

TO.

TUNDE OLARINOYE

Water Resources Scientist & International Advisor

Hydrology · Environmental Data · International Development

Advancing water science for a sustainable future.

Dr. Tunde Olarinoye is a water resources scientist and hydrologist with a PhD from the University of Freiburg, specialising in groundwater and karst hydrology, soil moisture observation and large-sample hydrological data. As Scientific Officer at the International Centre for Water Resources and Global Change (ICWRGC), a UNESCO Category 2 Centre at the German Federal Institute of Hydrology, Dr. Olarinoye works on the International Soil Moisture Network, a global open data service. Earlier work led the development of WoKaS, the first global open database of karst spring discharge, published in Scientific Data. Educated in Nigeria, the Netherlands, Portugal and Germany, Dr. Olarinoye convenes international conference sessions and workshops, contributes to IAHS and European research networks, and is open to advisory, consulting and research collaboration on water resources and environmental data.

EXPERTISE

- Hydrology and water resources assessment
- Soil moisture and hydroclimatic monitoring
- Geospatial analysis, Earth observation and modelling
- Environmental data management and digital infrastructure
- Water information systems and scientific data governance

SERVICES

- Hydrology and Water Resources Advisory
- International Development Consulting
- Water Data and Digital Solutions
- Research Mentoring and Academic Collaboration
- Keynotes, Workshops and Professional Speaking
- Strategic Advisory

CREDENTIALS

- PhD Hydrology, University of Freiburg
- Joint M.Sc. Groundwater and Global Change (Erasmus Mundus: IHE Delft, IST Lisbon, TU Dresden)
- Scientific Officer, UNESCO ICWRGC, since 2021
- 6 peer-reviewed articles, including Scientific Data and HESS
- Lead of WoKaS, global karst spring dataset (400+ springs)

SPEAKING TOPICS

- Open data for resilient water governance
- Soil moisture observations: from the field to Earth observation validation
- Connecting global water data centres: what users and policy makers need

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