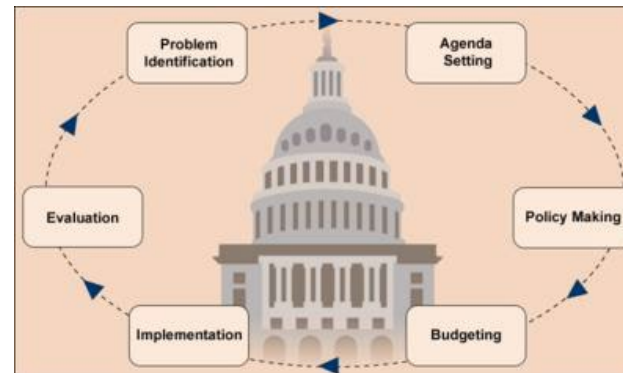


Using public policy citation data in university decision making

Understanding, sharing and responsible use

To clarify: *this* kind of policy

We mean public policy - government legislation and policymaking



About Overton, about me

- Moved from research into journal publishing, got into bibliometrics & alternative metrics
- Founded altmetric.com, was at Digital Science until 2016
- Then left to start overton.io
- Our mission is to making public policy more transparent
- About 20 staff, based in London & DC
- Like WoS or Scopus, but for public policy
- Work with ~ 150 institutions, funders, IGOs and gov agencies worldwide

The logo for Overton, featuring the word "overton" in a lowercase, rounded, red sans-serif font.

Euan Adie

<https://overton.io>

euan@overton.io



OpenAlex

Quick tangent – OpenAlex

- We've worked on / with a lot of scholarly infrastructure over the years
- We use OpenAlex as a source of scholarly metadata, specifically affiliation data
- It is amazing and if you're a fan of open infrastructure & innovation in this space then you should get your institution to support them

In this talk

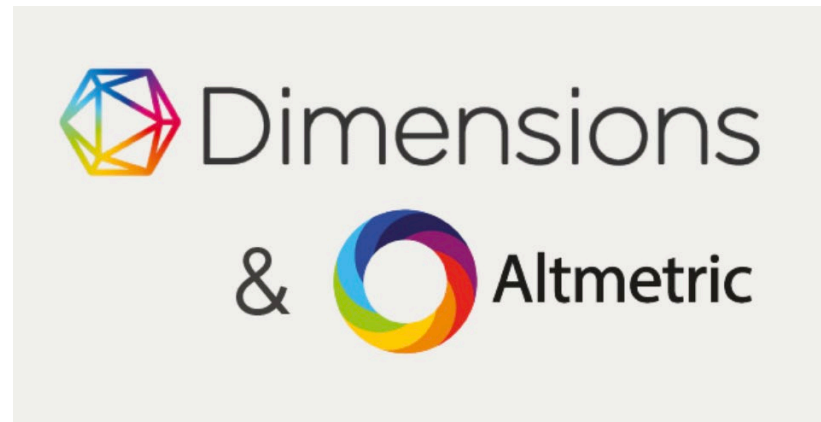
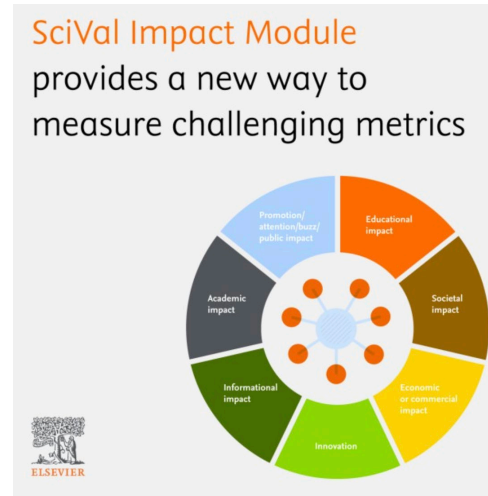
- Policy engagement data - what is it
- What can we do with it, what questions can we get answered?
- How do you get started in practice
- As we go along will suggest some approaches & rules of thumb

...

In general – I hope you get a flavor of what this data is, where it can be useful and where to be careful

Places to get policy citation data

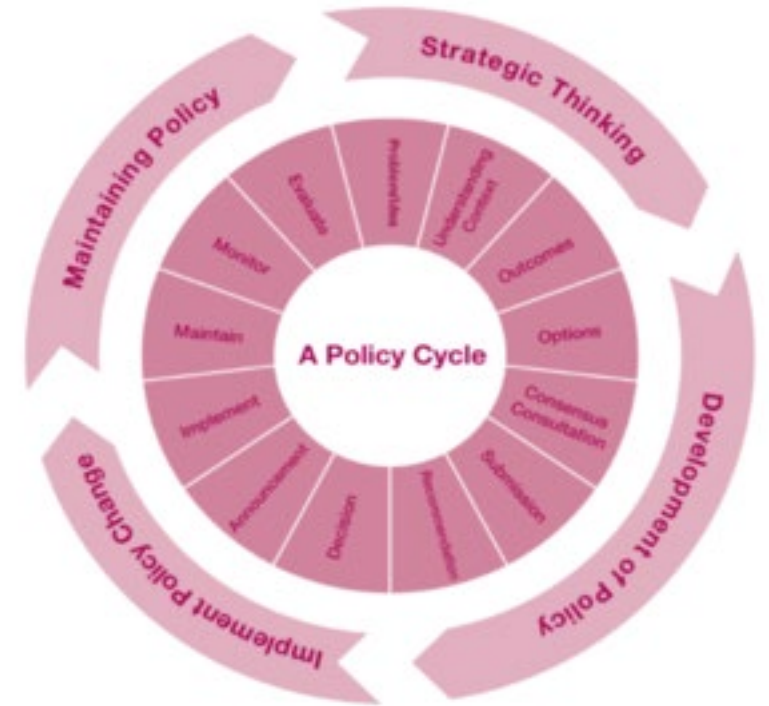
overton



What is it?

Public policy draws on evidence and academic expertise

- "Evidence based / led" policy means a lot of things to different people
- But generally both government and the public like the idea
- Disagreement on political lines about who are the experts and what good evidence is*



* *Partisan Disparities in the Use of Science in Policy*, Furnas et al. <https://osf.io/preprints/socarxiv/aep9v>

Two (and a half) sides to the story

Supply



Demand



Knowledge brokers

Uni policy office

Think tanks

Legislative research office

NGOs & non-profits

IGOs

Two (and a half) sides to the story

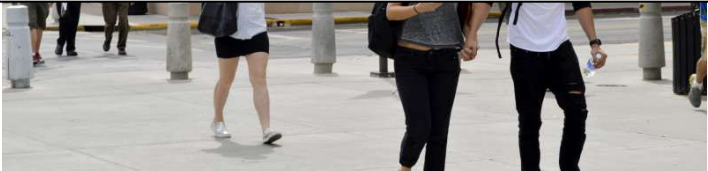
RESEARCH ARTICLE | BIOLOGICAL SCIENCES |

Regional vegetation die-off in response to global-change-type drought

David D. Breshears, Neil S. Cobb, Paul M. Rich, , and Clifton W. Meyer [Authors Info & Affiliations](#)

October 10, 2005 | 102 (42) 15144-15148 | <https://doi.org/10.1073/pnas.0505734102>

28,711 | 1,553



Think ta
Legislat
NGOs &
IGOs

Demand

CONGRESS.GOV

Advanced Searches | Browse

Legislation | Congress

Committee Materials

nomination, budget request

MORE OPTIONS

Home > Committee Meetings > House Event 109329

Citation

Solving the Climate Crisis: Drawing Down Carbon and Building Up the American Economy

116th Congress (2019-2020)

HOUSE COMMITTEE HEARING

Hide Overview

Committee:

[House Select Committee on the Climate Crisis](#)

Related Items:

Data will display when it becomes available.

