

# WSIS+15

## One Open Access Data Set Gained, Many Others Not Shared: The Realities, Roadblocks and a Good Vision of Open Access and Open Source to Tackle Real-World Progress



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## **‘Open Access data sharing’**

as the new platform for a free, fair and open global information society with opportunities for everybody



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RIO Convention, e.g. GBIF.org



Convention on  
Biological Diversity

Budapest & Berlin Declarations

Citizen Science, e.g. eBIRD, iNATURALIST

UN Decade of the Ocean



Fair Open Access Principles

CODATA Beijing Declaration on Research Data

ICSU/ISC

NSF etc.

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as the new platform for a free, fair and open global information society with opportunities for everybody



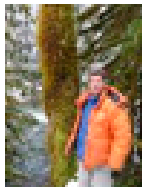
Papua New Guinea



Annapurna, Nepal

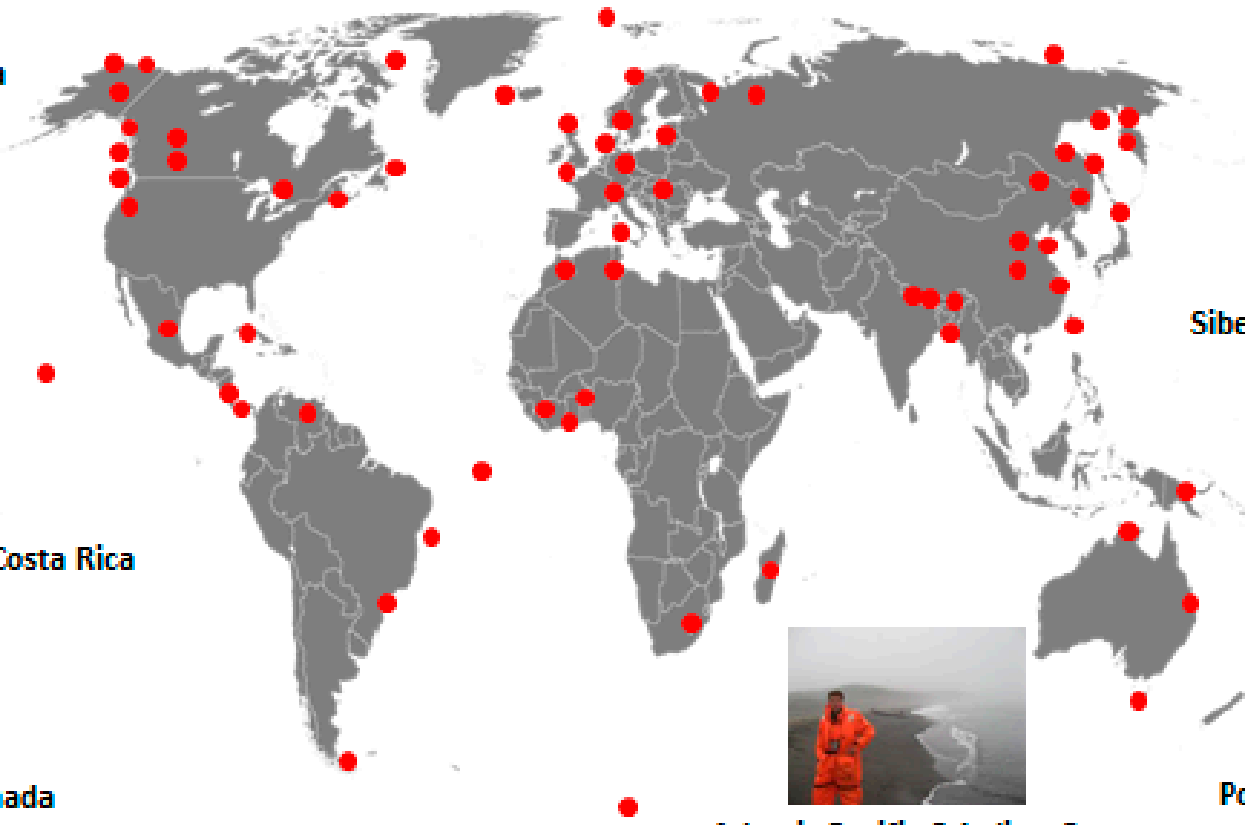


Cuba, Nicaragua, Costa Rica

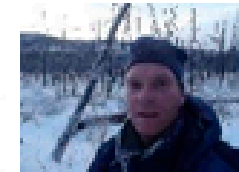


East and West Canada

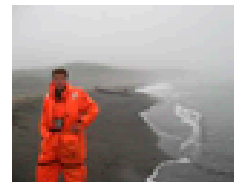
## Our own research done last 30 years worldwide



Siberia & Sakhalin, Russia



Interior Alaska



Atlantic, Pacific & Indian Oceans



Poyang Lake, Harbin & Shanghai, China

## ‘Open Access data sharing’

as part of a federated global governance

### The main players:

UN  
Nation state  
Federal Government  
State Government  
Local Government



### Some ‘traditional’ main players:

Science Organizations  
Publishers  
Universities  
Libraries  
Citizens  
(Schools)

### Some new main players:

Internat. Publishers/Journals  
Social Media  
International Corporations  
Pharmaceutical Companies  
Insurance Companies  
etc.

