



AI for Good Challenges on Zindi

AI for Good Global Summit 2026 | Paul Kennedy



Zindi is the leading data science and AI competition platform focused on Africa and other developing and emerging markets. We build skills and spark innovation to solve real-world problems.

120K+
users

28%
women

190+
countries



ZINDI AT A GLANCE



500+

AI problems
solved



120K+

AI builders
served



28%

female
participation



\$1.5M

paid to Zindians



450+

universities
supported



200+

Zindi
ambassadors

ZINDI ITU PARTNERSHIP



31

AI challenges
(and counting!)



15,000+

participants



\$200K+

invested in
winners



GeoAI



ML5G



**Language and
Governance**



THIS YEAR

Classification for Landslide Detection	1 000 EUR
GEOAI Challenge for Cropland Mapping in Dry Environments	1 000 EUR
Your Voice, Your Device, Your Language Challenge	1 000 EUR
Measuring What Matters Proposal Challenge by ITU	1 000 EUR
AI Telco Troubleshooting Challenge	35 000 EUR
Telco Troubleshooting Agentic Challenge	40 000 EUR
Multilingual Health Question Answering in Low-Resource African Languages Challenge	5 000 EUR
GeoAI Aquaculture Pond Identification Challenge	1 000 EUR
A Step ahead of Drought: Forecasting Global Water Storage Challenge	1 000 EUR

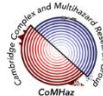
THIS YEAR



Food and Agriculture Organization
of the United Nations



UNIVERSITY OF
CAMBRIDGE



UNIVERSITÀ
DEGLI STUDI
DI PADOVA





The AI Telco Troubleshooting Challenge by ITU

€35 000 EUR

Completed (5 months ago)

Skills you will learn

Root Cause Analysis

Fault Detection

Edge AI

Anomaly Detection

Large Language Models

1314 joined

251 active

Info

Data

Chat

Leaderboard

Accept terms

Start ⓘ

28 Nov 25

Close ⓘ

02 Feb 26

Reveal ⓘ

02 Feb 26



Can your fine-tuned LLM detect and explain unseen network failures?

Reducing the operational cost of network faults - whether caused by hardware failures or software misconfigurations - is a critical priority for modern telecom service providers (telcos).

Telelogs, the automatically generated fault and event logs produced by network equipment, offer a rich source of information. Recent research has demonstrated that these logs can be used to fine-tune specialised LLMs capable of performing root-cause analysis and assisting network engineers. However, building models that generalise across unseen faults, new data distributions, and entirely new network environments, while still running efficiently on constrained edge servers, is still a significant challenge.



Telco Troubleshooting Agentic Challenge by ITU

€40 000 EUR

Completed (~2 months ago)

1402 joined 354 active

Skills you will learn

- Agentic AI
- Fine-tuning
- Large Language Models

Info

Data

Leaderboard

Accept terms

Start ⓘ

17 Apr 26

Close ⓘ

19 May 26

Reveal ⓘ

03 Jun 26



Can you build an AI agent that understands and optimizes telecom networks?

Note Phase 2 has begun! Find extra information about participating in Phase 2 [here](#)



Telco Troubleshooting Agentic Challenge – Global Launch

AI for Good

MEET THE WINNERS

Dung Nguyen Ba

Classification for Landslide Detection

"These challenges are fun and all contribute to improving the lives of many people for the better."



MEET THE WINNERS

Shadi Wang

AI Telco Troubleshooting Challenge

"Every failed API call, every hallucinated output, every broken script is simply a diagnostic log for your own learning process. Building industrial-grade AI is rarely a straight line."



MEET THE WINNERS

Juliet Ondisi

GEOAI Challenge for Cropland Mapping in
Dry Environments

*"It's never too late to start, or to finish.
Don't quit just because you're not in the
top 5 today. Treat the first runs as learning
runs, finish the competition, and let your
future self benefit from the full pipeline
you built."*





A Step Ahead of Drought: Forecasting Global Water Storage Challenge by ITU

TBD

Skills you will learn

Data visualisation

GIS

Regression

Feature Engineering

Starting soon! (~17 hours to launch)

233 joined 0 active

Info

Data

Leaderboard

Join

Start



07 Jul 26

Close



13 Sep 26

Reveal



14 Sep 26



Can you predict how much on Earth's surface next month?

Droughts, usually caused by long periods of low rainfall and temperature spikes, threaten global food security, local economies, and fragile ecosystems. Unlike rapid-onset disasters such as floods, droughts are "slow-moving" crises. Early detection is essential to reduce socio-economic impact, guide emergency responses, and support resilient planning for agriculture and infrastructure.

A common approach to monitor large-scale drought conditions is through satellite-based observations from NASA's GRACE mission, which provide estimates



Thank you!

AI for Good Global Summit 2026 | Paul Kennedy



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Visit us at ***Booth 824 in Hall 2***