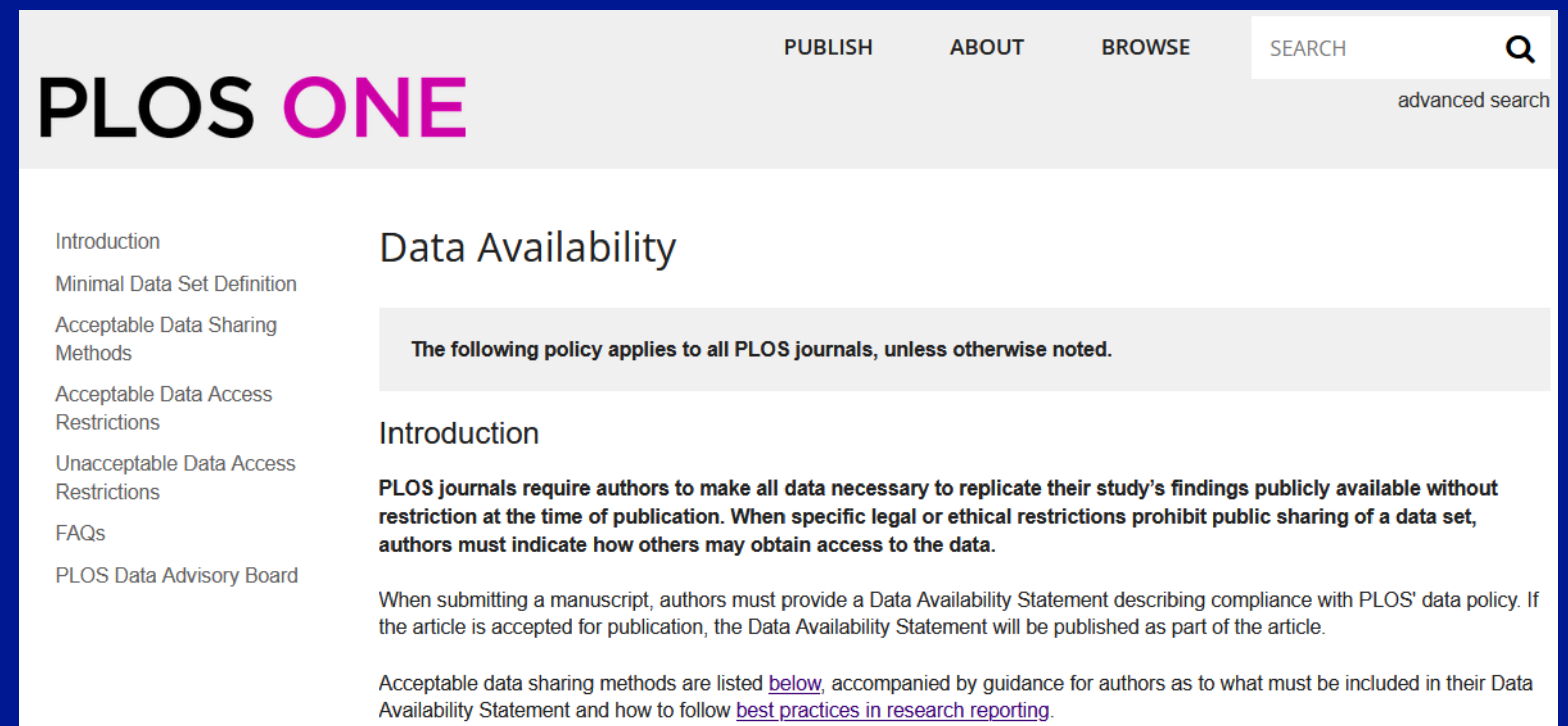
Reporting guidelines for main study types

Randomised trials	CONSORT	Extensions
Observational studies	STROBE	Extensions
Systematic reviews	PRISMA	Extensions
Study protocols	SPIRIT	PRISMA-P
Diagnostic/prognostic studies	STARD	TRIPOD
Case reports	CARE	Extensions
Clinical practice guidelines	AGREE	RIGHT
Qualitative		

Data

What and why?

