

Increase your impact through better metadata



Registering a DataCite DOI Step
by step- NADRE, Ethiopia



giz



HELLO! I'm Yared A.Ergu

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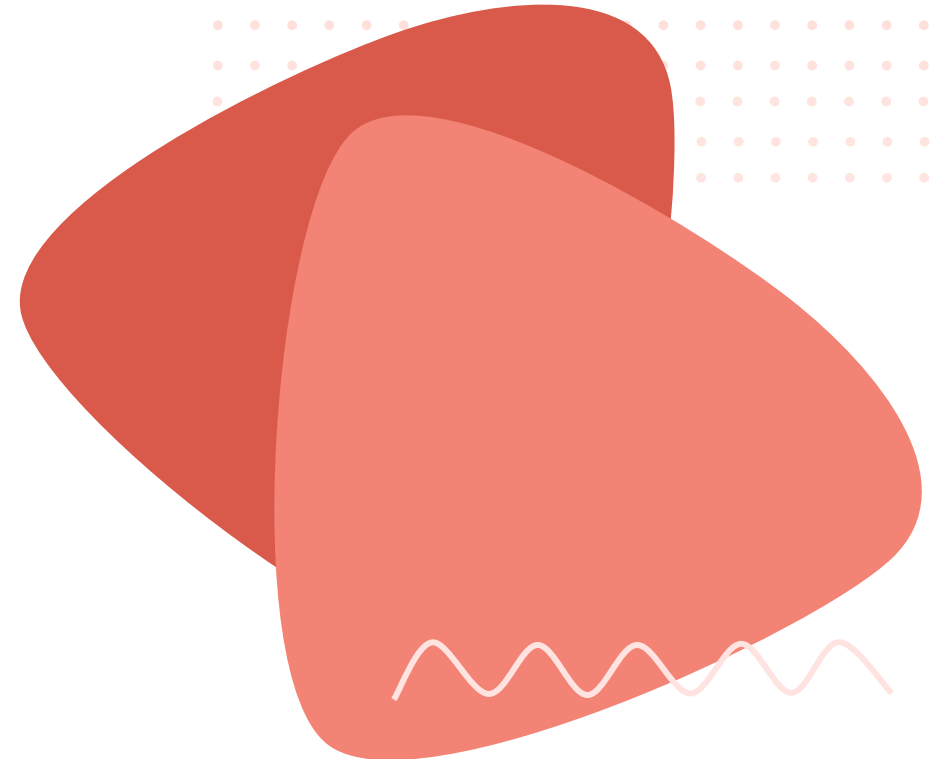
<https://librarycarpentry.org/advisory/>

Ethiopia

How does the NADRE managed to get DOI?

Before getting DOI

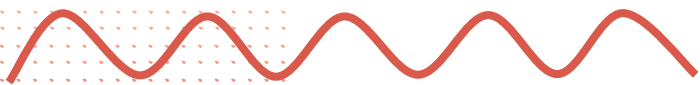
- MoE and its Open Access Policy(2019)
- Issues with Opening Up
- How does the NADRE get DataCite DOI?
- Summary and Conclusion



MoE and its Open Access Policy?



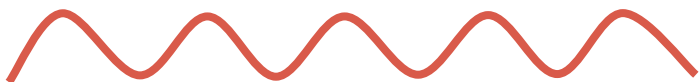
- ❑ Universities are advocates for open access to research, which is why Some Ethiopian Universities are working hard to increase the number of open access articles available both on NADRE and elsewhere.
- ❑ The then Ministry of Science and Higher Education Ethiopia (MoSHE) and now MoE, adopted a national open access policy in 2019 that mandates open access to all published articles, theses, dissertations, and data resulting from publicly-funded research conducted by staff and students at the universities, which are under the Ministry's that number over 47 across Ethiopia.



Issues with Opening Up: OA Awareness Training Undertaken



- ❑ EIFL (*Electronic Information for Libraries*) collaborated with the (CEARL) and AAU to improve open access awareness in Ethiopia 2016.
- ❑ Increasing Digital Literacy for Researchers: Data Carpentry, Software Carpentry, Library Carpentry Training and Opening centers
- ❑ Open Science Open Data Open Access: Sci-GaIA
- ❑ The workshop on Research Data Stewardship and infrastructure for Ethiopian Stakeholders was co-organized by ESC and the University of Vienna as a NADRE side event in Gondar.