Date:

04/30/2019 (10:00 AM Local Time)

Location:

2247 Rayburn House Office Building, Washington, D.C.

Website:

<https://climatecrisis.house.gov/>

Quick tangent

May 10 2021

A large-scale validation of the relationship between cross-disciplinary research and its uptake in policy-related documents, using the novel Overton altmetrics database 

Henrique Pinheiro , Etienne Vignola-Gagné , David Campbell  

[> Author and Article Information](#)

Quantitative Science Studies 1–40.

https://doi.org/10.1162/qss_a_00137 [Article history](#)

Science cited in policy documents: Evidence from the Overton database

Zhichao Fang^{1*}, Jonathan Dudek¹, Ed Noyons¹, Rodrigo Costas^{1,2}

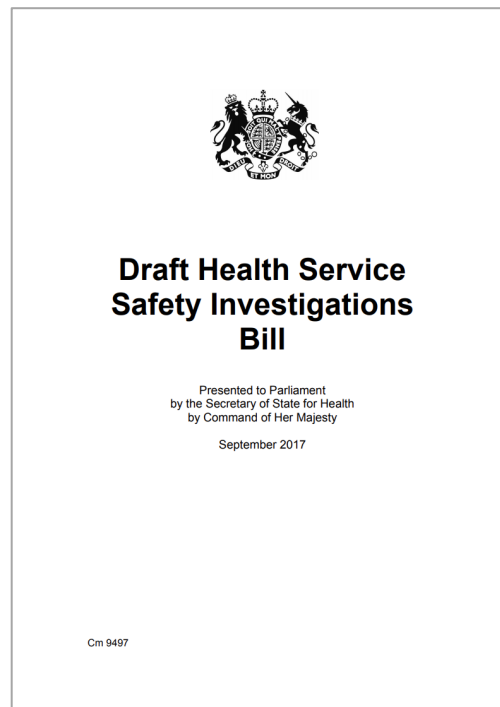
* Corresponding author

How much research gets cited in public policy?

- (CWTS) 3.9% of all articles in WoS database
- (Pinherio) 5.8% of all articles in Scopus database between 2008 and 2016
 - 47% of random sample in Development Studies
 - 0.1% of random sample in Drama & Theatre

Though actually....

- The closer you get to legislation the less likely it is that you'll see citations of primary research – most research goes through translation steps



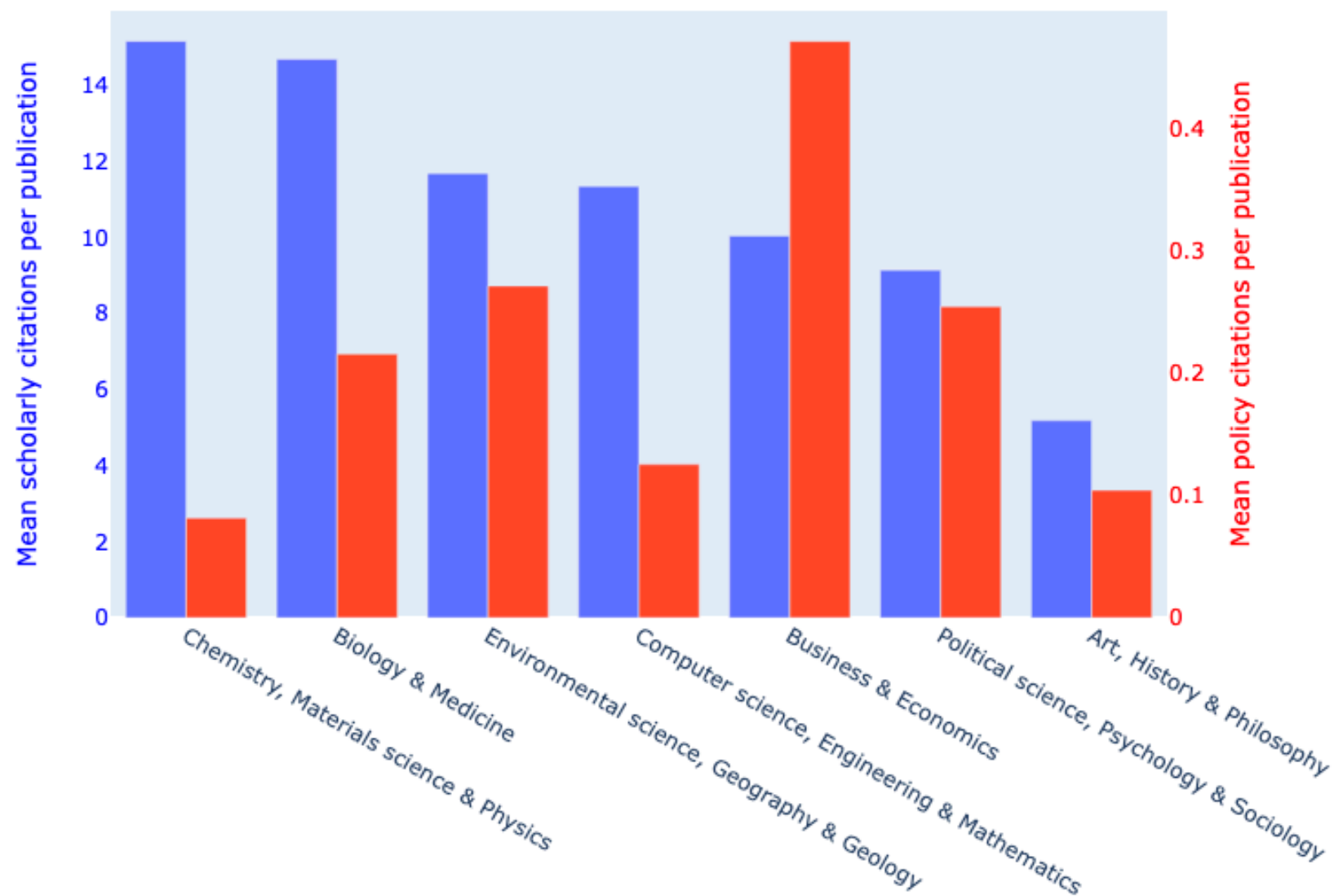
cites



cites



Mean citations per publication (2011 - 2020)





Policy citation counts

Institution	Citing policy documents
University of Michigan	94,238
University of New Mexico	15,837
University of Arizona	33,208
Harvard	140,509
Florida State University	16,226
Rutgers	42,599
University of Idaho	6,515

What can we do with it?

Discover

Understand the policy
landscape

Evaluate

Measure, collect evidence for
existing policy engagement
activity

Engage

Find new opportunities that
researchers could engage with

What questions can we ask?

Supply



What are we doing already, and is it working?
Where are our strengths?
Who is promising & may benefit from support?
Are there any compelling stories?

Demand



Knowledge brokers

Uni policy office

Think tanks

Legislative research office

NGOs & non-profits

IGOs

What questions can we ask?

Supply



What opportunities exist that that overlap with our strengths?
What can we learn that might be useful context when dealing with federal funders?

Knowledge brokers

Uni policy office

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IGOs

Demand



... what questions can't we ask?

- Purely quantitative ones about individual researchers
 - Too much engagement is hidden, 0 policy citations may not mean 0 engagement
 - Context and timing is everything – 1 brief engagement may have been more impactful than 10 longer ones
- Ones that rely on an objective measure of impact – the definition of impact is subjective!
- It helps to have some idea going in of what success looks like – this might be tied to your institution's mission statement, or to the goals for a program or department
 - e.g. do we care more about state level or international policy impact?
 - are there any important policy organizations we particularly care about?
 - who are we benchmarking ourselves against, if anybody?

Getting started:
Assess what's already happening

What kind of outputs might we want?