## **‘Open Access data sharing’**

The New World Unregulated

Essential (technical) questions undefined for the wider public good

Who owns/develops the computers/hardware

Who ‘owns’ the internet

Who owns the servers and server farms

Who owns the software/Operating Systems

Copyright & property laws ?

(Internet) tax ?



# 'Open Access data sharing'

Legal failures

Essential question undefined for the wider public good



UN Constitution

National Constitutions

Supreme Courts

Business Laws

Professional Educations and Legal Professions



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## Reality World View 2020

Pandemics: The Corona Crisis, Avian Influenza, Ebola etc

Climate Change Crisis: All UN agreements got missed

Social Crisis: ~All recent relevant UN targets got missed, e.g. poverty, migrants, trafficking

Economic Crisis: Most nations are heavily in public debt

Environmental Crisis: Massive species & habitat declines and extinctions

Military Crisis: Terror, World Wars for long time

Future Crisis: No good outlook whatsoever





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## Reality World View 2020

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=> Comes to  
the rescue



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Reality World View 2020



**'Open Access data sharing'**

Reality World View 2020

Environmental Examples:

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Reality World View 2020

Environmental Examples:

### Snow Leopards



Ganga Ram Regmi  
Falk Huettmann *Editors*

Hindu Kush-Himalaya  
Watersheds Downhill:  
Landscape Ecology and  
Conservation Perspectives

EXTRAS ONLINE

 Springer

**Huettmann F. (2020) Chapter 23. A governance analysis of the snow leopard, its habitat and data: Who owns charismatic animals and who drives and uses the agenda for what? In: G.R. Regmi and F. Huettmann (eds). Hindu Kush-Himalaya Watersheds Downhill: Landscape Ecology and Conservation Perspectives. Springer Dordrecht, Holland. pp. 459-472.**

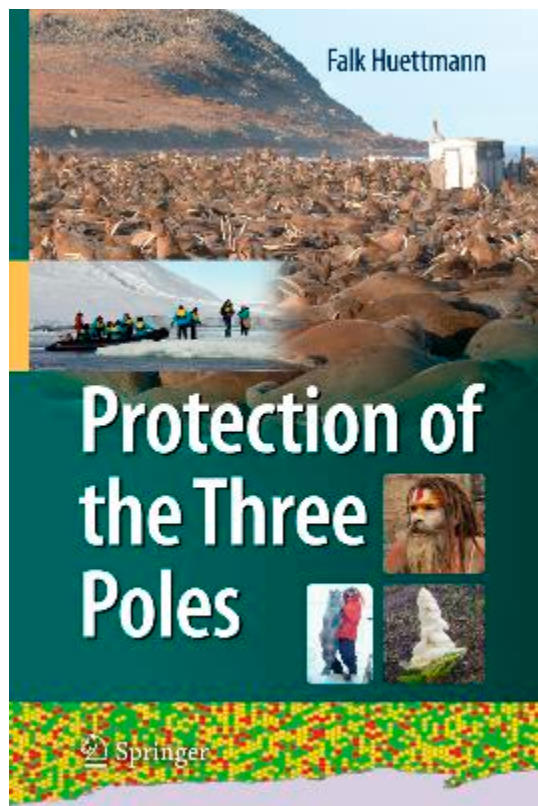
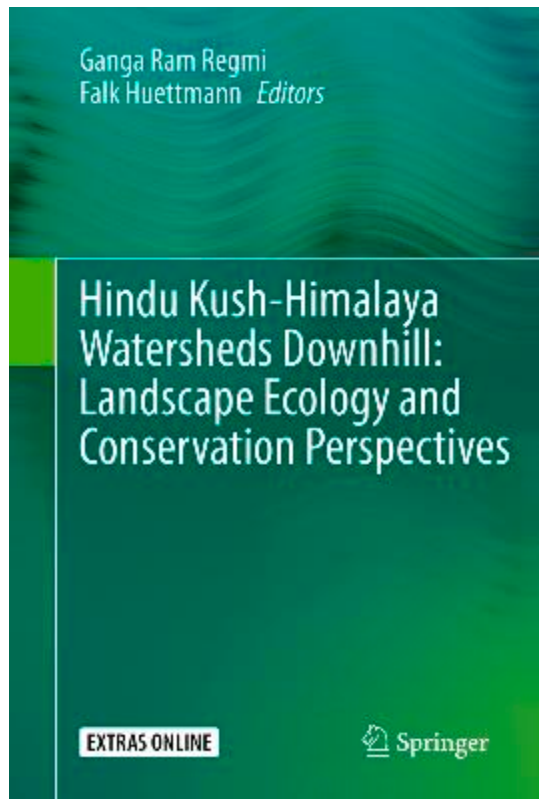
**'Open Access data sharing'**

