

Workshop: Developing West African Research Data Repositories

Data repositories play a vital role in open science, insuring long term preservation and dissemination of data according to the FAIR principles – that is, data are Findable, Accessible, Interoperable, and Reusable. There are a growing number of data repositories in West Africa, but in general the region lags behind the rest of the world in terms of the number of repositories and their collective data holdings. Data repositories should adhere to the TRUST principles (Transparency, Responsibility, User community, Sustainability, and Technology), and this requires capacity building and sustainable funding models. This session will introduce the International Science Council's World Data System and CoreTrustSeal requirements, and describe how these requirements are met by the NASA Socioeconomic Data and Application Center (SEDAC), managed by CIESIN at Columbia University. After this, we will proceed to a roundtable of experts from regional data repositories, who will share their successes and challenges in setting up sustainable research data infrastructure. The workshop will close with an open discussion on regional needs and opportunities for data archiving and dissemination.

13h00-14h30 - WDS (Système des Données Mondiale), CoreTrustSeal, et l'expérience de SEDAC (Chair and presenter : Alex de Sherbinin, CIESIN)

14h30-14h45 – Pause-café

14h45-16h00 – Table ronde avec des représentants de WASCAL, SASSCAL, AGRHYMET, CSE, et ENSEA (Chair : Arona Diedhou)

16h00-17h00 – Discussions and roadmap for enhancement of capacity of data repositories in Africa (Animateur: XXX)