- Narratives – mix the quantitative with the qualitative, look for interesting stories in the data that are backed up by evidence
- Indicators – find some queries that you can keep running over time in the app to see direction of travel
- Datasets that we can combine with others to get a fuller picture of research impact (by department, by career stage, by funder...), maybe fed into dashboards

SEARCH POLICY DOCUMENTS

SEARCH PEOPLE

SEARCH SCHOLARLY ARTICLES

Search **12,420,421** policy documents

e.g. universal credit

Search policy

We'll search the titles and full text of the policy documents we index. You can use booleans (AND, OR, NOT), "phrases in quotes", the ~ operator and a number after phrases to allow word gaps, and parentheses. See our [help page on advanced searches](#) for more.

Example searches:

- "Tobacco packaging"
- covid-19 AND masks
- title:"World Development Report"
- "Phillips Curve Netherlands"~40

Your saved searches

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EDIT



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SEARCH SCHOLARLY ARTICLES

Search **12,420,421** policy documents

University of Arizona

Search policy

keyword Search for keywords **University of Arizona****exact-phrase** Search for the exact phrase "**University of Arizona**"**institution** See policy citing authors from **University of Arizona****publisher** See policy citing scholarly work published by **University of Arizona****publisher** See policy citing scholarly work published by **University of Arizona Libraries****funder** See policy citing work funded by **University of Arizona**



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or

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institution

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University of Arizona

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Source type

government	16,074
think tank	8,536
igo	6,224

[show more](#)

From Source

Your key sources	448
The UK Government	314
Guidelines in PubMed Central	1,877
Government Publishing Office (GPO)	1,314
IZA Institute of Labor Economics	1,128

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People cited or mentioned

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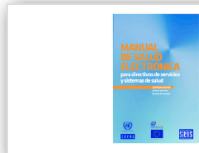
1

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100

Policy document



Principios de seguridad de la información en entornos de salud

United Nations CEPAL on January 1st 2012

Publication

Health care

Management

Laboratory



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See landing page for PDF

High-Volume Teleradiology Service: Focus on Radiologist and Patient Satisfaction

Elizabeth A. Krupinski (2008) Teleradiology

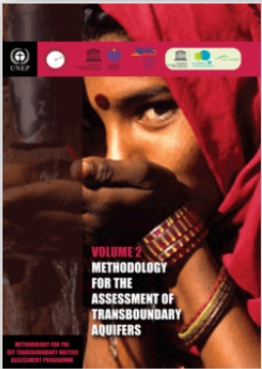
Author from University of Arizona is Elizabeth A. Krupinski

“ Además, expresan que sus diagnósticos se mantienen con un alto grado de certeza y se sienten confiados de atender a distancia las solicitudes de interpretación (Krupinski, 2008).

On page 195

Citations aren't everything

Policy document



Methodology for the GEF Transboundary Waters Assessment Programme Volume 2: Methodology for the Assessment of Transboundary Aquifers

 United Nations Environment Programme on January 1st 2011 Publication

and secondly, bringing the major issues, concerns and hotspots of these transboundary aquifer systems and SIDS aquifers to global attention, and catalyse action.

Cited by [10 other policy documents](#) (inc. same source)

Earth sciences

Hydrology

Environmental science

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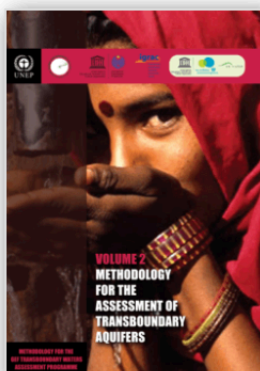
Sharon B. Megdal at University of Arizona

This name and affiliation were mentioned in this document.

Sharon Megdal

[On page 99 \(or quick view this section\)](#)

Policy document



Methodology for the GEF Assessment of Transboundary Aquifers

United Nations Environment Programme

and secondly, bringing the matter to global attention, and catalyse

Cited by 10 other policy documents

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Hydrology

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Sharon B. Megdal

This name and affiliation

Sharon Megdal

On page 99 (or quick view this section)

Volume 2

ANNEX 1

TWAP UNESCO GROUNDWATER EXPERT GROUP

(in alphabetical order)

	Name	Affiliation	Mail
1	Abou Amani	UNESCO IHP Accra Office	a.amani@unesco.org
2	Bo Appelgren	Senior Consultant, UNESCO IHP	appelgrenbo@yahoo.it
3	Alice Aureli	UNESCO-IHP	a.aureli@unesco.org
4	Eberhard Braune	UNESCO Chair in South Africa	ebraune@uwc.ac.za
5	Stefano Burchi	AIDA	stefano.burchi@gmail.com
6	Jake Burke	FAO	Jacob.Burke@fao.org
7	Nelson da Franca	ISARM of the Americas	nelsondafranca@yahoo.com.br
8	Jac van der Gun	Senior Consultant, UNESCO IHP	j.vandergun@home.nl
9	Zaisheng Han	Geological Survey of China	hanzaish@hotmail.com
10	Sharon Megdal	University of Arizona	smegdal@cals.arizona.edu
11	Andrea Merla	UNESCO-IHP Senior Consultant	merla.andrea@gmail.com
12	Michaela Miletto	WWAP, Deputy Coordinator	m.miletto@unesco.org
13	Shammy Puri	IAH	ShammyPuri@aol.com
14	Jorge Rucks	OAS	jorge.rucks@gmail.com
15	Fritz Stauffer	ETH Zürich	fritz.stauffer@ifu.baug.ethz.ch
16	Raya Marina Stephan	UNESCO-IHP	r.stephan@unesco.org
17	Willi Struckmeier	IAH-BGR-WHYMAP	Wilhelm.Struckmeier@bgr.de
18	Holger Treidel	UNESCO-IHP	h.treidel@unesco.org



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Source type

government 16,074

think tank 8,536

igo 6,224

[show more](#)

From Source

📌 Your key sources 448

📌 The UK Government 314

Guidelines in PubMed Central 1,877

Government Publishing Office
(GPO) 1,314

IZA Institute of Labor Economics 1,128

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Policy document



Principios de seguridad de la información en entornos de salud



United Nations CEPAL on January 1st 2012

Publication

Health care

Management

Laboratory



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High-Volume Teleradiology Service: Focus on Radiologist and Patient Satisfaction

