

Open Knowledge Maps Discovery for an Open Science

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Co-created with Maxi Schramm

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The 2014-2016 **Ebola epidemic** in West Africa claimed more than 11,000 lives

It could have been prevented using public knowledge

Opinion

OP-ED CONTRIBUTORS

Yes, We Were Warned About Ebola

By Bernice Dahn, Vera Mussah and Cameron Nutt

April 7, 2015

"The results seem to indicate that Liberia has to be included in the Ebola virus endemic zone." Knobloch et al. **1982**

There is an adage in public health: **"The road to inaction is paved with research papers."** Uncitedness (publications): 12% - 82% (Larivière & Gingras 2009)

Uncitedness (data): 85% (Peters et al. 2016)

Transfer to practice (medicine): 14%, taking 17 years (Balas 1998)

Dark Knowledge (Jeschke et al.)



There is a discoverability crisis

that negatively impacts effectiveness & efficiency of science, and its transfer to practice.

| Google | educational technology | © Go | |
|--|---|------|--|
| Scholar | About 2,450,000 results (0.05 sec) | | |
| Articles Legal documents | [СІТАТІОN] Time for Results: Task Force on Leadership and Management , Task Force on Educational Technology 1986 - National Governors' Association Cited by 385 Related articles Cite | | |
| Any time Since 2012 Since 2011 Since 2008 Custom range | Thinking Technology: Toward a Constructivist Design Model. DH Jonassen - Educational technology, 1994 - ERIC Abstract: Discussion of constructivism and instructional design focuses on the development of a design model for constructivist environments that supports the construction of knowledge, a meaningful context for learning, and collaboration among learners and with Cited by 918 Related articles BL Direct Cite More • | | |
| Sort by relevance Sort by date | <u>Conditions That Facilitate the Implementation of Educational Technology Innovations.</u> DP Ely - Educational Technology, 1999 - ERIC Abstract: Describes eight conditions that facilitate implementation of the technology-based change process: dissatisfaction with the status quo, existence of knowledge and skills, | | |
| ✓ include patents ✓ include citations | availability of resources, availability of time, existence of rewards or incentives, Cited by 211 Related articles BL Direct Cite More ▼ | | |
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Who we are



Open Knowledge Maps is **a charitable non-profit organization**

dedicated to dramatically **improving the visibility of scientific knowledge**

for science and society alike

Overview of heart diseases







https://openknowledgemaps.org

Advantages



Largest visual search engine for research



First 2.5 years: **1/2 million** visits on the site **100,000+** maps created **1500+** participants in workshops



All of our services are free & open



Our offering includes:

- Innovative search and discovery services
- ✓ Integrations for BASE, PubMed, and OpenAIRE
- ✓ A wide range of training activities and materials
- ✓ Our award-winning visualization software
- Community support & engagement programs



Core Team



Peter Kraker Founder & Chairman



Maxi Schramm UX Designer & Treasurer



Christopher Kittel Data Scientist & Secretary



Asura Enkhbayar Software Architect



Scott Chamberlain Data Sources



Rainer Bachleitner Frontend Developer



Fabian Kraut Marketing



Najmeh Shaghaei Community Coordinator



Björn Brembs Requirements & Evaluation



Thomas Arrow Frontend Developer



Know Center Organizational member



Ludwig Boltzmann Gesellschaft Supporting member







Peter **Murray-Rust**

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Natalia Manola



Bertil F. Klaus Tochtermann Dorch



Katja Mayer Falk Reckling



Birgit Schmidt



Daniel Mietchen



Michael E. Karpeles



Elisabeth

Lex

Osman Aldirdiri



Lambert

Heller





Michela Vignoli



Claudia

Garád



Stefan Kasberger Stefanie Haustein



Isabella

Peters

Andreas **Ferus**



Tony Ross-Hellauer



Zhang

Sebastian Dennerlein



Antica Culina



Florian Heigl



Robert Gutounig

Christian

Schlögl



Daniel

Dörler



Christian Kaier



















Strong Partnership with Libraries

Librarians are among **our most important advisors and partners**

We increase the visibility of library content by including sources that many commercial products do not index

We collaborate with libraries to develop innovative open source projects

The cycle of continuous innovation





WIKIDATA









A: 0.5% of RELX's CEO's yearly salary

B: Google's revenue from advertising, every 30 seconds

C: Est. revenue of Nature Communications every two days



A: 0.5% of RELX's CEO's yearly salary

=€95,000!

B: Google's revenue from advertising, every 30 seconds

C: Est. revenue of Nature Communications every two days D: The total budget of Open Knowledge Maps, including collaboration projects ... in the past 2.5 years

Let's make the open infrastructure sustainable!

DontLeaveltToGoogle DontLeaveltToSpringerNature DontLeaveltToElsevier

Membership-based Funding

We propose to fund Open Knowledge Maps in a collective effort: organizations become supporting members and provide a yearly contribution

In return, we invite our members to co-create the platform with us. Members become part of the Board of Supporters, which is directly involved in the decision-making process for the technical roadmap.

| Category | Membership Fee | |
|-------------------------|--------------------------|--|
| Supporting members | EUR 2,800/year | |
| Sustaining members | EUR 4,800/year (or more) | |
| Sustaining members PLUS | EUR 9,800/year (or more) | |



Official membership recruitment partner

Our vision



https://vimeo.com/188647919

Your support matters

Tell us what you think

Introduce OKMaps to your researchers, students and colleagues

Consider becoming a supporting member

... and don't forget to **sign-up** for our Newsletter ;-)



Thank you for your attention!

Contact: twitter.com/PeterKraker pkraker@openknowledgemaps.org