- **Dataset required to replicate all findings that were reported**
- **Includes metadata**
- **Promotes transparency**
- **Required by some funders**
 - e.g., National Institutes of Health
- **Encouraged by some journals**
 - e.g., *Livestock Science*
- **Required by some journals**
 - e.g., *PLOS*



The screenshot shows the PLOS ONE website's Data Availability page. The header includes navigation links for PUBLISH, ABOUT, BROWSE, and a SEARCH box with an advanced search option. The main content area is titled "Data Availability" and features a grey box stating: "The following policy applies to all PLOS journals, unless otherwise noted." Below this, the "Introduction" section states: "PLOS journals require authors to make all data necessary to replicate their study's findings publicly available without restriction at the time of publication. When specific legal or ethical restrictions prohibit public sharing of a data set, authors must indicate how others may obtain access to the data." Further down, it explains that authors must provide a Data Availability Statement upon manuscript submission. A sidebar on the left lists various resources: Introduction, Minimal Data Set Definition, Acceptable Data Sharing Methods, Acceptable Data Access Restrictions, Unacceptable Data Access Restrictions, FAQs, and PLOS Data Advisory Board.

Data

Where?

- **Data repositories**
- e.g. PLOS participating repositories

Open Data is more discoverable and accessible than ever

Deposit your data in a repository and earn an Accessible Data icon



You already know depositing research data in a repository yields benefits like improved reproducibility, discoverability, and more attention and citations for your research.

PLOS helps to magnify these benefits even further with our Accessible Data icon. When you link to select, popular data repositories, your article earns an eye-catching graphic with a link to the associated dataset, so it's more visible to readers.

Participating data repositories include:

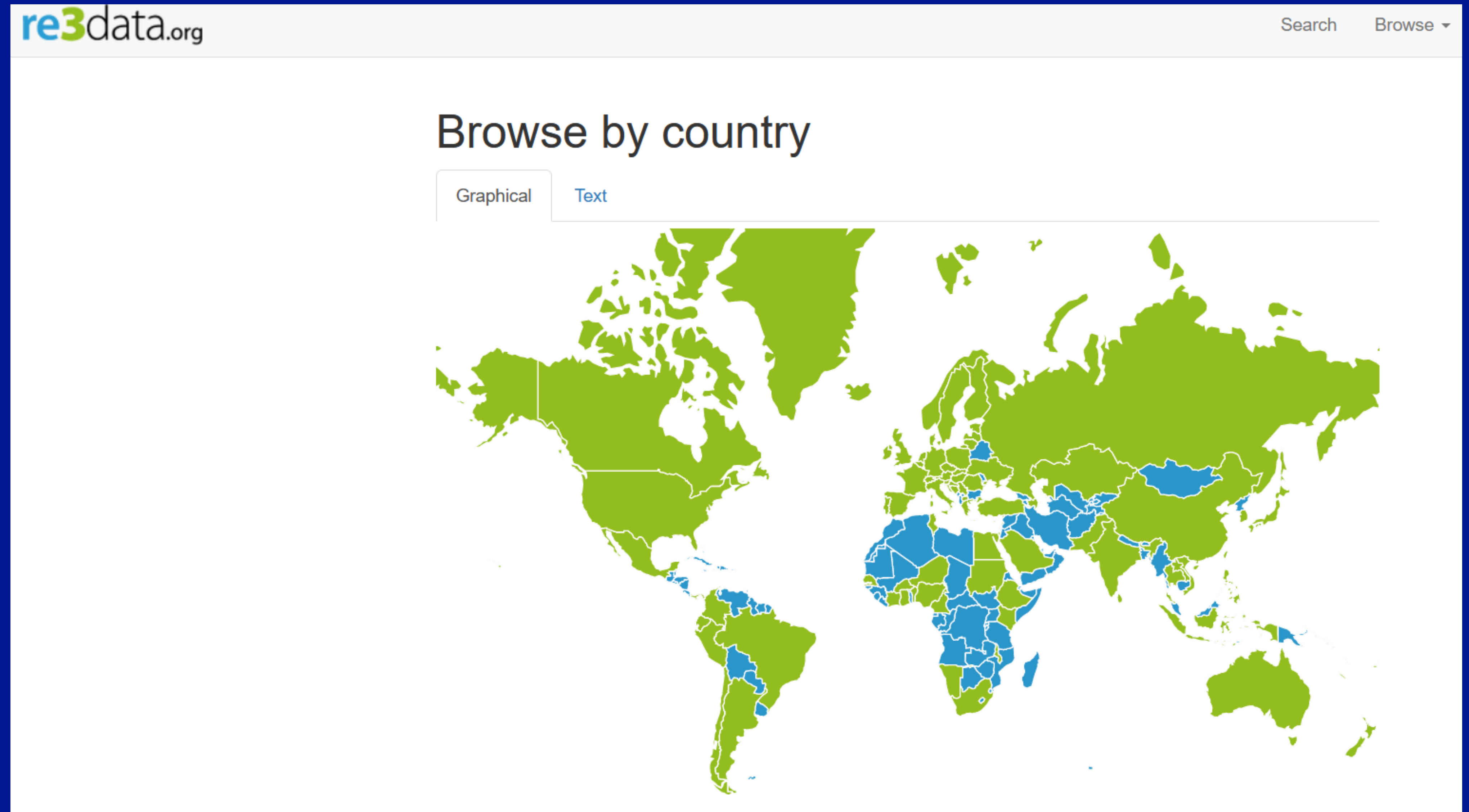
- ✓ [Dryad](#)
- ✓ [Figshare](#)
- ✓ [Open Science Framework \(OSF\)](#)
- ✓ [Github](#)
- ✓ [Zenodo](#)
- ✓ [Gene Expression Omnibus](#)
- ✓ [NCBI Bioproject](#)
- ✓ [NCBI Sequence Read Archive](#)
- ✓ [Demographic and Health Surveys](#)