Elizabeth A. Krupinski (2008) Teleradiology

Author from University of Arizona is Elizabeth A. Krupinski



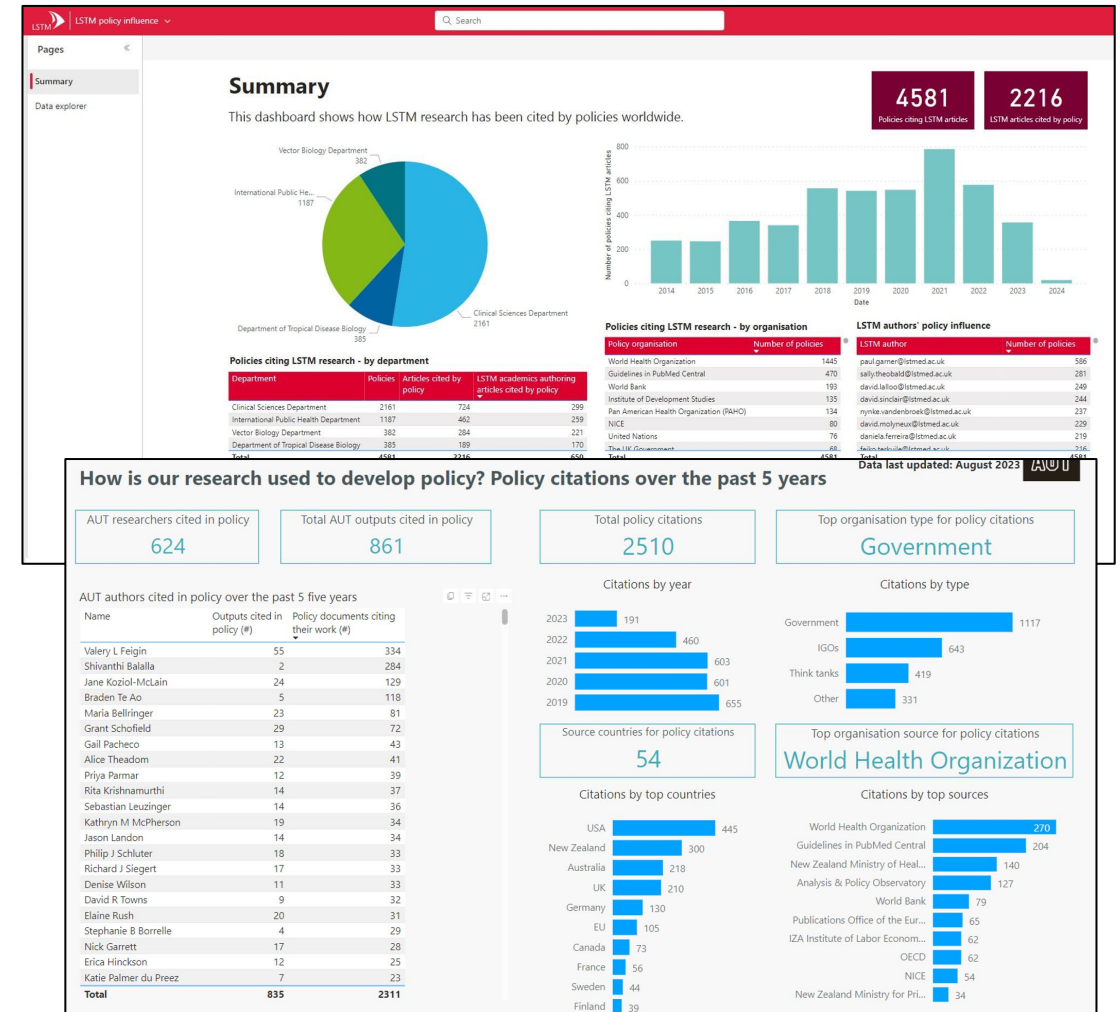
Además, expresan que sus diagnósticos se mantienen con un alto grado de certeza y se sienten confiados de atender a distancia las solicitudes de interpretación (Krupinski, 2008).



On page 195

Exporting data via CSV, API or snapshot

- For detailed analysis or to merge with other datasets you'll want to export the data out of the app
- Everything you see on the platform is available through a REST API
- And rest via CSV, Excel and RIS
- Always interested in ways we can make this easier, and for ideas of new tools to support (SQL dumps? Google Big Query?)



Click to hide search filters

Active filters

University of Arizona

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16,074

8,536

6,224

show more

Policy sources448

Government314

PubMed Central1,877

Publishing Office1,314

of Labor Economics1,128

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Policy document



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Author from University of Arizona is Elizabeth A. Krupinski

Documents connected to University of Arizona

Summary report for 31,767 policy documents from 1,123 different sources

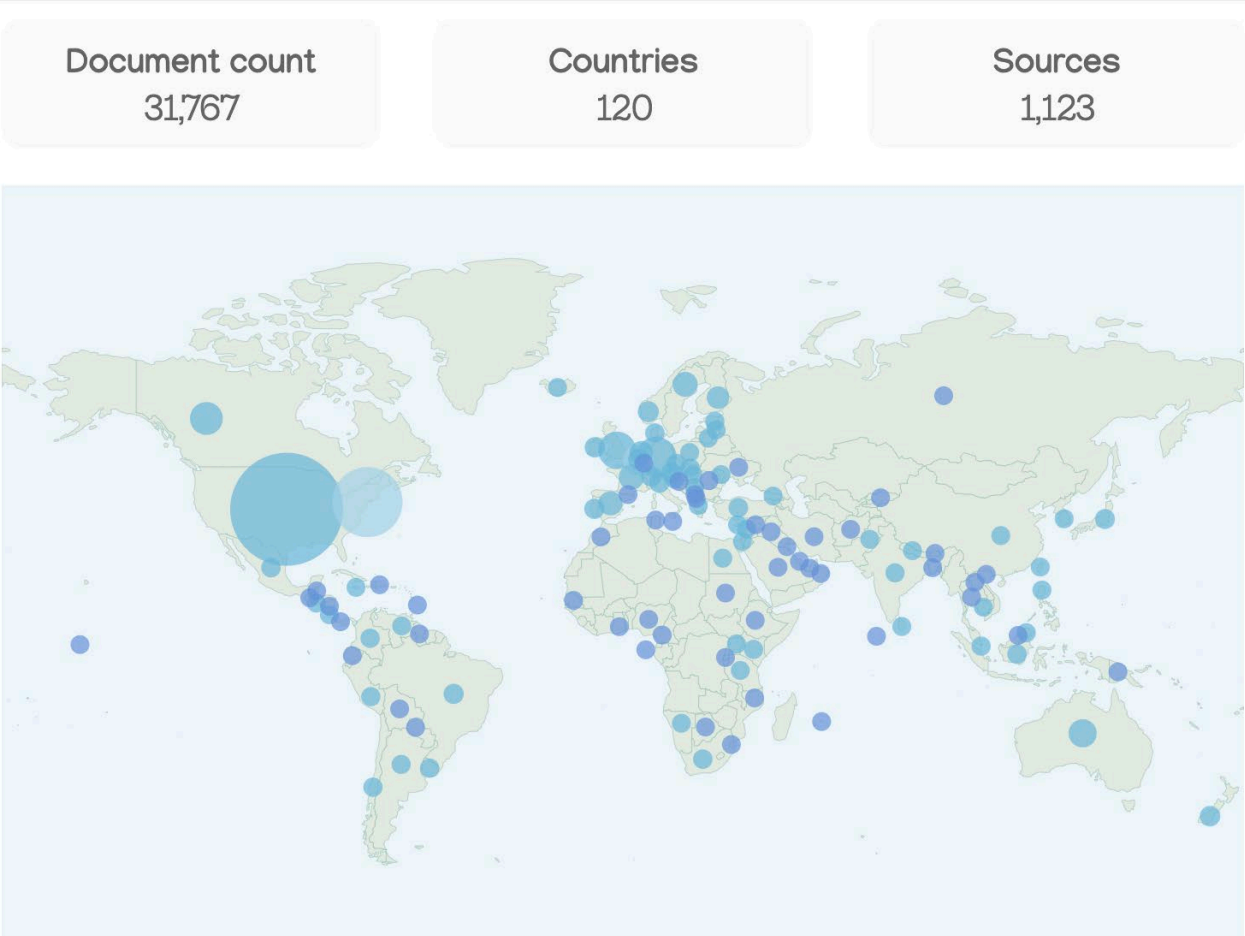


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USA	11,329	IGO	6,180	Germany	2,629
UK	2,236	Canada	1,686	EU	1,390
Australia	1,127	France	770	Sweden	735

Document types

NAME	DOCUMENTS
Publication	23,063
Clinical guidance	4,805
Working paper	4,582
Scholarly article	431
Blog post	133
Legal documents	119
Transcript	41
Periodical	40

 Copy as CSV

Source specific tags

NAME	DOCUMENTS
Environment and climate change	108
SUSTAINABLE DEVELOPMENT	107
CLIMATE CHANGE	102
116th Congress (2019–2020)	90
RAND National Security Research Division	79

Policy SDG categories

NAME	DOCUMENTS
SDG 3: Good Health and Well-being	6,503
SDG 13: Climate Action	1,640
SDG 15: Life on Land	1,480
SDG 6: Clean Water and Sanitation	1,085
SDG 4: Quality Education	805
SDG 8: Decent Work and Economic Growth	662
SDG 2: Zero Hunger	501
SDG 5: Gender Equality	478
SDG 7: Affordable and Clean Energy	413
SDG 11: Sustainable Cities and Communities	295
+ Show more	

Let's investigate SDG 13: Climate Action

- Who is doing the citing (what sources)?
- Which academics are being cited, and what kind of policy is citing them?
- What topics are they publishing on?
- Where is their funding coming from?

