

EARTHQUAKE-AT-ARMMs:

Exposing Earthquake- and Tsunami-Prone Areas in ARMM

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Objective

Using the **OpenBangsamoro** dataset, expose potential locations of highest damage from earthquakes and tsunamis.



Midnight Killer: 1976 Moro Gulf Tsunami

OPENBANGSAMORO DATASET

drive.google.com/drive/folders/1JG0aEtTYgy/r_ElhCGpY7FbPnpDvGxd



Search Drive



Shared with me > OpenBangsamoro (PUBLIC) > 1-Geodata



Name	Owner	Last modified	File size
10 - Others	Open Bangsamoro	Feb 24, 2019	Open Bangsamoro —
9- Governance	Open Bangsamoro	Feb 24, 2019	Open Bangsamoro —
7-SECURITY	Mikko Tamura	Feb 15, 2019	Open Bangsamoro —
3-PHYSICAL-ENVIRONMENTAL	Mikko Tamura	Feb 15, 2019	Open Bangsamoro —
8-INTERVENTIONS	Mikko Tamura	Jan 7, 2019	Mikko Tamura —
5-SOCIAL	Mikko Tamura	Jan 7, 2019	Mikko Tamura —
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4-HAZARDS	Mikko Tamura	Jan 7, 2019	Mikko Tamura —
2-INFRASTRUCTURE	Mikko Tamura	Jan 7, 2019	Mikko Tamura —
1-ADMINISTRATIVE	Mikko Tamura	Jan 7, 2019	Mikko Tamura —

MAGNITUDE-5 AND ABOVE EARTHQUAKE DATA FROM USGS

sgs.gov



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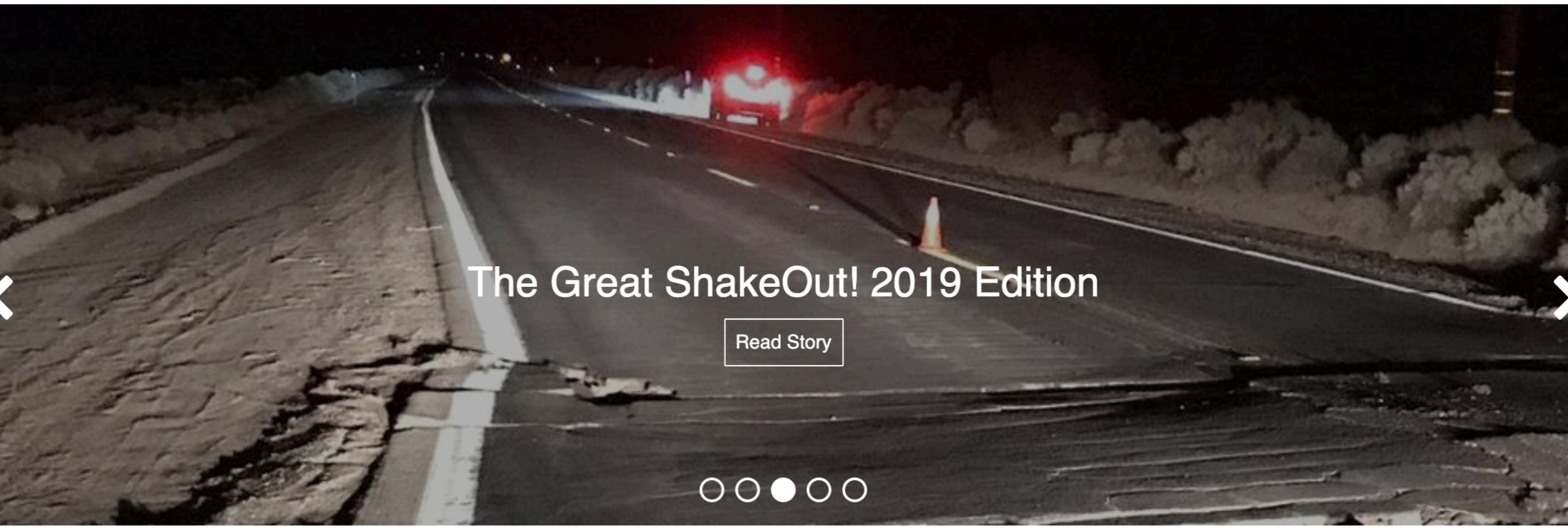
ABOUT

