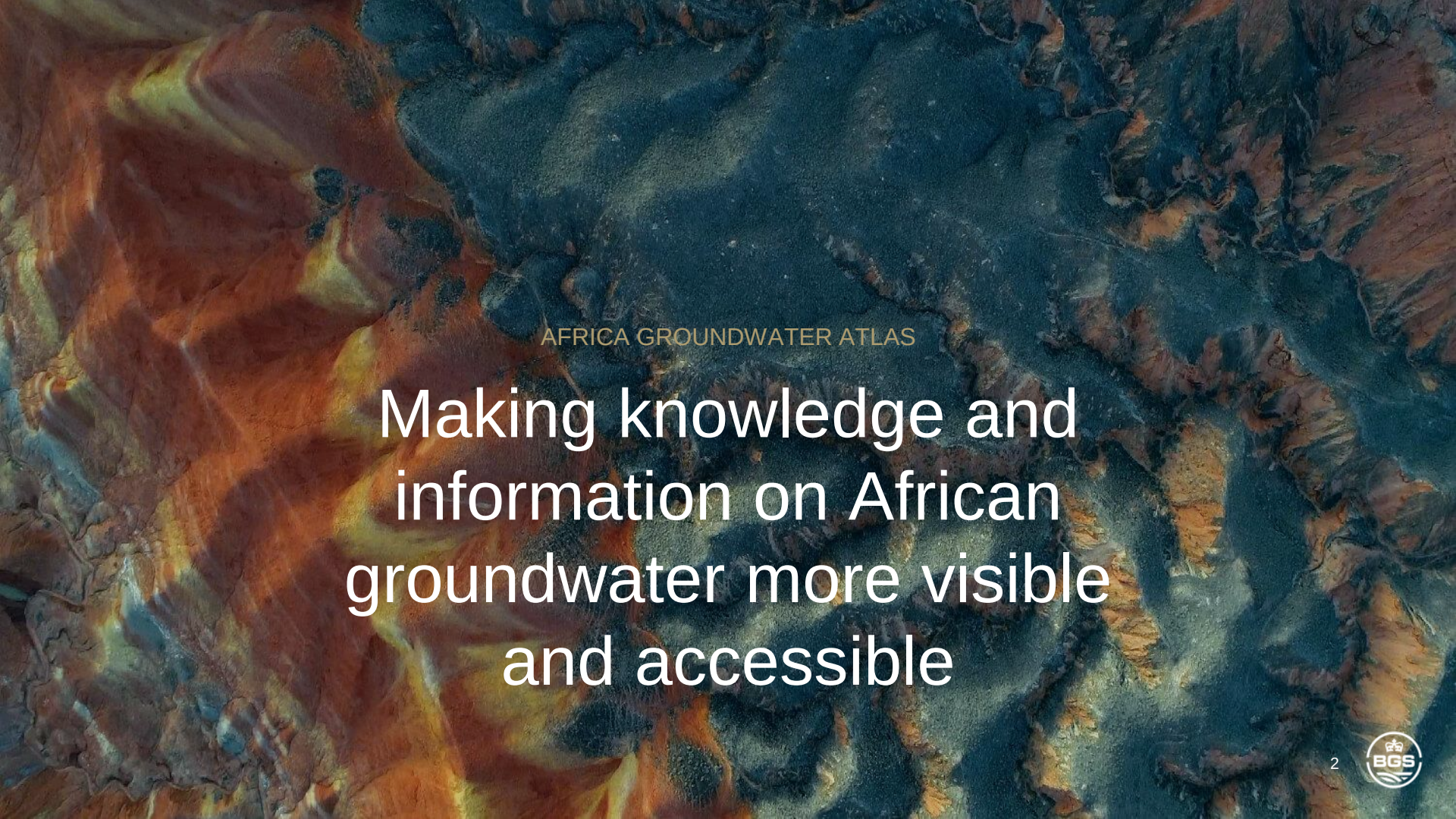
KIRSTY UPTON, BRITISH GEOLOGICAL SURVEY

Linking the Africa Groundwater Atlas with AMCOW's Knowledge Hub

SIWI WORLD WATER WEEK 2021

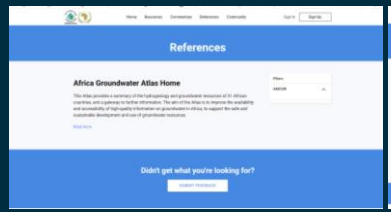
UP Gro Unlocking the Potential of Groundwater for the Poor

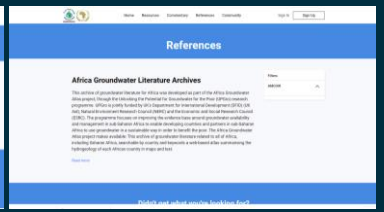
British Geological Survey


AFRICA GROUNDWATER ATLAS
Making knowledge and information on African groundwater more visible and accessible

What is the Africa Groundwater Atlas?