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Cites or mentions institution

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University of Arizona

Edit selection ✎

Related to SDG beta

Remove X

SDG 13: Climate Action

Edit selection ✎

Source type	
think tank	571
igo	519
government	493

[show more](#)

From Source	
 Your key sources	24
 The UK Government	18
IPCC	151

DATA NOTES

Some notes on limitations and potential biases are available for these results, click this bar to see them.

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and

related to SDG 13: Climate Action X

sorted by

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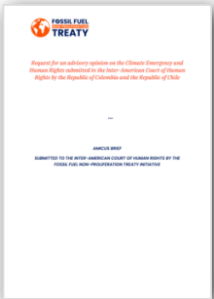
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29

Policy document



Amicus Briefs 

 Center for International Environmental Law on February 22nd 2024 Publication

CIEL's amicus briefs champion human rights and environment in top courts worldwide. Discover CIEL's global legal efforts in environmental cases.

Earth sciences

Nature

Natural environment

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Trajectories of the Earth System in the Anthropocene

Will Steffen et al. (2018) [Proceedings of the National Academy of Sciences](#)


Author from University of Arizona is Diana Liverman

88. W. Steffen et al, Trajectories of the Earth System in the Anthropocene 2018 14 Proceedings of the National Academy of Sciences 8252, 8254.

[On page 44](#)

Policy document



Climate whiplash: wild swings between weather extremes 

 Climate Council from Analysis & Policy Observatory on February 8th 2024 Publication



Notes, caveats & biases

DATA NOTES Some notes on limitations and potential biases are available for these results, click this bar to see them.

- At the bottom of every page
- Traffic light system – red is important caveat or bias, green is for background
- Expanded by default if any red or yellow notes

DATA NOTES

We work hard to make the data in Overton as accurate and complete as possible, but limitations and possible biases still exist. You can read more about how we work on some [notes on responsible metrics](#) on our [help pages](#), but we've also collected some notes specific to your search below.

Beta functionality

You're using the SDG filter

- We use a machine learning approach to classify policy documents as being relevant to one or more SDGs
- It uses the [OSDG Community Dataset](https://zenodo.org/record/7136826) as training data. This is a collection of text snippets that have been identified as being relevant to one or more SDGs
- This approach works well for clearly defined goals like gender equality and climate change, and much less well for broader, more vague goals like "Life on land"
- Overton is unable to classify documents as related to three of the SDGs: 9 (Industry, Innovation and Infrastructure), 12 (Responsible Consumption and Production) and 17 (Partnerships to achieve the Goals) as we think the accuracy is too low.

Related links

- [About the SDG categories in Overton](#)

Use of OpenAlex

You're using an Cites or Mentions affiliation filter

- Scholarly articles are linked to institutions using data from a third party source called OpenAlex.
- OpenAlex doesn't have affiliation data for all articles. As a general rule of thumb we'd expect searches by affiliation to 'miss' up to 20% of an institution's publications
- You will still be able to get a good picture of things but alternatives include searching by DOIs directly or sending Overton a feed from an institutional repository

Related links

- [How does Overton know about author affiliations?](#)

Use of OpenAlex

You're using a filter that uses authorship data from OpenAlex

- Scholarly articles are linked to author & institution pairs using data from a third party source called OpenAlex.
- The filter you're using only lists authors for whom we have an affiliation, but OpenAlex doesn't have affiliation data for every article (as a rule of thumb we'd expect searches by affiliation to 'miss' up to 20% of an institution's publications). This means some authors may have lower publication counts than expected, or may not appear in the filter at all.
- The filter can help you explore which authors are appearing the most frequently in any given document set, but to see all articles associated with an author you need to search by DOI or by author name instead.



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Source type

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The UK Government	18

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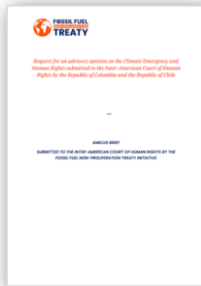
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[On page 44](#)

Climate whiplash: wild swings between weather extremes



Climate Council from Analysis & Policy Observatory on February 8th 2024

Publication

From Source

✕ Cancel

Apply filter

Select which options to filter on by ticking the checkbox (☐ and ☒) next to each of your choices and then search using the button that will appear here.

All options

Start typing to filter the options below

📄 Copy as tab delimited text

24	<input type="checkbox"/>	📌 Your key sources	3	<input type="checkbox"/>	Cato Institute	1	<input type="checkbox"/>	Council on Foreign Relations
18	<input type="checkbox"/>	📌 The UK Government	3	<input type="checkbox"/>	Center for American Progress	1	<input type="checkbox"/>	Centre for Policy Dialogue
101	<input type="checkbox"/>	IPCC	3	<input type="checkbox"/>	Center for Global Environmental Research	1	<input type="checkbox"/>	DEval
63	<input type="checkbox"/>	World Meteorological Organization	3	<input type="checkbox"/>	City of San Diego	1	<input type="checkbox"/>	De Nederlandsche Bank
60	<input type="checkbox"/>	United Nations Environment Programme	3	<input type="checkbox"/>	Copenhagen Consensus	1	<input type="checkbox"/>	New Zealand Department of Conservation
28	<input type="checkbox"/>	United Nations	3	<input type="checkbox"/>	EASAC	1	<input type="checkbox"/>	DOC Research Institute
57	<input type="checkbox"/>	World Bank	3	<input type="checkbox"/>	EU Commission	1	<input type="checkbox"/>	EFSA
56	<input type="checkbox"/>	Analysis & Policy Observatory	3	<input type="checkbox"/>	Federal Register	1	<input type="checkbox"/>	Environmental Law Institute
48	<input type="checkbox"/>	Government Publishing Office (GPO)	3	<input type="checkbox"/>	IDDR	1	<input type="checkbox"/>	Environmental Defence
39	<input type="checkbox"/>	House Committees	3	<input type="checkbox"/>	RSIS	1	<input type="checkbox"/>	Economic Research Forum
39	<input type="checkbox"/>	ESRC Centre for Climate Change Economics and Policy	3	<input type="checkbox"/>	Institute for Security Studies	1	<input type="checkbox"/>	European Investment Bank
36	<input type="checkbox"/>	State of California	3	<input type="checkbox"/>	Norad	1	<input type="checkbox"/>	EUR-Lex
33	<input type="checkbox"/>	Government of Canada	3	<input type="checkbox"/>	Province of Alberta	1	<input type="checkbox"/>	European Parliament Plenary
27	<input type="checkbox"/>	OECD	3	<input type="checkbox"/>	SIPRI	1	<input type="checkbox"/>	Frontier Centre for Public Policy
25	<input type="checkbox"/>	Publications Office of the European Union	3	<input type="checkbox"/>	State of North Carolina	1	<input type="checkbox"/>	Federal Reserve
22	<input type="checkbox"/>	Irish Environmental Protection Agency	3	<input type="checkbox"/>	State of New South Wales	1	<input type="checkbox"/>	Federal Reserve Bank of New York
21	<input type="checkbox"/>	Global Water Partnership	3	<input type="checkbox"/>	United Nations Development Programme	1	<input type="checkbox"/>	Friedrich-Ebert-Stiftung

From Source

✕ Cancel

Apply filter

Select which options to filter on by ticking the checkbox (☐ and ☒) next to each of your choices and then search using the button that will appear here.