- ❑ The joint efforts resulted in the adoption, in June 2019, of a national open access policy. At the same time, the Ministry of Science and Higher Education launched a national repository and journals project, coordinated by AAU.



Mission

→ The National Academic Digital Repository of Ethiopia (NADRE) intends to provide researchers, lecturers, students and stakeholders from outside of the academic world access to all research works published by Ethiopian universities and research institutions.

National Academic Digital Repository of Ethiopia

- **Research. Shared.** — all research outputs from across all domains of Ethiopian research are welcome!
- **Findable. Citeable. Discoverable.** — each upload gets a Digital Object Identifier (DOI) to make it easily and uniquely citeable. You can (automatically) link your research outputs to your ORCID profile.
- **Communities** — create and curate your own community for a workshop, project, Division. Laboratory, service, journal, etc. into which you can accept or reject uploads.
- **Funding** — you can associate an upload to the grant that has funded the work.
- **Flexible licensing** — you can choose among several licenses. You can also upload closed or embargoed research outputs.

Specifically: How it all started for NADRE

2016

An ESC brought experience regarding Open Science Workshop
The Sci-GaIA workshop on Open Science for research without Frontiers

2017

The EthERNET e-Research Hackfest is held in Addis Ababa
EthERNET hosted UbuntuNet-Connect 2017 conference

2018

The NADRE kick-off conference is held with participation of international experts

2019

The actual implementation of NADRE started
Workshop on Research Data Stewardship and e-infrastructure for Ethiopian Stakeholders

Till today

Digital Literacy training for researchers, librarians, data stewards and other personnel is ongoing through the support of Carpentries Ethiopia and ESC and others

