

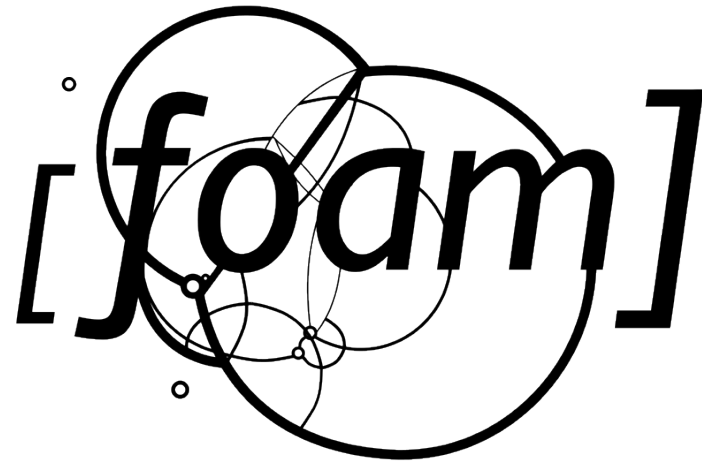
ACOFES

YOLAB

[foam]

What we are doing today

1. Basics of research culture - context.
2. Fact-checking media stories - basic steps.
3. Research in pairs - practice.
4. See if this is useful for climate/XR groups.



FoAM is a networked transdisciplinary lab: Kernow, Amsterdam, Brussels, Nordica, Filfla, Earth

We are generalists - people who work across disparate fields in an entangled, speculative culture

We are a non-profit organisation

We work open-source

Why are we doing this?

- Science affects many aspects of life.
Should I vaccinate my kids? What should I eat?
- Peer-reviewed literature, in scientific journals, is a primary source of information.
- Access to this information is unequal
(= knowledge inequality)
- We want to help people access this resource.

Our tax pays for research, so we should all have access to it.

Current situation

Global scientific output doubles every 9 years
- now ~2.5 million papers/year published in scientific journals.

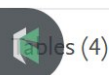
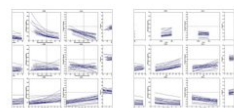
About 28% of published research is Open Access (~19M papers). The rest is behind paywalls (~£20-100/article).



Outline

[Abstract](#)[Keywords](#)[1. Introduction](#)[2. Methods](#)[3. Results](#)[4. Discussion](#)[Acknowledgments](#)[References](#)[Show full outline](#)

Figures (2)



Tables (4)

[Table 1](#)

Global Environmental Change

Volume 55, March 2019, Pages 25-35



Climate change perceptions and their individual-level determinants: A cross-European analysis

Wouter Poortinga ^{a, b, c, d, e}, Lorraine Whitmarsh ^b, Linda Steg ^c, Gisela Böhm ^{d, e}, Stephen Fisher ^f[Show more](#)<https://doi.org/10.1016/j.gloenvcha.2019.01.007>[Get rights and content](#)

Abstract

There is now an extensive literature on the question of how individual-level factors affect climate change perceptions, showing that socio-political variables, notably values, [worldviews](#) and political orientation, are key factors alongside demographic variables. Yet little is known about cross-national differences in these effects, as most studies have been conducted in a single or small number of countries and cross-study comparisons are difficult due to different conceptualisations of key climate change dimensions. Using data from the European [Social Survey](#) Round 8

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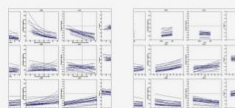
3

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Outline

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Figures (2)



Tables (4)

[Table 1](#)

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Citing articles (3)

Article Metrics

Citations

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3

Left ventricular non-compaction cardiomyopathy

Information needed - can you help?

I am a patient recently diagnosed with LVNC. I am looking for all papers related to my condition.

Requested by an anonymous user on 12/07/2018

[Doi.org/10.1016/j.canrad.2015.06.008](https://doi.org/10.1016/j.canrad.2015.06.008)

In progress - join and share the request

I am a radiologist who works with oncologists on treatment of lung cancer. I want to see if radiomics could help us

Requested by Severine, a health professional at APHP, 1 week ago

Cost-effectiveness evaluation of hpv self-testing offered to non-attendees in cervical cancer screening in switzerland

In progress - join and share the request

I'm conducting a systematic review of cost-effectiveness studies for HPV self-sampling and would be very keen to include this paper, but my institution doesn't have access. It would be great to be able to see the full text

Requested by Emily, a student at London School of Hygiene and Tropical Medicine, 1 week ago

Knowledge, attitude, and practices related to hepatitis B virus infection among Nigerian obstetricians and midwives

Information needed - can you help?

Greetings, I am a medical student in Lagos, Nigeria carrying out a study on Knowledge, attitude and risk factors of hepatitis B among waste scavengers in Lagos State. I would appreciate accesse to your study in order to use it in my literature review. Thank you in anticipation of a favourable response.

Requested by an anonymous user on 15/07/2018



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How we got here

For centuries publishing has been how scholars share their research.

Until relatively recently, this was paid for by sponsors, with peer-review done by research community or uni presses.

During Cold War, research expanded internationally, university sector grew, and funding grew – publishing became highly profitable.

Since 1980s, increased demands for accountability led to a culture of metrics. Academia grew into a 'prestige economy' operating on symbolic capital generated by publications.

How we got here

In last 25 years, there's been a growing divergence between the roles of academic publishing:

- Disseminating validated knowledge.
- Symbolic capital for academic career progression.
- Profitable business enterprise – 35-40% profits.

Tax-funded academics do the research, write the papers, make the figures, do the editing roles, do the peer review – all for free, sign over the copyright to publishers who then sell it back to them, typeset.

CHANGE IS HAPPENING

Awareness that accessibility of research is a serious issue (led by funders – Plan S, 2020).

Awareness that prestige of specific journals is primarily a marketing tactic by the publishers.

Open Access Journals
Non-Profit Journals (incl. Uni Presses)
Various work-arounds to access papers



Aaron Swartz downloaded articles from JSTOR - was bankrupted by legal fees, faced \$1 million in fines and 35 years in prison.

1986-2013.

Alexandra Elbakyan is in hiding due to the risk of extradition.

Elsevier was granted a \$15 million injunction against her.

~600,000 papers downloaded/day.



Universal Declaration of Human Rights, Article 27:

'Everyone has the right freely to
share in scientific advancement
and its benefits'

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