
Offene Forschungsdaten Open Data



*Klaus Tochtermann
ZBW Kiel/Hamburg
30. Juni 2020*

Bedeutung von Forschungsdaten



0:14 / 1:43

HD

© REUTERS

23.12.2005

Klon

Star-Forscher der Fälschung überführt

Der südkoreanische Klon-Pionier Hwang Woo-Suk ist als Professor zurückgetreten. Seine spektakulärsten Forschungsergebnisse waren gefälscht. Doch ganz freiwillig soll das Geständnis nicht gewesen sein.

HWANG WOO-SUK

Klonversuche komplett gefälscht

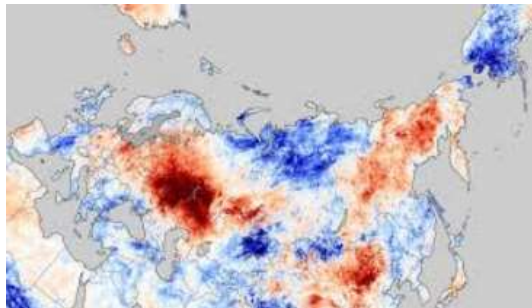
VON JOACHIM MÜLLER JUNG - AKTUALISIERT AM 29.12.2005 - 19:24

<http://www.faz.net/aktuell/wissen/leben-gene/hwang-woo-suk-klonversuche-komplett-gefaelscht-1279261.html>

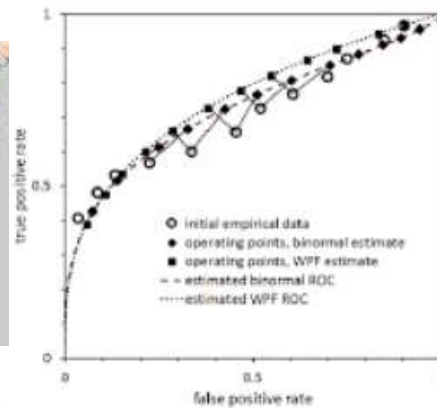
Was sind Forschungsdaten?

Forschungsdaten sind Daten, die im Zuge wissenschaftlicher Vorhaben entstehen, z. B.

Beobachtungen



Befragungen



**Quellen-
forschungen**



Digitalisierung



Was sind Offene Daten (Open Data)

Offene Daten sind Daten, die von allen frei benutzt, weiterverwendet und geteilt werden können



Plattformen für Offene Daten

The image displays a collage of four open data platform interfaces:

- GovData:** A German data portal with a search bar, filters, and a list of results. It includes a sidebar with categories like 'Bevölkerung und' and 'Bildung, Kultur und'.
- OpenSeaMap:** A free sea chart application showing a map of the North Atlantic with a search bar and a 'Submit Data' button.
- PANGAEA:** A data publisher for Earth & Environmental Science, featuring a 'Submit Data' button and a 'Welcome' message.
- Zenodo:** A digital repository for research outputs, showing a search bar, login/sign-up buttons, and a section for 'COVID-19 related communities'.

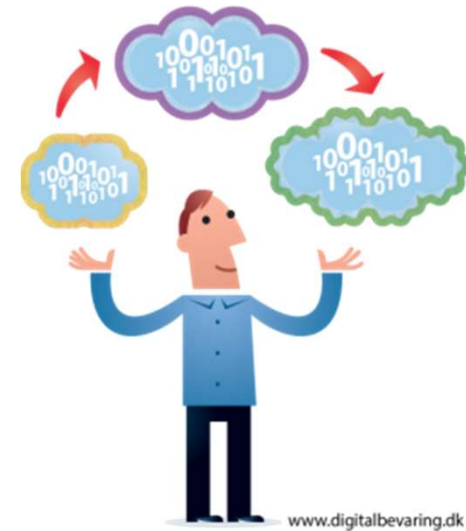
Chancen der Offenheit

- Öffentlich finanzierte Daten offen zugänglich machen
- Kostenersparnis, durch Vermeidung von Doppelerhebungen
- Offener Zugang erweitert Partizipation und Demokratisierung



Grenzen der Offenheit

- Datenschutz
- Verfälschung von Daten
- Wettbewerbsrecht
- ...



