

# New Crossref Initiatives

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# New Initiatives

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- **Early Content Registration**

<http://blog.crossref.org/category/content-registration>

- **Crossref Event Data** (formerly DOI Event Tracker)

<http://blog.crossref.org/2016/04/crossref-event-data-early-preview-now-available.html>



**Crossref**

Content  
Registration

**(coming soon!)**

# Currently: Registration at Publication

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# Why Early Content Registration?

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Broken links from unregistered DOIs undermine trust in persistent links and availability of content

- **Publishers-**

- cannot meet funder mandates that focus on acceptance point for reporting
- advance publicity & press leave out DOIs or lead to broken links

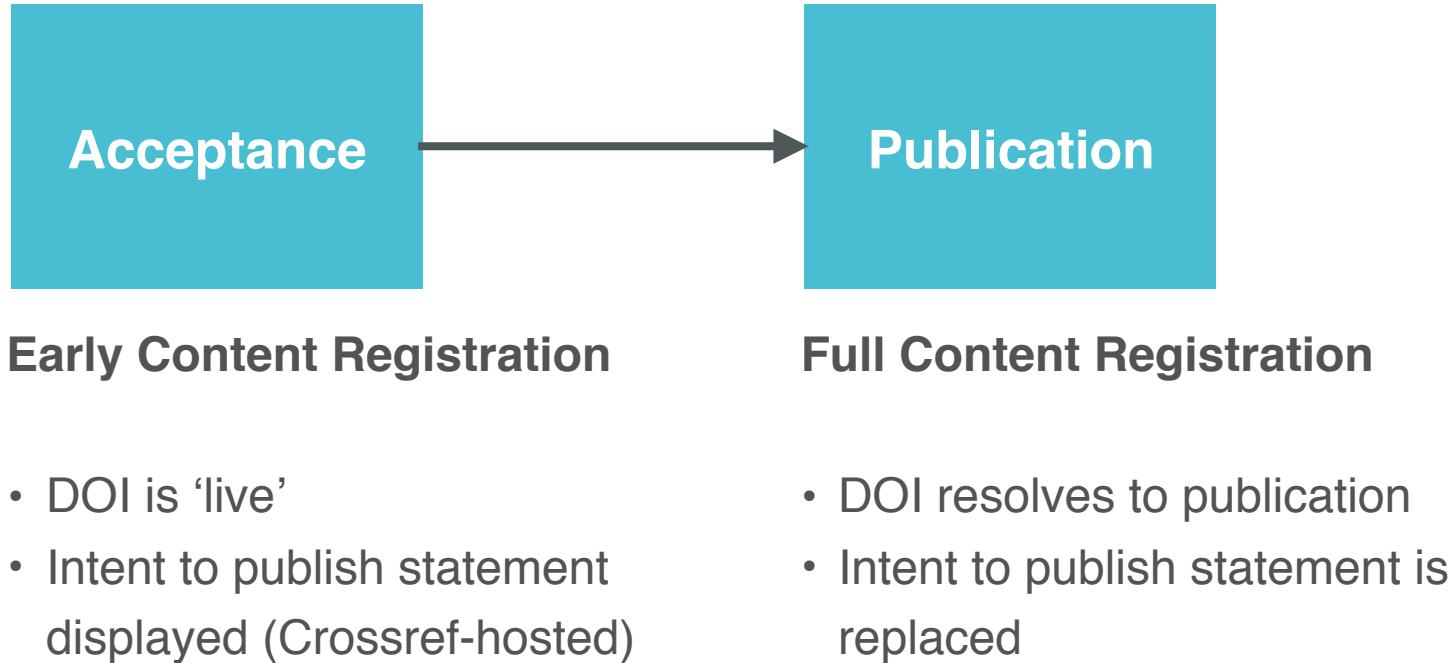
- **Researchers** - cannot provide evidence of all publications in grant and employment applications

- **Funders & institutions** - cannot fully track research they support

# Coming: Registration at Acceptance

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Soon



# Metadata Requirements

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Must include	Should include	May include
<ul style="list-style-type: none"><li>• DOI</li><li>• Date of acceptance</li><li>• Publisher name</li><li>• Journal/Book/Conference title</li><li>• "Intent to publish" statement (provided by publisher or Crossref in its absence)</li></ul>	<ul style="list-style-type: none"><li>• Funding information (Open Funder Registry)</li><li>• ORCID iDs</li><li>• License</li><li>• Author affiliation</li><li>• ISSN/ISBN</li></ul>	<ul style="list-style-type: none"><li>• Publisher logo</li><li>• Custom "intent to publish" statement</li><li>• Publication title</li><li>• Item title (e.g. article title)</li></ul>

