What role can Open Science play in enabling South-North dialogues?

Johanna Havemann, PhD
March 19, 2019 in Berlin, Germany
With **Open Science**, researchers in Africa, Latin America and South-East Asia can:

- access research results
- contribute their own research outputs
- build transcontinental collaborations more effectively
open source infrastructure for region- and discipline-specific preprint repositories
African scientists launch their own preprint server

The free, online outlet is one of a growing number where academics on the continent can share their work.

25 June 2018

Smitri Mallapaty

Nature Index (June 25, 2018)

A research platform for African scientists will take papers in local languages

African languages will have a formal role in the scientific research community with the launch of a repository that encourages and accepts research in indigenous languages including Swahili, Arabic, Fula, Yoruba and more.

27 June 2018

QUARTZ Africa (June 27, 2018)
Submissions in African languages

AfricArXiv users can submit their work in Swahili, Yoruba, Igbo, Afrikaans, Wolof, Fon, or any African language.

About 2,000 languages are spoken in Africa.

A high amount of traditional and indigenous knowledge

A research platform for African scientists will take papers in local languages, QUARTZ Africa (June 27, 2018)
Africa’s preprint platform: a gateway for mother tongue science, Research Africa (June 28, 2018)
AfricArXiv users can submit their work in **Swahili, Yoruba, Igbo, Afrikaans, Wolof, Fon**, or any African language.

About **2,000 languages** are spoken in Africa.

A high amount of **traditional and indigenous knowledge**
Languages Are Still a Major Barrier to Global Science

Google Scholar search on #biodiversity #conservation in 16 languages

#OSciBar session: Languages in Open Science

https://etherpad.wikimedia.org/p/oscibar2019_session14

We need **language diversity** in science.

We need a **common language** to connect.

We suggest a **balanced use of both** while using as much **technology for support** as possible.
AfricArxiv, 2018 in numbers

- Paper Downloads: 1511
- Page Views: 21271+
- Unique Visitors: 5892+
- Preprints Published: 025

info.africarxiv.org
Team

Joy Owango
Luke Okelo
Obasegun Ayodele
Justin Sègbédji Ahinon
Jo Havemann
Steering Committee

Justin Sègbédji Ahinon, University of Parakou, Bénin
Jo Havemann, IGDORE, Germany
Samuel Lampa, Uppsala University, Sweden
Obasegun Tekena Ayodele, Vilsquare, Nigeria
Greg Simpson, Royal Holloway University of London, UK
Luke Otieno Okelo, Technical University of Kenya
Ahmed Ogunlaja, Open Access Nigeria
Chukwuemeka Ubaka, University of Nigeria
Kwasi Boateng, Valley View University, Ghana
Miriam Conteh-Morgan, University of Sierra Leone
Alfred Orina Isaac, Technical University of Kenya
Diane Igoche, Robert Morris University, USA
Justin Arenstein, Code for Africa, Tanzania
Joy Owango, TCC Africa, Kenya
Victoria Wenzelmann, University of Siegen, Germany
Kathryn Kellett, University of California, San Diego, USA

info.africarxiv.org
Partners
Open Science enables Global Knowledge Exchange

- More visibility for [African] research output
- Increased collaboration across the continent
- Triggering interdisciplinary research
Open Science enables Global Knowledge Exchange
Open Science enables Global Knowledge Exchange
Open Science enables Global Knowledge Exchange

facebook.com/africarxiv /groups/africarxiv/

linkedin.com/company/africarxiv/

github.com/africarxiv

bit.ly/africarxiv-slack

@africarxiv

@johave

Johanna Havemann, PhD

info.africarxiv.org