FAIR Data

2016

Data and
services that
are
findable,
accessible,
interoperable,
re-usable
both for
machines and
for people.

nature > scientific data > comment > article

SCIENTIFIC DATA

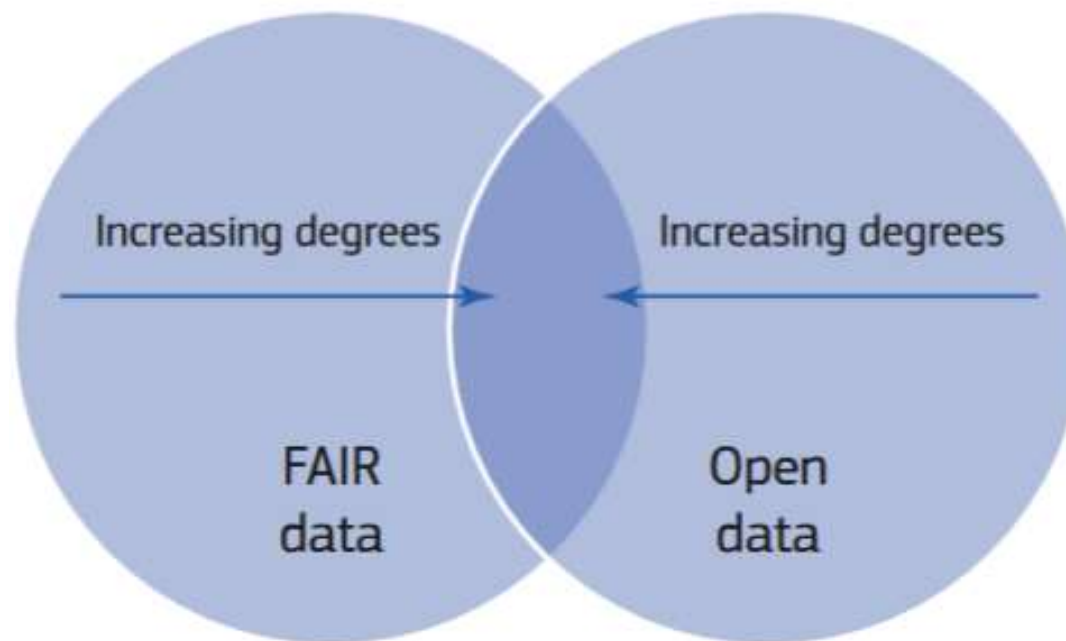
Comment | **OPEN** | Published: 15 March 2016

The FAIR Guiding Principles for scientific data management and stewardship

Mark D. Wilkinson, Michel Dumontier, IJsbrand Jan Aalbersberg, Gabrielle Appleton, Myles Axton, Arie Baak, Niklas Blomberg, Jan-Willem Boiten, Luiz Bonino da Silva Santos, Philip E. Bourne, Jildau Bouwman, Anthony J. Brookes, Tim Clark, Mercè Crosas, Ingrid Dillo, Olivier Dumon, Scott Edmunds, Chris T. Evelo, Richard Finkers, Alejandra Gonzalez-Beltran, Alasdair J.G. Gray, Paul Groth, Carole Goble, Jeffrey S. Grethe, Jaap Heringa, Peter A.C. 't Hoen, Rob Hooft, Tobias Kuhn, Ruben Kok, Joost Kok, Scott J. Lusher, Maryann E. Martone, Albert Mons, Abel L. Packer, Bengt Persson, Philippe Rocca-Serra, Marco Roos, Rene van Schaik, Susanna-Assunta Sansone, Erik Schultes, Thierry Sengstag, Ted Slater, George Strawn, Morris A. Swertz, Mark Thompson, Johan van der Lei, Erik van Mulligen, Jan Velterop, Andra Waagmeester, Peter Wittenburg, Katherine Wolstencroft, Jun Zhao & Barend Mons  - Show fewer authors

Scientific Data **3**, Article number: 160018 (2016) | Download Citation 

FAIR vs. Open



GO FAIR - DE, NL, FR (<https://www.go-fair.org/>)



Initiativen – European Open Science Cloud

(<https://www.eosc-portal.eu>)



[About](#) [Services & Resources](#) [Policy](#) [Use Cases](#) [Media](#) [For prov](#)
[Subscribe](#)

[Home](#) » [Search](#) » [Content](#)