We aim to add more repositories to the list in future. [Read more](#)

Data

Where?

- **Data repositories**
- **e.g. re3data**



Data

Where?

- Data repositories
- e.g. re3data

re3data.org

Browse by country

Graphical Text

International (283)

- Argentina (9)
- Australia (103)
- Austria (45)
- Azerbaijan (1)
- Belgium (38)
- Benin (2)
- Burkina Faso (3)
- Bosnia and Herzegovina (1)
- Brazil (19)
- Canada (396)
- Switzerland (84)
- Chile (6)
- China (81)
- Cote d'Ivoire (1)
- Cameroon (1)
- Colombia (14)
- Cyprus (2)
- Czech Republic (12)
- Germany (505)
- Denmark (27)
- Ecuador (1)
- European Union (288)
- Egypt (1)
- Spain (56)
- Estonia (10)
- Ethiopia (1)
- Finland (13)
- Fiji (1)
- France (130)
- United Kingdom (322)
- Ghana (2)
- Greece (12)
- Greenland (3)
- Hong Kong (4)
- Croatia (4)
- Hungary (7)

Burkina Faso (3)

Ethiopia (1)

- Indonesia (4)
- India (51)
- Ireland (9)
- Iceland (3)
- Israel (10)
- Italy (50)
- Japan (66)
- Kazakhstan (1)
- Kenya (6)
- Korea, Republic of (13)
- Lao People's Democratic Republic (1)
- Lebanon (2)
- Sri Lanka (1)
- Lithuania (5)
- Luxembourg (3)
- Latvia (3)
- Mexico (18)
- Macedonia, the former Yugoslav Republic of (1)
- Malawi (1)
- Namibia (1)
- New Caledonia (1)
- Niger (1)
- Nigeria (1)
- Netherlands (78)
- Norway (31)
- New Zealand (14)
- Pakistan (1)
- Panama (2)
- Peru (3)
- Philippines (1)
- Poland (26)
- Portugal (16)
- French Polynesia (1)
- Romania (2)
- Russian Federation (23)
- Saudi Arabia (1)
- Sudan (1)
- Senegal (1)
- Singapore (8)
- Serbia (10)
- Slovakia (3)
- Slovenia (4)

Kenya (6)

Niger (1)

- Sweden (29)
- Thailand (2)
- Tunisia (1)
- Turkey (5)
- Taiwan (12)
- Ukraine (2)
- United States (1173)
- Viet Nam (1)
- South Africa (19)

Data

Where?

