

# Smart Insurance Claims After Disasters

A smart tool powered by GenAI and Satellite Imagery, designed to accelerate insurance claims by identifying impacted policyholders following a disaster.

## Choose Target Flood Event

Please choose one flood event from [ReliefWeb](#) as your target.

Bangladesh - 2025/05

Nigeria - 2025/05

Algeria - 2025/05

Kenya - 2025/05

Haiti - 2025/05

user clicks the flood event

## Locate Flood Area: Nigeria - 2025/05

The flood area will be automatically identified by analyzing the event details on [ReliefWeb](#) and matching them with the [FAO GAUL border dataset](#).

Event processing completed!

Result from ReliefWeb

Matched GAUL Region

tool finds the precise time/location of the event

```
{
  "country": "Nigeria"
  "province_or_state": "Niger State"
  "matched_admin1": "Niger"
  "date": "2025-05-30"
}
```

## Locate Impacted Customer

Utilize [geemap](#) and [Sentinel-1](#) data (from Google Earth Engine) to visualize flood extent and locate impacted (fictional) customers.