# Withdrawals

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Publication record information:

- **publication status**
- publication history
- ORCIDs & contribution (CReDiT)
- clinical trial information
- rights or licensing information
- funding information
- peer review processes







**Crossref**

Event Data

**(coming soon!)**

## In a nutshell...

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- Open clearinghouse of data on publications activity online
- Tracking ‘events’ such as shares, mentions, discussions, recommendations, usage, etc.
- For publishers, funders, institutions, media outlets, technology providers, etc. to enable research monitoring, discovery, and information management

# Initial Event Data Sources

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BLOGS & REFERENCE WORKS	SOCIAL BOOKMARKS	SOCIAL SHARES & DISCUSSIONS	LINKS TO RESEARCH ENTITIES
Research Blogging	CiteULike	Facebook	ORCiD
ScienceSeeker	Mendeley	Reddit	DataCite
Wordpress.com		Twitter	Europe PMC Database Citations
Wikipedia			

# Clearinghouse as Infrastructure

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**A central point for collecting & propagating data to the community, benefits of scale & ease of access:**

- No need to manage multiple online sources where scholarly activity occurs
- No need for individual bilateral agreements between consumer and sources
- Comprehensive tracking coverage across publishers

# Infrastructure transparency & trust

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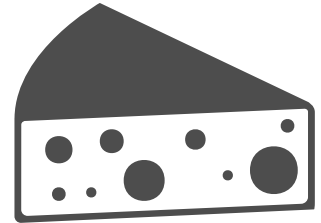
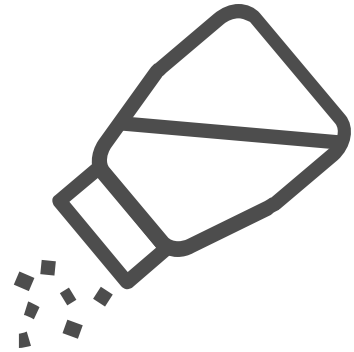
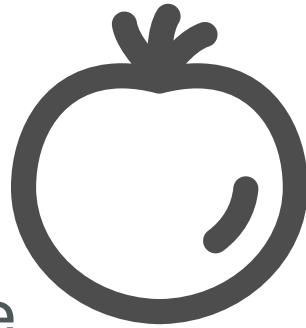
## Data is:

- Comprehensive - collected for all Crossref DOIs, regardless of publisher
- Open - made openly available to all
- Comparable - collected in a standard way across aggregators
- Auditable & portable
- Long term data preservation

# Data, not metrics

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Ready to use:  
programmatically  
available for tool  
development & reuse



