















Researcher at



UNIVERSITY OF CAMBRIDGE









evaluating AI use to identify challenges & opportunities

Developing best practices

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Al for Natural Disaster Management ITU Focus Group





Global Initiative

UN Partnership

Systematically evaluating AI use to identify challenges & opportunities

Community of experts & stakeholders

> Developing best practices

Supporting capacity sharing











Sentinel-2









Sentinel-2



Mw 7.4 Hualien earthquake -2nd April 2024 Taiwan





Sentinel-2





Sentinel-1





Image Classification Framework



Al-powered Data Fusion

Landslide



Non Landslide



Trustworthiness and sustainability



Why does the model say there's a landslide here?

Is the solution reusable?

Who is this challenge for?

- Any experience level.
- We provide a starter notebook and resources to guide you through exploring, processing, and analysing the data.

Challenge Objectives:

- events.
- disaster resilience efforts.



Develop methods for automated landslide detection using open-source, multimodal imagery (both optical and radar) to enable effective, large-scale monitoring and timely identification of landslide

• Adhere to trustworthy Al guidelines to create solutions that extend beyond performance metrics, ensuring models are transparent, ethical, and impactful, with tangible benefits for society and

Classification for Landslide Detection

Can you create a classification model to identify landslides?

1000 CHF









Over 650 teams joined already!!!



