

NIHSA Annual Flood Outlook — Nigeria's AI-Assisted Flood Risk Forecasting Across 250+ Monitoring Stations

AI in the Public Sector · Good practice · Nigeria

Quality score: 40/100

Evidence strength: Moderate

Summary

Nigeria's Hydrological Services Agency says it deployed deep-learning models trained on 200+ years of flood data for its 2026 Annual Flood Outlook, citing ~88% precision and flagging 14,118 high-risk communities — widely reported but not independently verified.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	0/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-13

[Nigeria Hydrological Services Agency \(NIHSA\)](#) — accessed 2026-07-13

[Guardian Nigeria](#) — FG deploys AI forecast, eyes water economy — accessed 2026-07-13

[News Agency of Nigeria](#) — NIHSA pledges data-driven approach — accessed 2026-07-13

[Supreme Magazine](#) — NIHSA adopts AI, community reporting, insurance — accessed 2026-07-13

[NIHSA](#) — official agency site — accessed 2026-07-13

Cite this — Evidoria. *NIHSA Annual Flood Outlook — Nigeria's AI-Assisted Flood Risk Forecasting Across 250+ Monitoring Stations*. Persistent ID: e316cce4-8aca-4e9e-be62-01f949d98dff.