Who is involved in NADRE Project

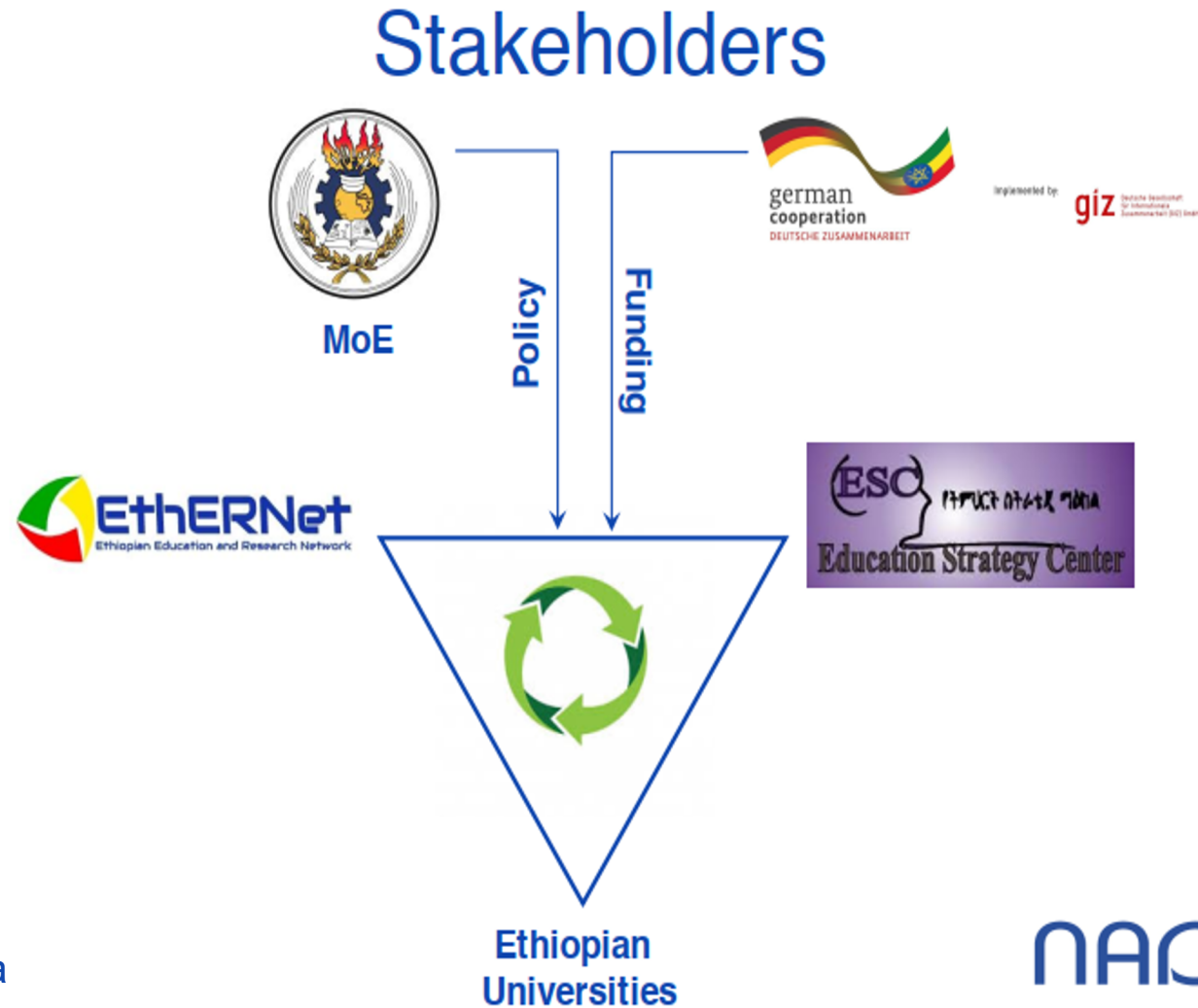


Photo Credit to Prof. Roberto Barbera (University of Catania – Italy - roberto.barbera@ct.infn.it)
18 October 2018 – Fourth NADRE Training Workshop – Dilla (Ethiopia)

Responsibilities

Responsibilities Of universities and research institutions:

Disseminating the standards necessary to accommodate research works to the NADRE repository- including research ethics

-Promoting the creation of ORCID to the researchers

- Managing the issuance of DOI to tag research documents

Responsibilities Of EthERNet :

Providing space to host ADRs to requesting institutions

Providing technical support

Managing the creation of DOI sub prefixes to the requesting institutions

Training IT staffs to cope-up with the challenges and periodic maintenance

Responsibilities Of ESC:

-To coordinate between institutions and EthERNet

To provide consultancy and advice on how to work with NADRE, how get ORCID IDs and a link to the digital contents afterwards.

To organize workshops and tutorials for librarians and data curators



How does NADRE get DOI DataCite?

- The DataCite DOI prefix 10.20372 which was originally assigned to NADRE in the context of an agreement between the Ethiopian Ministry of Education and the Conference of Rectors of Italian Universities, which is the DataCite Member in Italy.
- Since a few months, however, the UbuntuNet Alliance has taken over as DataCite Member for the African region that includes Ethiopia.



Summary and Conclusions

- Ethiopian Universities are working hard to increase the number of open access articles available on NADRE and elsewhere with proper DOI DataCite.
- MoE adopted a national open access policy in 2019 that mandates open access to all published articles, theses, dissertations, and data.
- The DataCite DOI prefix 10.20372 was issued to NADRE as part of an agreement between the Ethiopian Ministry of Education and the Conference of Rectors of Italian Universities, which is a DataCite Member in Italy.
- The issue of registering DOI is a series of steps that requires considerable effort from many stakeholders
- EthERNET has played a great deal of role in realizing NADRE and DOI for the digital contents across many ADRs in Ethiopia



**Thank
you!**

Application of Amharic Text X

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Application of Amharic Text Based Reasoning in Academic Disciplines: The case of Higher Education Institutions in Ethiopia

November 11, 2019

Thesis Open Access

DOI 10.13140/RG.2.1.2215.0566

Keyword(s): Case based Reasoning, HEI, Ethiopia, AI CBR

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License (for files):

Editor(s): Tibebe Beshah(PhD)

Thesis supervisor(s): Tibebe Beshah(PhD)

Master Thesis

Preview

Page: 25 of 122 Automatic Zoom

The prototype developed with Textual case based reasoning system is evaluated to confirm the performance of the system to meet the objectives outlined. Validation and Verification are

Thank you!