All options

Start typing to filter the options below

📄 Copy as tab delimited text

24	<input type="checkbox"/>	📌 Your key sources	3	<input type="checkbox"/>	Cato Institute	1	<input type="checkbox"/>	Council on Foreign Relations
18	<input type="checkbox"/>	📌 The UK Government	3	<input type="checkbox"/>	Center for American Progress	1	<input type="checkbox"/>	Centre for Policy Dialogue
151	<input type="checkbox"/>	IPCC	3	<input type="checkbox"/>	Center for Global Environmental Research	1	<input type="checkbox"/>	DEval
63	<input type="checkbox"/>	World Meteorological Organization	3	<input type="checkbox"/>	City of San Diego	1	<input type="checkbox"/>	De Nederlandsche Bank
60	<input type="checkbox"/>	United Nations Environment Programme	3	<input type="checkbox"/>	Copenhagen Consensus	1	<input type="checkbox"/>	New Zealand Department of Conservation
58	<input type="checkbox"/>	United Nations	3	<input type="checkbox"/>	EASAC	1	<input type="checkbox"/>	DOC Research Institute
57	<input type="checkbox"/>	World Bank	3	<input type="checkbox"/>	EU Commission	1	<input type="checkbox"/>	EFSA
56	<input type="checkbox"/>	Analysis & Policy Observatory	3	<input type="checkbox"/>	Federal Register	1	<input type="checkbox"/>	Environmental Law Institute
48	<input type="checkbox"/>	Government Publishing Office (GPO)	3	<input type="checkbox"/>	IDDRI	1	<input type="checkbox"/>	Environmental Defence
39	<input type="checkbox"/>	House Committee on Environment and Natural Resources	3	<input type="checkbox"/>	RSIS	1	<input type="checkbox"/>	Economic Research Forum
39	<input type="checkbox"/>	ESRC Centre for Climate Change Economics and Policy	3	<input type="checkbox"/>	Institute for Security Studies	1	<input type="checkbox"/>	European Investment Bank
36	<input type="checkbox"/>	State of California	3	<input type="checkbox"/>	Norad	1	<input type="checkbox"/>	EUR-Lex
33	<input type="checkbox"/>	Government of Canada	3	<input type="checkbox"/>	Province of Alberta	1	<input type="checkbox"/>	European Parliament Plenary
27	<input type="checkbox"/>	OECD	3	<input type="checkbox"/>	SIPRI	1	<input type="checkbox"/>	Frontier Centre for Public Policy
25	<input type="checkbox"/>	Publications Office of the European Union	3	<input type="checkbox"/>	State of North Carolina	1	<input type="checkbox"/>	Federal Reserve
22	<input type="checkbox"/>	Irish Environmental Protection Agency	3	<input type="checkbox"/>	State of New South Wales	1	<input type="checkbox"/>	Federal Reserve Bank of New York
21	<input type="checkbox"/>	Global Water Partnership	3	<input type="checkbox"/>	United Nations Development Programme	1	<input type="checkbox"/>	Friedrich-Ebert-Stiftung

”share of voice” indicators

- Of all the evidence being cited by the IPCC (in any report), how much of it comes from us?
- In this case, UoA is #51 out of > 2,500 institutions whose work has been cited by the IPCC
- *(lots of caveats with this indicator!)*

472	<input type="checkbox"/>	Woods Hole Oceanographic Institution
468	<input type="checkbox"/>	Japan Agency for Marine–Earth Science and Technology
468	<input type="checkbox"/>	Stockholm University
468	<input type="checkbox"/>	University of Cambridge
463	<input type="checkbox"/>	University of Alaska Fairbanks
457	<input type="checkbox"/>	Institute of Atmospheric Physics
454	<input type="checkbox"/>	University of Arizona
450	<input type="checkbox"/>	University of Melbourne
447	<input type="checkbox"/>	Royal Netherlands Meteorological Institute
447	<input type="checkbox"/>	University of California, Los Angeles
446	<input type="checkbox"/>	University of British Columbia
443	<input type="checkbox"/>	Spanish National Research Council
442	<input type="checkbox"/>	Cooperative Institute for Research in Environmental Sciences

”share of voice” over time

- Of all institutions globally cited by policy related to SDG 13, ordered by citing policy document count, where does the UoA rank?

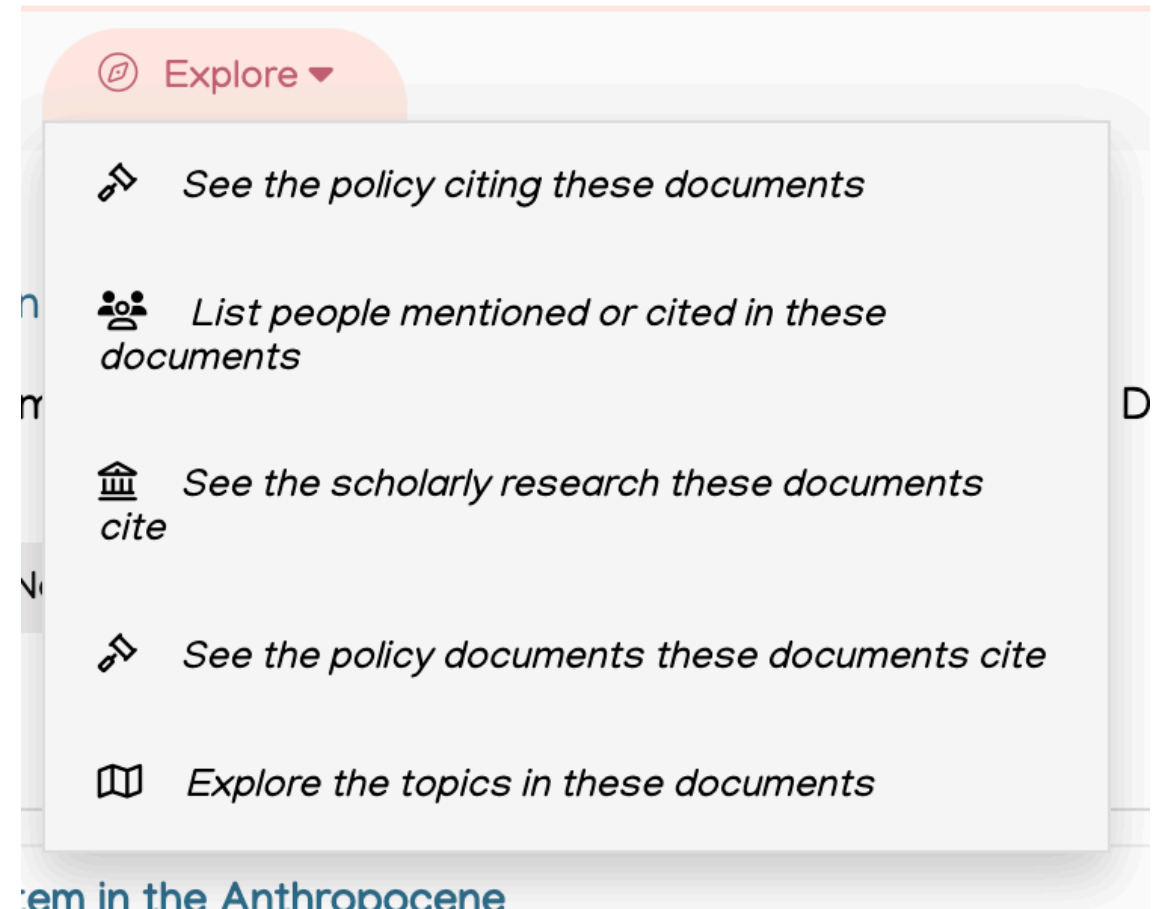
Year	Rank
2016	#87
2018	#78
2020	#100
2022	#91

(in case you're wondering who the top 10 are)

4,957	<input type="checkbox"/>	University of Oxford
4,638	<input type="checkbox"/>	Stanford University
4,479	<input type="checkbox"/>	University of California, Berkeley
4,127	<input type="checkbox"/>	Columbia University
4,068	<input type="checkbox"/>	University of East Anglia
4,040	<input type="checkbox"/>	Potsdam Institute for Climate Impact Research
3,914	<input type="checkbox"/>	Massachusetts Institute of Technology
3,684	<input type="checkbox"/>	International Institute for Applied Systems Analysis
3,683	<input type="checkbox"/>	Wageningen University & Research
3,469	<input type="checkbox"/>	Harvard University

Switching contexts

- For the next part of the analysis we want to look at researchers, research articles and topics rather than the citing policy documents themselves
- In Overton you do this with the "Explore" menu



Topic map

topic unusually frequent topic

This is a map of the topics that Overton thinks are most often associated with the documents in your results set. Topics with darker backgrounds appear more frequently than we'd expect.