- **Data repositories**
- **e.g. re3data**

re3data.org

c. Agriculture, Forestry, Horticulture and Veterinary Medicine

I. Agriculture, Forestry, Horticulture and Veterinary Medicine

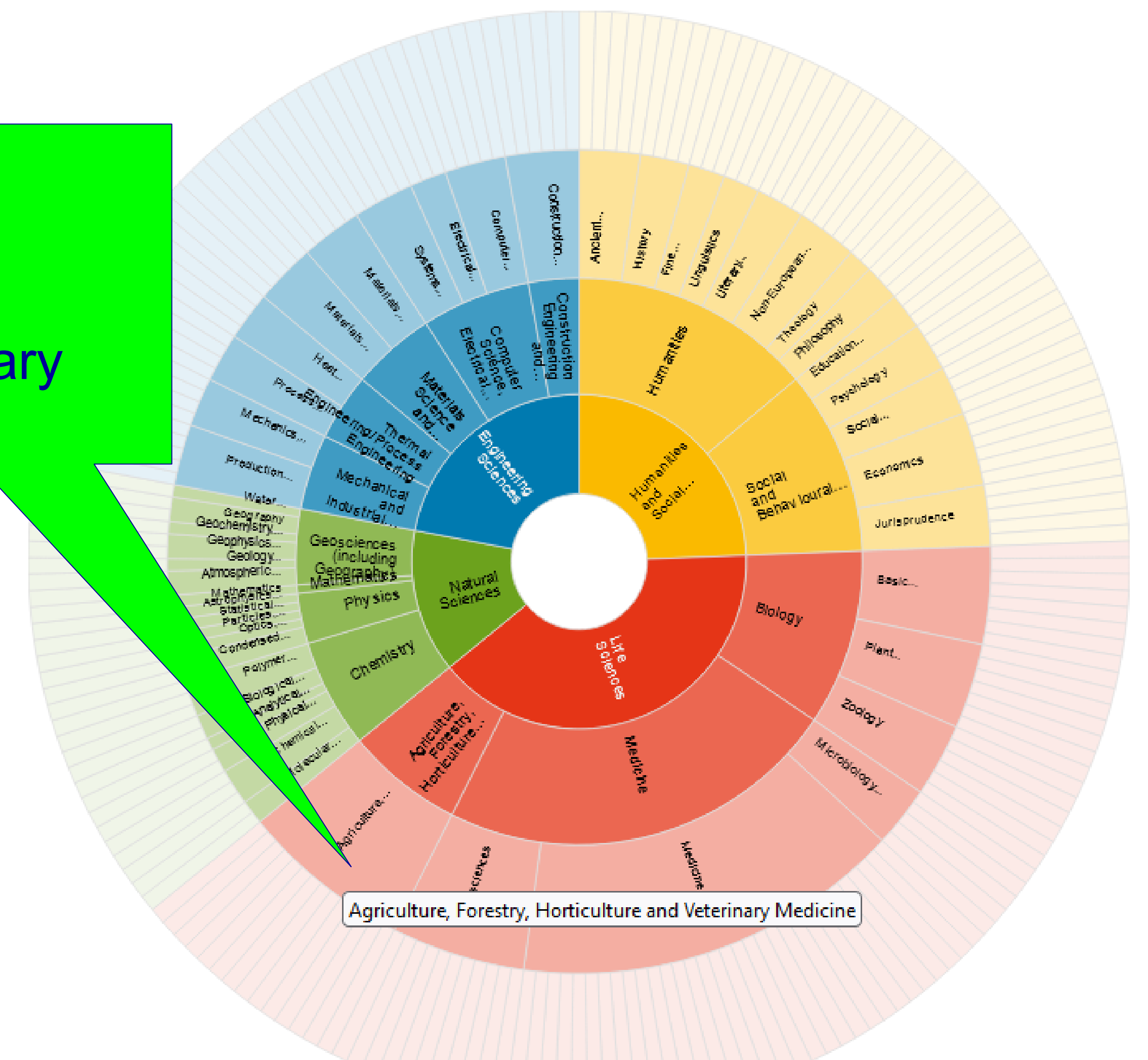
1. Soil Sciences
2. Plant Cultivation
3. Plant Nutrition
4. Ecology of Agricultural Landscapes
5. Plant Breeding
6. Phytomedicine
7. Agricultural and Food Process Engineering
8. Agricultural Economics and Sociology
9. Inventory Control and Use of Forest Resources
10. Basic Forest Research
11. Animal Husbandry, Breeding and Hygiene
12. Animal Nutrition and Nutrition Physiology
13. Basic Veterinary Medical Science
14. Basic Research on Pathogenesis, Diagnostics and Therapy and Clinical Veterinary Medicine