Reality World View 2020

Environmental Examples:



**Snow Leopards or Polar Bears...**



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Reality World View 2020

Environmental Examples:

## Tigers




nature > scientific reports > articles > article

MENU **SCIENTIFIC REPORTS**

Article | [Open Access](#) | Published: 10 July 2020

### Multi-scale habitat modelling and predicting change in the distribution of tiger and leopard using random forest algorithm

Tahir A. Rather , Sharad Kumar & Jamal A. Khan

*Scientific Reports* **10**, Article number: 11473 (2020) | [Cite this article](#)

**908** Accesses | **8** Altmetric | [Metrics](#)

#### Abstract

Tigers and leopards have experienced considerable declines in their population due to habitat loss and fragmentation across their historical ranges. Multi-scale habitat suitability models (HSM) can inform forest

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Reality World View 2020

Environmental Example:

EU Bird Banding Attribute Data, e.g. BirdLife International, EURING

Implications for illegal bird kills in Malta, Cyprus, N. Africa, EU/UK etc.

Implications for industrial bird kills, e.g. ‘take’ and environmental impact studies

See it the same in Asia (but not North America)

**Jiao S., F. Huettmann, Y. Guoc, X Li and Y Ouyang (2016) Advanced long-term bird banding and climate data mining in spring confirm passerine population declines for the Northeast Chinese-Russian flyway. Global and Planetary Change 144 C: 17-33  
DOI: 10.1016/j.gloplacha.2016.06.015**



versus



MAX-PLANCK-GESELLSCHAFT

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Reality World View 2020

e.g.



Environmental Examples:

versus

Animal Movement Tracking Data







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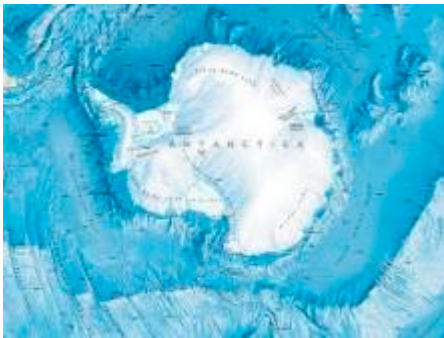
Reality World View 2020

Environmental Examples:

versus

Animal Movement Tracking Data

e.g.

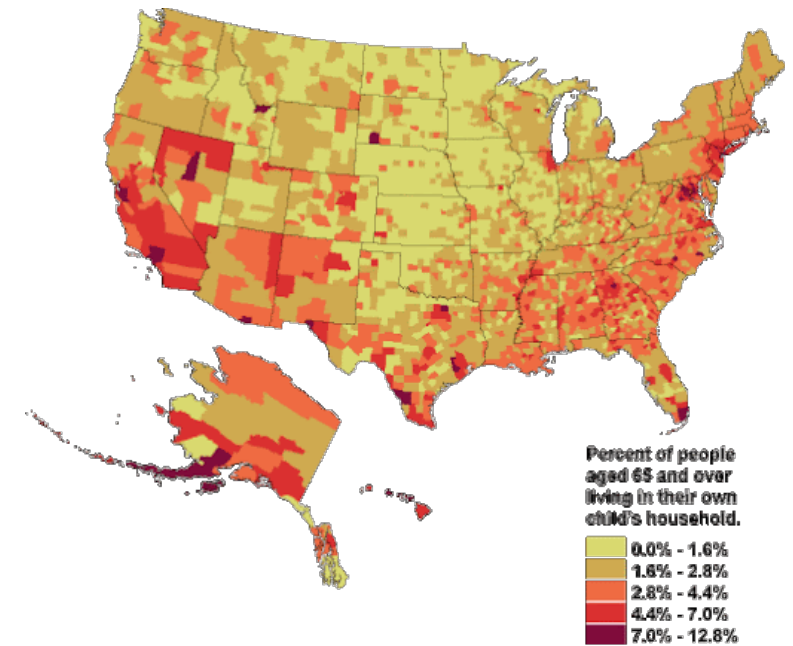
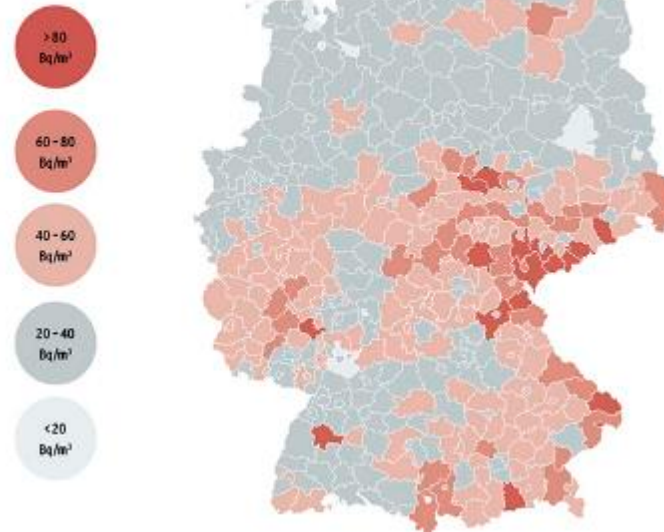