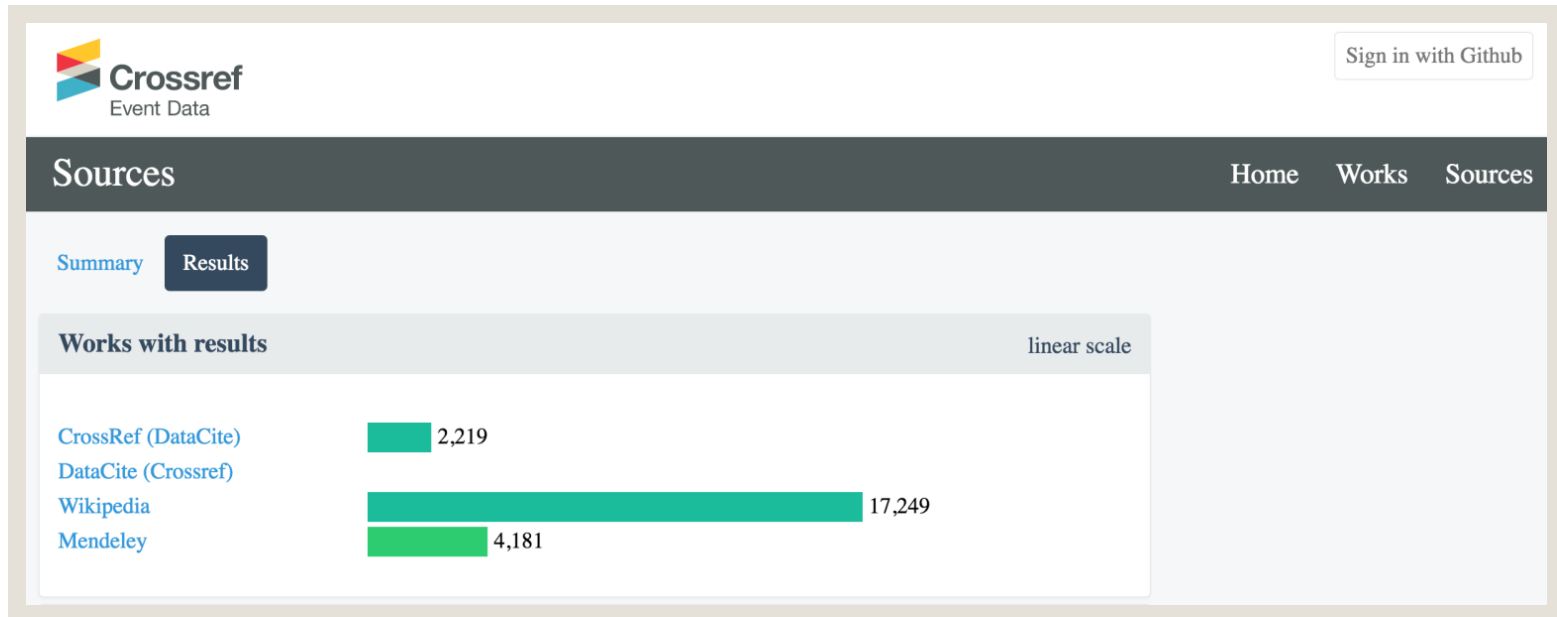
# Use cases

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- Surface qualitative stories about researcher work
- Report on the reach of research within specific communities & public at large
- Identify hot, new areas for journal development
- Inform editor and reviewer recruitment efforts
- Discover relevant research
- Discover new collaborators
- Track funding results
- Report on institutions and consortia outputs...

# Have you taken a peek inside yet?

<http://eventdata.crossref.org/>





## Works

### United States of America Fossil-Fuel CO<sub>2</sub> Emissions

Dataset published 2011

DOI [http://doi.org/10.3334/CDIAC/00001\\_V2011](http://doi.org/10.3334/CDIAC/00001_V2011)

Relations Results

7 Relations

### Assessing the magnitude of CO<sub>2</sub> flux uncertainty in atmospheric CO<sub>2</sub> reanalysis products from NASA's Carbon Monitoring Flux Pilot Project

Lesley E. Ott, Steven Pawson, George J. Collatz, et al

Journal Article published January 20, 2015 via Journal of Geophysical Research: Atmospheres

Cites [http://doi.org/10.3334/CDIAC/00001\\_V2011](http://doi.org/10.3334/CDIAC/00001_V2011)

<http://doi.org/10.1002/2014JD022411>

### Net terrestrial CO<sub>2</sub> exchange over China during 2001-2010 estimated with an assimilation system for atmospheric CO<sub>2</sub>

H. F. Zhang, B. Z. Chen, I. T. van der Laan-Luijkx, et al

Journal Article published March 20, 2014 via Journal of Geophysical Research: Atmospheres

## Works

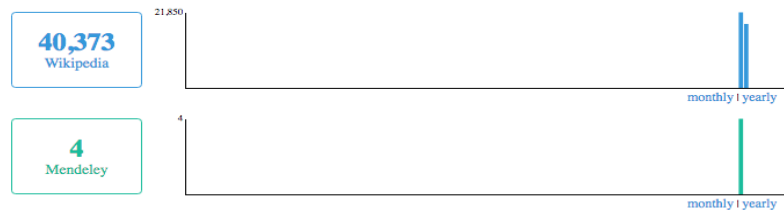
### Updated world map of the Köppen-Geiger climate classification

Work published October 11, 2007

DOI <http://doi.org/10.5194/HESS-11-1633-2007>

Relations Results

### Results



# Keep an eye on our development

We will continue to add new data sources to the early preview interface as they are developed. Be warned though, we may break a few eggs from time to time!

So keep an eye on our information page at <http://eventdata.crossref.org/> as well as the Crossref Blog for regular progress updates.

But if you're game, why not jump straight on to <http://api.eventdata.crossref.org/> and start your data discovery journey.



*Chicken by anbilero adaleru from the The Noun Project*

# Thank you!

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