

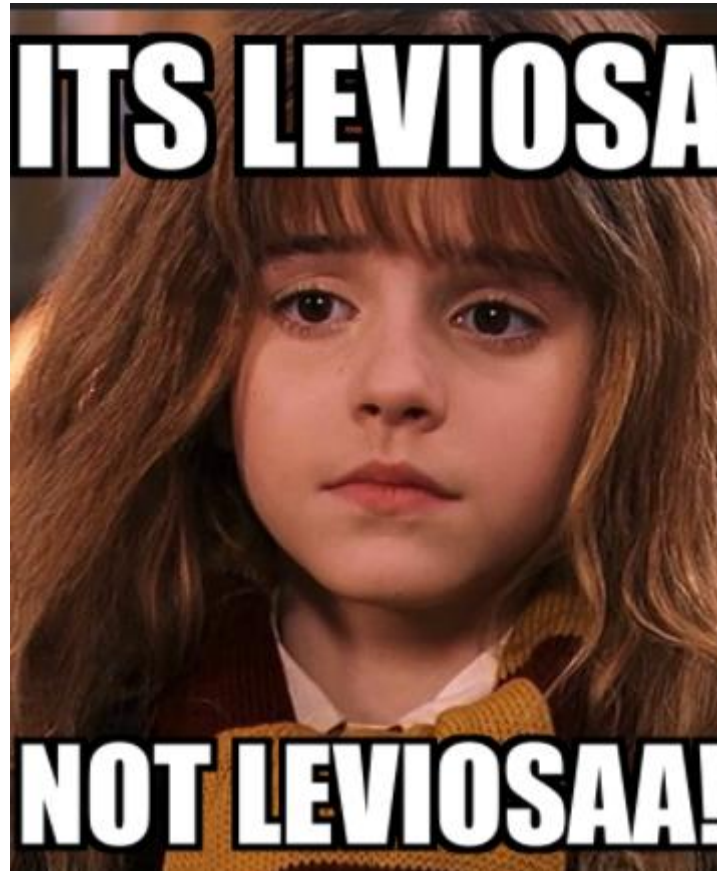
10th ICASR Meeting + DEST Hackathon

Hosted by PIK: Potsdam Institute
for Climate Impact Research

DESTINY Consortium Meeting

Welcome to Potsdam!

- ▶ 10th year of ICASR meetings



ICASR throwback

- ▶ **2015: Hosted alongside the Cochrane Colloquium in Vienna. 8 principles for the collaboration:**

“to enable tools to be developed and integrated into toolkits”

- ▶ Automation across the spectrum of SR tasks, improve all
- ▶ Automation for all types of reviews
- ▶ Continuous improvement
- ▶ Adherence to high quality standards or SR
- ▶ Flexibility of use and combining components
- ▶ Need for multidisciplinary teams
- ▶ Open-source, shared code and datasets
- ▶ Replicability through rigorous and open evaluation

Following years..

- ▶ Philadelphia (October 2016) adjacent to the Guidelines-International-Network (G-I-N) meeting: [interoperability](#), measuring acceleration, screening methods
- ▶ London (2017): automating [data extraction](#), [interoperability](#), standardised [evaluation methodologies](#)
- ▶ The Hague, Netherlands (2019)
- ▶ Bergen, Norway (2019): [data extraction](#)
- ▶ Online (2021): user experience, [interoperability](#), [tool evaluation](#), COVID-19
- ▶ Köln, Germany (2022) alongside IRM
- ▶ London, UCL (2023): [evaluation](#)
- ▶ Prague (2024) alongside Global Evidence Summit: from prototype to scalable tools: [data extraction](#), [interoperability](#), [evaluation](#)

2025 Agenda: trustworthy tools & evaluations, sharing datasets

14:15 - 14:45 Evidence Synthesis Infrastructure Collaborative: update

Will Moy (Campbell)

14:45 - 16:00 Presentation sessions

Session Chair: René Spijker

15 min presentations, plus 5 min Q&A in mini-panels of 2 presenters each:

Part 1:

- **"Responsible AI in Evidence Synthesis (RAISE): guidelines update"** James Thomas (UCL)
- **"Transferability model"** Kinlabel Miyaka (eBASE Africa)
- 5 min shared Q&A

Part 2:

- **"Living Review of Automated Data Extraction Methods: update focussing on open-source methods, available datasets, and LLM approaches"** Lena Schmidt (UCL)
- **"Data – the Bottleneck to Trustworthy SRA."** Elias Sandner (CERN) and Kavita Kothari (Independent consultant)
- 5 min shared Q&A

Cost Action Update (René Spijker)

16:00 – 16:30 Coffee break with DESTINY Consortium

16:30 - 17:30 Discussion: Attitudes and Trust toward Artificial Intelligence for Evidence Synthesis

Moderators: Jose Meneses-Echavez (Norwegian Institute of Public Health) and Ella Flemyng (Cochrane)

17:30 -18:00 Closing talk: DESTINY: AI-Powered Living Evidence for Climate & Health

Jan Minx (PIK)

18:00 -18:15 Summary and meeting close

19:30 Joint dinner at TOMASA, Kurfürstenstraße 52 14469 Potsdam



10/9/2021

The background features abstract blue geometric shapes. In the top left, there's a blue circle and a blue trapezoid. In the top right, there are several overlapping blue circles and triangles. A solid blue horizontal bar spans the bottom of the image, containing a dark blue circle on the left and a blue rounded rectangle on the right.

2025 Meeting Summary

BIG Thank you to...

- ▶ Co-organising committee from ICASR:
 - ▶ James Thomas, Rene Spijker, Jose Meneses, and Ella for input to the discussion session
- ▶ Our hosts
 - ▶ Shona McCulloch
 - ▶ Anja Kliese de Souza
 - ▶ Jan Minx
 - ▶ Tim Repke
 - ▶ The DESTINY Consortium

We've seen progress in ..

- ▶ Guidelines to help responsible adoption of DESTs
- ▶ Consensus on accuracy standards
- ▶ Well-performing, scalable application of AI
- ▶ Using AI to facilitate assessments of applicability (transferability) of evidence in different contexts globally

A lot more work is needed..

- ▶ High-quality Dataset sharing and **encouraging re-use**; Copyright issues (for full text datasets)
- ▶ Quantify real-world benefits of AI, vs humans
- ▶ Deployment of usable and well-evaluated tools (meaningful living evaluations)
- ▶ Designing user-interfaces
- ▶ .. And much more (TBC at the DEST Hackathon tomorrow)

Slides will be available



<https://icasr.github.io/>

Note: Next week there was a planned virtual ICASR on screening and methods to stop screening early.

We've had to cancel due to speaker cancellations

Decision to postpone to be able to
broader programme

THANK YOU!

For those joining in-person, we will be meeting at 19.30 at

**TOMASA, Kurfürstenstraße 52,
Potsdam**

For a joint dinner between ICASR and
DESTINY