Agriculture,
Forestry,
Horticulture
and Veterinary
Medicine

Browse by subject

Graphical Text

click to zoom into subjects or to select a bottommost subject in the hierarchy as filter for the re3data search page
shift + click on a top subject to select it as filter



Data Repositories – Resource

Data repository advice from NIH

Desirable Characteristics for All Data Repositories

When choosing a repository to manage and share data resulting from Federally funded research, here are some desirable characteristics to look for:

- **Unique Persistent Identifiers:** Assigns datasets a citable, unique persistent identifier, such as a digital object identifier (DOI) or accession number, to support data discovery, reporting, and research assessment. The identifier points to a persistent landing page that remains accessible even if the dataset is de-accessioned or no longer available.
- **Long-Term Sustainability:** Has a plan for long-term management of data, including maintaining integrity, authenticity, and availability of datasets; building on a stable technical infrastructure and funding plans; and having contingency plans to ensure data are available and maintained during and after unforeseen events.
- **Metadata:** Ensures datasets are accompanied by metadata to enable discovery, reuse, and citation of datasets, using schema that are appropriate to, and ideally widely used across, the community(ies) the repository serves. Domain-specific repositories would generally have more detailed metadata than generalist repositories.
- **Curation and Quality Assurance:** Provides, or has a mechanism for others to provide, expert curation and quality assurance to improve the accuracy and integrity of datasets and metadata.
- **Free and Easy Access:** Provides broad, equitable, and maximally open access to datasets and their metadata free of charge in a timely manner after submission, consistent with legal and ethical limits required to maintain privacy and confidentiality, Tribal sovereignty, and protection of other sensitive data.
- **Broad and Measured Reuse:** Makes datasets and their metadata available with broadest possible terms of reuse; and provides the ability to measure attribution, citation, and reuse of data (i.e., through assignment of adequate metadata and unique PIDs).
- **Clear Use Guidance:** Provides accompanying documentation describing terms of dataset access and use (e.g., particular licenses, need for approval by a data use committee).
- **Security and Integrity:** Has documented measures in place to meet generally accepted criteria for preventing unauthorized access to, modification of, or release of data, with levels of security that are appropriate to the sensitivity of data.
- **Confidentiality:** Has documented capabilities for ensuring that administrative, technical, and physical safeguards are employed to comply with applicable confidentiality, risk management, and continuous monitoring requirements for sensitive data.
- **Common Format:** Allows datasets and metadata downloaded, accessed, or exported from the repository to be in widely used, preferably non-proprietary, formats consistent with those used in the community(ies) the repository serves.
- **Provenance:** Has mechanisms in place to record the origin, chain of custody, and any modifications to submitted datasets and metadata.
- **Retention Policy:** Provides documentation on policies for data retention within the repository.

Recap

Disseminating your findings

- **Why it is important**
 - Research needs to reach people to have impact
- **Methods of sharing findings**
 - Presenting at conferences
 - Original research article; Brief report / Short communication
- **Other possible publications related to your work**
 - Study protocol
 - Literature review