Search

Enter your keywords

FAIR

Search results

Workshop series: Services to support FAIR Data

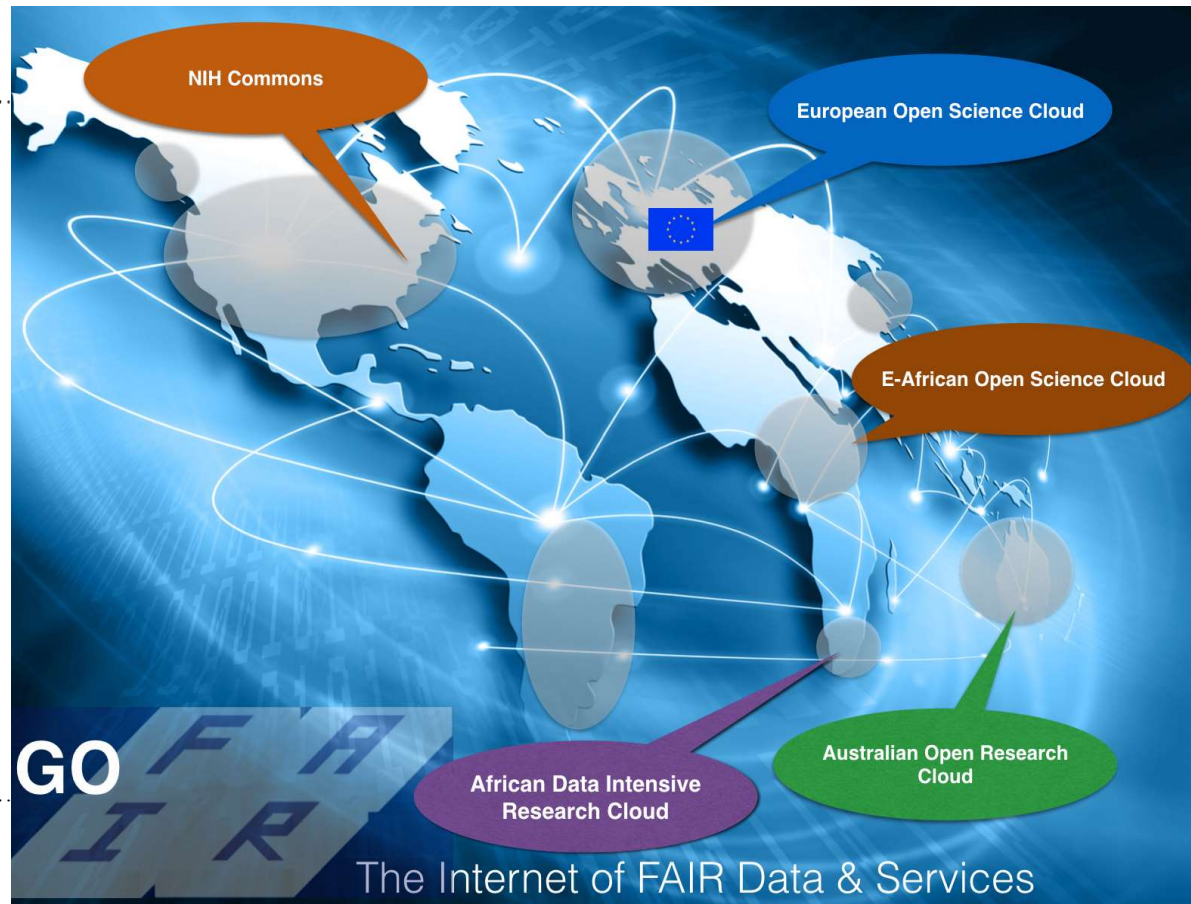
... in April and one in September, called 'Services to Support **FAIR** data'. Objectives The purpose of these workshops is to ... how to deliver services that support the creation of **FAIR** research outputs. The three half-day events, tailored to different ...

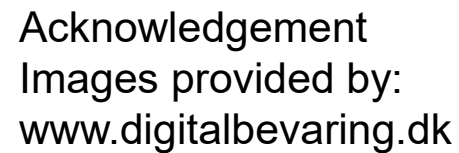
Ilaria Fava - 03/26/2019 - 16:04

The EOSC Portal at the Open Science Fair

... On September 16-18, the second Open Science **Fair** will take place in Porto. The EOSC Portal will be showcased with a ... Read more on the poster on the website of the Open Science **Fair**. In addition to the poster session, during the workshop "Making ...

... und die Welt





Email: k.tochtermann@zbw.eu