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## Reality World View 2020

### Environmental Examples:

Zoonotic Disease, Cancer Data and Socio-Economic Data



Radon Index

# **'Open Access data sharing'**

Reality World View 2020

Environmental Examples:

Publishers and Peer-Review

# 'Open Access data sharing'

Reality World View 2020

Environmental Examples:

Publishers and Peer-Review

## BEALL'S LIST OF POTENTIAL PREDATORY JOURNALS AND PUBLISHERS

PUBLISHERS

STANDALONE JOURNALS

VANITY PRESS

CONTACT

OTHER

### Potential predatory scholarly open-access publishers

**Instructions:** first, find the journal's publisher – it is usually written at the bottom of the journal's webpage or in the "About" section. Then simply enter the publisher's name or its URL in the search box above. If the journal does not have a publisher use the [Standalone Journals](#) list.

**All journals published by a predatory publisher are potentially predatory unless stated otherwise.**

### Original list

GO TO UPDATE

This is an archived version of the Beall's list – a list of potential predatory publishers created by a librarian [Jeffrey](#)

### Useful pages

[List of journals falsely claiming to be indexed by DOAJ](#)

[DOAJ: Journals added and removed](#)

[Nonrecommended medical periodicals](#)

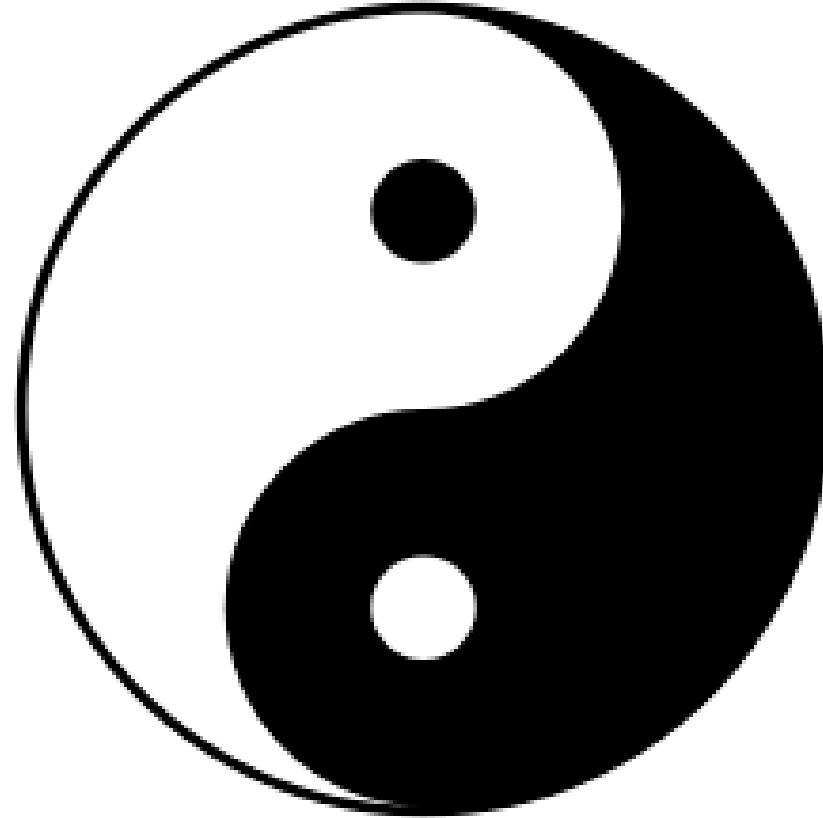
[Retraction Watch](#)

German  
Informatics Society



**‘Open Access data sharing’**

Where to go from here ?



# 'Open Access data sharing'

Where to go from here ?