ALL SUBJECT AREAS

1,640 DOCUMENTS

- Climate change
- Natural environment
- Nature
- Greenhouse gas
- Earth sciences
- Climate change mitigation
- Climate
- Physical geography
- Intergovernmental Panel on Climate Chan...
- Sustainability

EXPLORE MORE

ENVIRONMENT

1,525 DOCUMENTS

- Physical geography
- Sea level rise
- Biodiversity
- Ecology
- General circulation model
- Greenhouse effect
- Hydrology
- Sea
- Earth phenomena
- Water resources

EXPLORE MORE

ECONOMY, BUSINESS AND FINANCE

731 DOCUMENTS

- Market (economics)
- Carbon neutrality
- Emissions trading
- Electricity generation
- Energy
- Energy development
- Sustainable development
- Food
- Subsidy
- Biomass

EXPLORE MORE

WEATHER

710 DOCUMENTS

- Meteorology
- Atmospheric sciences
- Weather
- El Niño–Southern Oscillation
- Climatology
- IPCC Fourth Assessment Report
- Snow
- Hydrography
- Sea surface temperature
- Greenland ice sheet

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or

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or

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Click to hide people filters

Currently active filters

With affiliation

University of Arizona

Remove

Type

Only people cited

Only people mentioned

From country

United States 1,024

People

from University of Arizona

in

documents related to SDG 13: Climate Action and connected to University of Arizona

sorted by

Documents

Save search

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Explore

Showing 1,024 results

1

2

3

...

41

	PERSON	DOCUMENTS	ARTICLES	TOP SUBJECT	TOPICS & HIGHLIGHTS	BY YEAR	FROM USA	SOURCES
<input type="checkbox"/>	<div>UNIVERSITY OF ARIZONA</div> <div><input type="checkbox"/> Diana Liverman</div>	245	23	environment	<div>Tipping points in the climate system</div> <div>National Energy Guarantee</div>	<div>2024</div> <div>2014</div> <div></div>	11%	22% Gov 29% IGO 41% Think
<input type="checkbox"/>	<div>UNIVERSITY OF ARIZONA</div> <div><input type="checkbox"/> Thomas W Swetnam</div>	154	19	environment	<div>Pinus flexilis</div> <div>Climate Change Science Program</div>	<div></div> <div></div> <div></div>	51%	48% Gov 30% IGO 21% Think
<input type="checkbox"/>	<div>UNIVERSITY OF ARIZONA</div> <div><input type="checkbox"/> Jonathan T Overpeck</div>	130	45	environment	<div>Mountain gorilla</div> <div>Greenland ice sheet</div>	<div></div> <div></div> <div></div>	36%	26% Gov 47% IGO 21% Think
<input type="checkbox"/>	<div>UNIVERSITY OF ARIZONA</div> <div><input type="checkbox"/> David D Breshears</div>	113	29	environment	<div>South Pacific convergence zone</div> <div>Cyclone Batsirai</div>	<div></div> <div></div> <div></div>	24%	36% Gov 42% IGO 10% Think
<input type="checkbox"/>	<div>UNIVERSITY OF ARIZONA</div> <div><input type="checkbox"/> Alison K Macalady</div>	83	7	environment	<div>South Pacific convergence zone</div> <div>Reasons for concern</div>	<div></div> <div></div> <div></div>	29%	35% Gov 44% IGO 10% Think

Supported by funder beta Cancel

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All options

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86	<input type="checkbox"/>	FUNDREF National Science Foundation	1	<input type="checkbox"/>	FUNDREF American Association of Petroleum Geologists' Grants-In-Aid program	1	<input type="checkbox"/>	FUNDREF National Institute for Environmental Studies
47	<input type="checkbox"/>	GTR NERC	1	<input type="checkbox"/>	FUNDREF American Association of University	1	<input type="checkbox"/>	FUNDREF National Institute for Environmental Studies (JP)
20	<input type="checkbox"/>	FUNDREF National Aeronautics and Space Administration	1	<input type="checkbox"/>	FUNDREF Arizona Game and Fish Department's Heritage Program	1	<input type="checkbox"/>	FUNDREF National Institute of Environmental Health Sciences
19	<input type="checkbox"/>	FUNDREF National Oceanic and Atmospheric Administration	1	<input type="checkbox"/>	FUNDREF Armstrong Flight Research Center	1	<input type="checkbox"/>	FUNDREF National Institute of Environmental Health Sciences (NIEHS) Superfund Research Program
15	<input type="checkbox"/>	FUNDREF U.S. Department of Commerce	1	<input type="checkbox"/>	FUNDREF Army ROTC	1	<input type="checkbox"/>	FUNDREF National Institute of Standards and Technology
13	<input type="checkbox"/>	FUNDREF U.S. Department of Energy	1	<input type="checkbox"/>	FUNDREF Audubon through an Apacheria Fellowship	1	<input type="checkbox"/>	FUNDREF National Institute on Minority Health and Health Disparities
9	<input type="checkbox"/>	EUROPMC European Research Council	1	<input type="checkbox"/>	FUNDREF Australian Research Council Centre of Excellence for Climate System Science	1	<input type="checkbox"/>	FUNDREF National Institutes of Health (NIH)
9	<input type="checkbox"/>	FUNDREF National Natural Science Foundation of China	1	<input type="checkbox"/>	FUNDREF Biological and Environmental Research	1	<input type="checkbox"/>	FUNDREF National Key Research and Development Program of China Stem Cell and Translational Research
9	<input type="checkbox"/>	FUNDREF Natural Environment Research Council	1	<input type="checkbox"/>	FUNDREF Brown University	1	<input type="checkbox"/>	FUNDREF National Natural Science Foundation of
9	<input type="checkbox"/>	FUNDREF University of Arizona	1	<input type="checkbox"/>	FUNDREF Bundesamt für Naturschutz			
8	<input type="checkbox"/>	FUNDREF						

Demand side

Engaging with new opportunities

- Governments are rapidly getting better at articulating what they would like from researchers
- Traditionally this has happened:
 - Via funders – slow, broad
 - Via knowledge brokers – can have political aspect
 - Via informal networks – “it’s who you know”
- This means expertise supplied is not always representative
- Govs increasingly now going direct

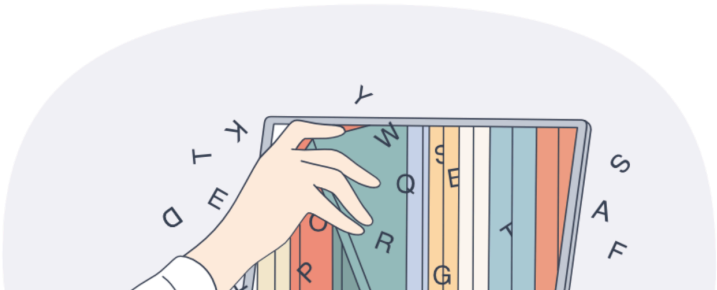
Opportunities for direct engagement


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Where can research make a difference?