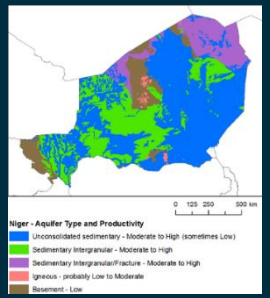
- **Online**, **open access**, Wikipedia style platform
- Provides a **consistent overview** of groundwater in each country
- Summarises **existing groundwater information** and provides a **gateway** to more detailed information
- Developed in collaboration with >50 **African hydrogeologists**
- Wide **range of users**: hydrogeologists, practitioners, policy and decision makers, academics
- Linked through **AMCOW Knowledge Hub**

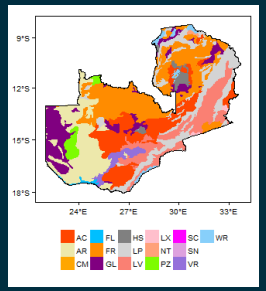


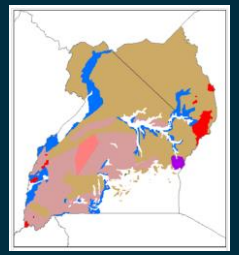


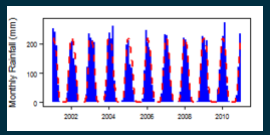
What's inside the Africa Groundwater Atlas?

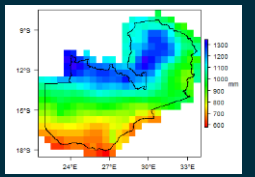
- Country pages
  - **Maps**: new downloadable hydrogeology maps for 38 countries (1:5 million scale)
  - **Background info**: summary of climate, soil, land cover, surface water, socio-economics
  - **Geology & hydrogeology**: overview of main geological formations and aquifers
  - **Groundwater**: overview of quality/quantity status, use, management, regulation and key institutions
- Resource Pages & Case Studies
  - **Resource pages**: e.g. manual drilling, siting boreholes
  - **Case Studies**: e.g. community groundwater monitoring in Burkina Faso, reasons for borehole failure in Uganda, acid mine drainage in South Africa

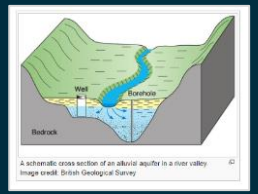


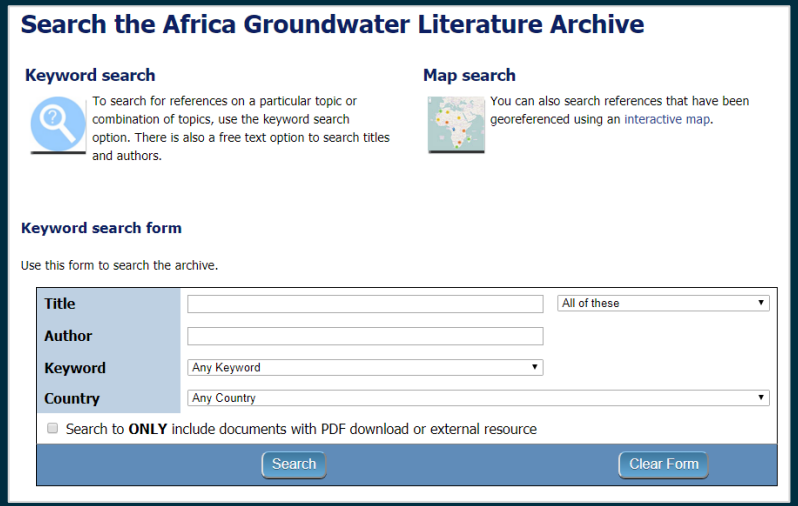










Africa Groundwater Literature Archive

- Comprehensive index of African groundwater literature: **>8000 entries**
- **Full text download** if available or **link to online abstract/entry**
- **Search** by title, author, keyword or map
- Hoping to integrate with **AMCOW Knowledge Hub** soon…