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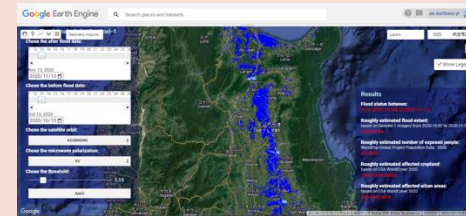
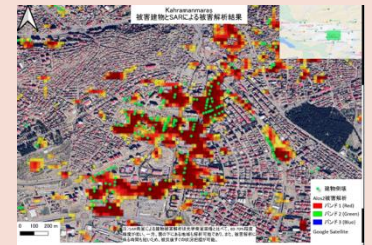


Interest

- Flood Risk Management
- Climate Change Analysis
- Satellite Image Analysis for disaster response

Achievement

1. Damaged critical infrastructure mapping by using Satellite Images in Turkey earthquake in 2023,
2. Creating a rapid disaster assessment tool for floods, landslides and earthquakes.
3. Creating a Disaster Risk Assessment Guidebook for Local Disaster Risk Reduction and Management Plan In the Philippines.

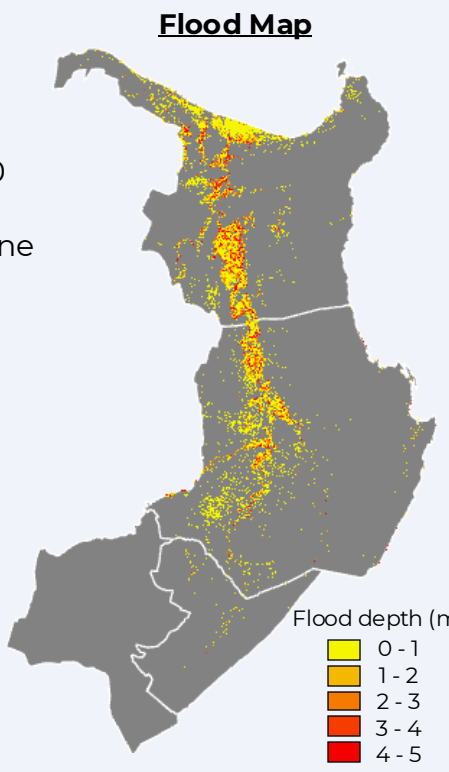




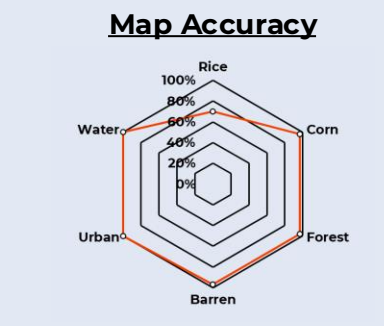
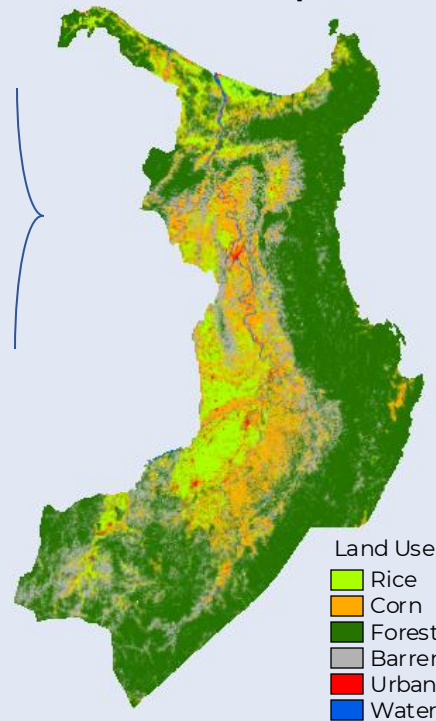
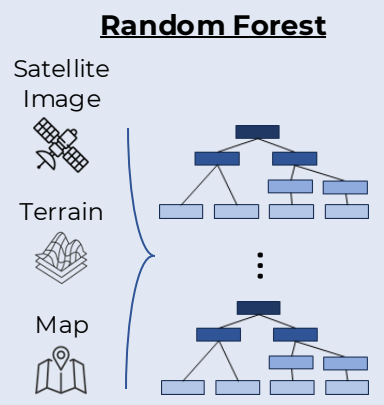
Earth Intelligence Idea Rapid Flood Direct Damage Assessment by Satellite Images

Flood Mapping

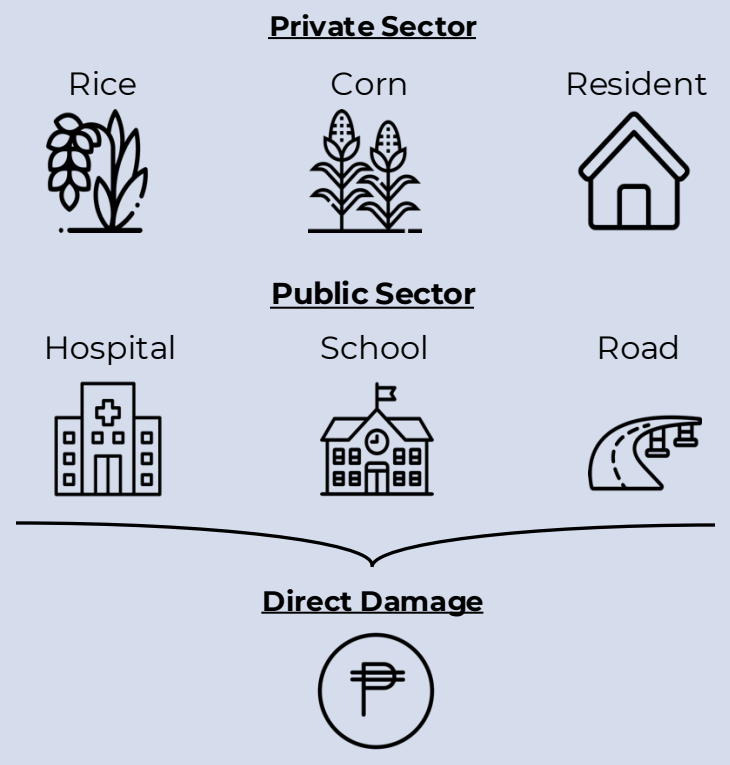
- Sentinel-1
- Typhoon Ulysses
- 13 November, 2020
- Google Earth Engine



LULC Mapping



Damage Analysis



Future of Earth observations and expectations toward Earth Intelligence

A major issue in utilizing satellite imagery for disaster response is that satellites often **fail to capture images during the disaster**.

I believe the near real-time satellite observation by the **common platform for public and private satellites** will enhance the data coverage of the observation.