Search, browse or analyse Areas of Research Interest (ARIs) from UK governmental bodies, to see how your research help solve problems and inform government policy.

Try 'renewable energy' or



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Learning Agenda Questions Dashboard

Explore Agency Priority Evidence Needs

As required by the Evidence Act, Federal agencies recently published agency-wide Learning Agendas, or evidence-building plans. The plans include priority questions to address the most pressing evidence needs across agencies. This dashboard compiles those questions in one place so that you can easily explore where evidence is most needed.

Search Federal Agencies' Learning Agenda Questions

What approaches have proven most effective in helping coastal communities and ecosystems prepare for and recover from extreme weather events, climate hazards, and changing ocean conditions?

Description:

If current trends continue, \$66 to \$106 billion dollars of existing U.S. coastal property could be below sea level by 2050. Furthermore, the United States could see a 1 percent reduction in its gross domestic product (GDP) by 2100 due to coastal flooding. Given these projections, NOAA will address the increasing demand for the science and services needed to enhance coastal resilience to climate change. The natural and economic resilience of oceans and coasts will be advanced using state-of-the-art risk-based tools and actionable information, strengthening on-the-ground partnerships, and improving place-based conservation efforts. To deliver on these goals, NOAA must understand the effectiveness of various approaches in supporting coastal resilience and preparedness for both extreme events and gradually changing environmental conditions.

Organisation: USA Government

Organisation department: Department of Commerce

Country: USA

Region:

Published date: 01/04/2022

Expiry date: 31/03/2026

Contact info: tom.diliberto@noaa.gov

Link:

<https://www.commerce.gov/sites/default/files/2022-03/DOC-Learning-Agenda-2022%E2%80%932026.pdf>

Oswald: [View Oswald data](#)

What challenges are Tribes facing in their ability to reclaim remaining abandoned mine lands?

Description:

The Department is a multi-faceted agency, and part of the Department's goals are to promote equity and justice for Tribes, American Indians, Alaska Natives, Native Hawaiians, and insular communities. The scope of the Department's responsibilities includes fulfilling fiduciary trust responsibilities, supporting Tribal self-governance and self-determination, and strengthening the government-to-government relationship between the Federal Government and Tribal nations. Additionally, the Department funds 33 Tribal colleges, universities, technical colleges, and post-secondary schools that provide quality education for students to equip them to meet the demands of the future. The Department also provides technical assistance through partnerships with Native Hawaiian and insular communities to efficiently and effectively secure and manage Federal funds through planning and program activities.

Organisation: USA Government

Organisation department: Department of the Interior

Country: USA

Region:

Published date: 01/04/2022

Expiry date: 31/03/2026

Contact info: <https://www.doi.gov/contact-us>

Link:

<https://www.doi.gov/sites/doi.gov/files/doi-fy-2022-2026-learning-agenda.pdf>

Oswald: [View Oswald data](#)

How effective are drug-impairment detection technologies in identifying drug-impaired drivers?

Description:

Many substances can impair driving, including some over-the-counter and prescription drugs and illegal drugs. The most recent National Roadside Survey, conducted during 2013 and 2014, found a 20% weekend nighttime prevalence of drug presence in drivers, a statistically significant increase from the 16% found in the 2007 national survey. 1 A recent study of five Level-1 trauma centers found that 29% of drivers involved in serious injury and fatal crashes tested positive for at least one drug other than alcohol prior to the COVID-19 pandemic; this increased to 36% in the first four months of the pandemic. 2 The 2020 National Survey on Drug Use and Health estimated that 12,661,000 people aged 16 and older drove under the influence of drugs during the 2020 calendar year. 3 The presence of drugs is inconsistently tested after traffic events occur. There are challenges in determining whether the presence of drugs other than alcohol indicates impairment during an incident or crash because, unlike alcohol, measurements of other drug levels cannot reliably be used to determine impairment. Drug impairment is also severely underreported in police accident reports, including fatal traffic crashes. Data quality and availability vary widely between States, and cut-off levels used in laboratories to determine drug presence also vary widely.

Organisation: USA Government

Organisation department: Department of Transportation

Country: USA

Region:

Published date: 01/04/2022

Expiry date: 31/03/2026

Contact info: pressoffice@dot.gov

Link:

https://www.transportation.gov/sites/dot.gov/files/2022-03/DOT_Learning_Agenda.pdf

Oswald: [View Oswald data](#)

- New database launching this summer
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- Integrates with existing app – knows your researchers & their levels of policy experience

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Area of Research Interest (ARI)
Assigned to Stewart Allan (stewart@over... X)

In what ways do service interventions funded through violence and domestic terrorism prevention grants contribute to DHS goals for reducing individuals radicalizing to targeted violence and terrorism?

USA Government -> Department of Homeland Security

Expires 23/12/2023

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Thomas Bailey
thomas.bailey@lse.ac.uk

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Area of Research Interest (ARI)

In what ways do service interventions funded through violence and domestic terrorism prevention grants contribute to DHS goals for reducing individuals radicalizing to targeted violence and terrorism?

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Thomas Bailey
thomas.bailey@lse.ac.uk



Opportunity type
Area of Research Interest (ARI)

Published on
29/12/2024

Expires
29/12/2024

Country
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Organisation
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Department
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Opportunities / Areas of Research Interest (ARIs)

In what ways do service interventions funded through violence and domestic terrorism prevention grants contribute to DHS goals for reducing individuals radicalizing to targeted violence and terrorism?

Key concepts

- Evaluation of service interventions
- Preventing individuals from radicalizing to violence

Tags

Crime

Add a tag

Managed by

Select an administrator

Description

Individuals radicalizing to targeted violence and terrorism are a national problem that presents in different ways among individuals. The DHS Targeted Violence and Terrorism Prevention (TVTP) program provides federal support for whole-of-society, locally-based initiatives aimed at preventing radicalization, recruitment, and recidivism through the provision of educational, technical, and financial assistance.

The intended result of these services is preventing individuals from radicalizing to violence and providing “off ramps” for individuals that are radicalized to reduce the likelihood of mobilizing to violence. The short period of time that these programs have operated, combined with many factors that influence the radicalization to violence among individuals, leaves this effort open for the development of more robust performance measurement and evaluation efforts.

Expand

Matched researchers

Researcher

Thomas Bailey
Send email

Matt Williams
Professor of Economics
Send email

Tim Besley
School Professor of Economics and Political Science
tim.besley@lse.ac.uk

Esteban Aujeco
esetban.ujeco@lse.ac.uk

Robert Fox

Devon Lane

Dianne Russell

Ronald Richards

Eleanor Pena

Are you interested in engaging with this opportunity?

Contact Department of Homeland Security for more information
dhslearningagenda@hq.dhs.gov



Opportunity type
Area of Research Interest (ARI)

Published on
29/12/2024

Expires
29/12/2024

Country
USA

Organisation
USA Government

Department
Department of Homeland Security

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Opportunities / Areas of Research Interest (ARIs)

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< Expand

Matched researchers

Researcher

Thomas Bailey
[Send email](#)

Matt Williams
Professor of Economics
[Send email](#)

Tim Besley
School Professor of Economics
and Political Science
tim.besley@lse.ac.uk [↗](#)

Esteban Aujeco
esetban.aujeco@lse.ac.uk [↗](#)

Robert Fox
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Devon Lane
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Contact **Department of Homeland Security** for more
information

dhslearningagenda@hq.dhs.gov

Thanks!

- Enjoy the rest of your time in New Mexico!
- Feel free to email afterwards or connect on LinkedIn
- And reach out if you'd like trial access

euan@overton.io