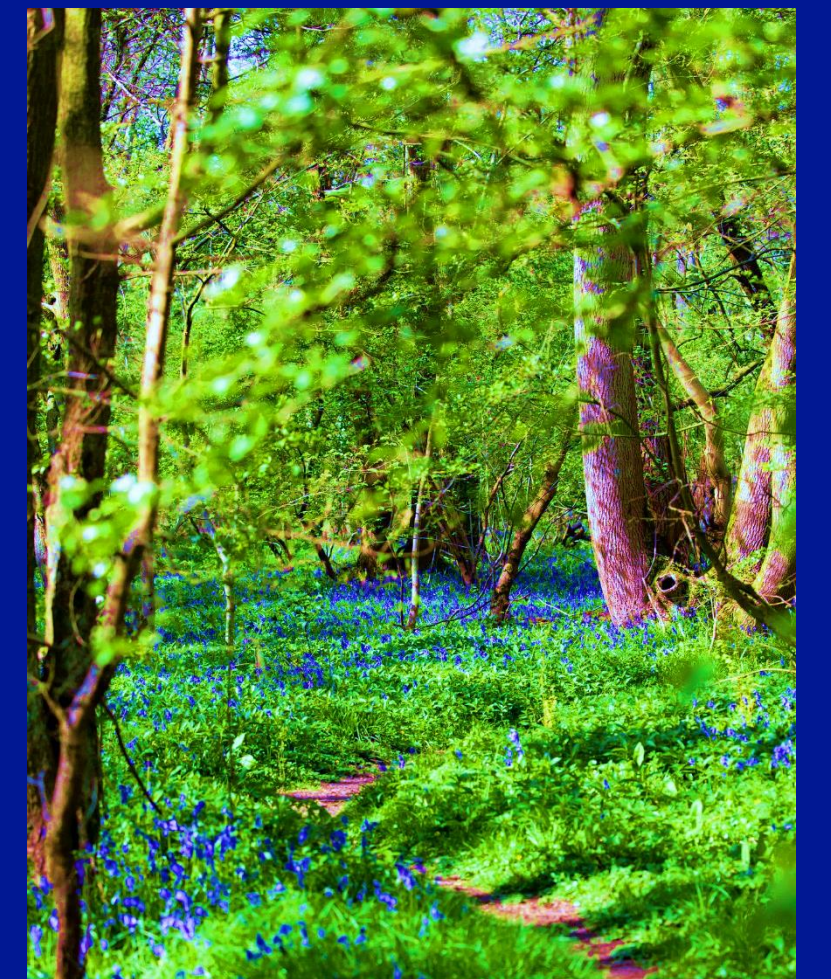


Image by [Key](#) from [Pixabay](#)



Image by [Hands off my tags! Michael Gaida](#) from [Pixabay](#)

Resources

Think, Check, Attend. <https://thinkcheckattend.org/>

Equator-Network. <https://www.equator-network.org/reporting-guidelines/prisma/>

PLOS ONE. <https://journals.plos.org/plosone/s/submission-guidelines#loc-study-protocols;>
<https://journals.plos.org/plosone/s/data-availability>

Livestock Science: <https://www.elsevier.com/journals/livestock-science/1871-1413/guide-for-authors>

Journal of Dairy Science: <https://www.journalofdairyscience.org/pb-assets/Health%20Advance/journals/jods/JODS-Instruct-for-Contributors-2023-Policies-1675367345593.pdf>

Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, Shamseer L, Tetzlaff JM, Akl EA, Brennan SE, Chou R, Glanville J, Grimshaw JM, Hróbjartsson A, Lalu MM, Li T, Loder EW, Mayo-Wilson E, McDonald S, McGuinness LA, Stewart LA, Thomas J, Tricco AC, Welch VA, Whiting P, Moher D. The PRISMA 2020 statement: An updated guideline for reporting systematic reviews.. PLoS Med. 2021;18(3):e1003583. PMID: [33780438](https://pubmed.ncbi.nlm.nih.gov/33780438/)

Dimensions database. <https://www.dimensions.ai>

Q&A

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- University of Florida George A. Smathers Libraries

This presentation is archived on the website of the Feed the Future Innovation Lab for Livestock Systems <https://livestocklab.ifas.ufl.edu>

Next webinar: 15 December 2023 (Friday)

**Topic: DOING: STRATEGIES FOR INCREASING
WRITING PRODUCTIVITY**

Time: 8:00 a.m. U.S. Eastern Standard Time (EST)

Connect by Zoom:

<https://ufl.zoom.us/j/95299256589?pwd=M2t0UDlkckFRYXg2Rm0zdzNZSzU4QT09>



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