

Azeez Adewale Hamzat

Doctoral Researcher in Collective Intelligence and Group Decision-Making

Dublin, Ireland | [Email](#) | [Website](#) | [LinkedIn](#) | [ORCID](#) | [Google Scholar](#)

RESEARCH INTERESTS

Collective intelligence and group decision-making; information diversity and collective accuracy; agricultural knowledge systems; participatory decision-making; human-AI interaction in groups; agent-based modelling of social dynamics.

EDUCATION

PhD Researcher, Collective Intelligence and Group Decision-Making | 2025-present

TCD-TUD SOHAM Centre, Technological University Dublin, Ireland

Doctoral fellowship investigating information diversity, influence, and collective accuracy when AI becomes part of group decision processes.

MSc, Collective Intelligence | 2020-2022

Mohammed VI Polytechnic University (UM6P), Morocco

Ibn Rochd Excellence Scholarship. Thesis on smallholder farmers' perceptions of cluster farming in Nigeria using a community knowledge-based assessment.

BTech, Crop and Environmental Protection | 2009-2014

Ladoke Akintola University of Technology (LAUTECH), Nigeria

Foundation in agricultural science, environmental systems, and field research.

PUBLICATIONS AND RESEARCH OUTPUTS

Four Decades of Greenhouse Gas Emissions in Africa (1970-2024): Structural Trends, Sub-Regional Divergence, and the Case for Climate Equity | Submitted manuscript, 2026

Hamzat, A. A. | Independent research

Details withheld while the editorial process is ongoing.

Towards Anticipatory Innovation Systems: Learning from Africa's Triangular Trap | Forthcoming

Karuri-Sebina, G., Adesida, O., and Hamzat, A. A. | Accepted book chapter

In The New Handbook for National Innovation Systems and Developing Countries. Publication details forthcoming.

Hamzat, A. A. (2022). *A Community Knowledge-Based Assessment of Smallholder Farmers' Perception of Cluster Farming*. [Zenodo preprint](#)

PROFESSIONAL EXPERIENCE

Outreach and Communications Officer | 2023-2025

Africa Initiative, Mohammed VI Polytechnic University (UM6P), Morocco

- Designed outreach strategies connecting UM6P with educational institutions across Africa.
- Facilitated collaborative sessions, co-organised events, and supported cross-institutional meetings.
- Created and maintained the department website and produced more than 100 weekly newsletter editions.
- Applied collective-intelligence principles to organisational communication and stakeholder engagement.

Packaging Supervisor | 2017-2020

Olam International, Nigeria

- Supervised production-line staff and equipment across multiple shifts.
- Coordinated quality-control processes and resolved production bottlenecks under tight deadlines.

RESEARCH EXPERIENCE

Master's Thesis Research | 2021-2022

UM6P and fieldwork in Nigeria

- Designed and conducted a community knowledge-based assessment of smallholder farmer perceptions.
- Collected and analysed qualitative and quantitative evidence from farming communities in southwestern Nigeria.
- Connected agricultural extension methods with collective-intelligence frameworks.

Computational Research Projects | 2020-2022

Mohammed VI Polytechnic University, Morocco

- Built an agent-based model of misinformation evolution in social networks.
- Conducted an exploratory corpus-based analysis of 607 climate-technology articles using word embeddings, sentiment analysis, and factor analysis, with comparison to global emissions data.

INDEPENDENT PROJECT

Constellation, Founder and Developer | 2026-present

Private collective-intelligence platform

Designed and developed a private environment for trusted groups to coordinate support, record decisions, and preserve shared learning without turning relationships into public performance metrics.

METHODS AND TECHNICAL SKILLS

Programming and data |

Python, R, agent-based modelling, data analysis, data visualisation, and natural language processing.

Research methods |

Participatory research, fieldwork, survey design, qualitative analysis, community knowledge assessment, and experimental thinking.

Communication |

Academic writing, science communication, stakeholder engagement, facilitation, and web development.

LANGUAGES

English and Yoruba (native); French (working proficiency); Arabic (basic).

AWARDS AND FELLOWSHIPS

Doctoral Fellowship | 2025

TCD-TUD SOHAM Centre

Ibn Rochd Excellence Scholarship | 2020

Mohammed VI Polytechnic University