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U.S. Geological Survey



The Great ShakeOut! 2019 Edition

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We provide science about the natural hazards that threaten lives and livelihoods; the water, energy,

UPLOAD GEO-DATA AND **VISUALIZE**

kepler.gl

★ ⚡ ABP 1

gl

USER GUIDE

DOCUMENTATION

GITHUB

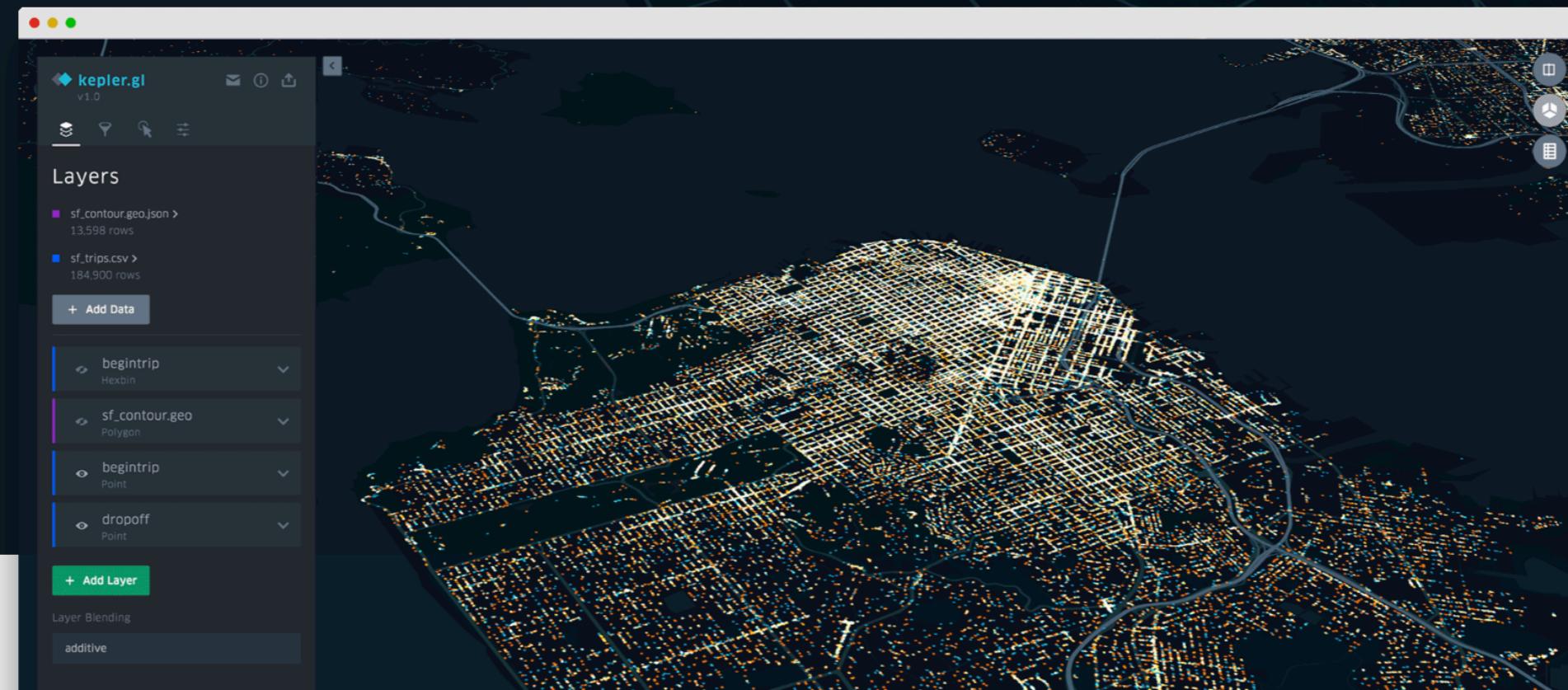
SU

Make an impact with your location data

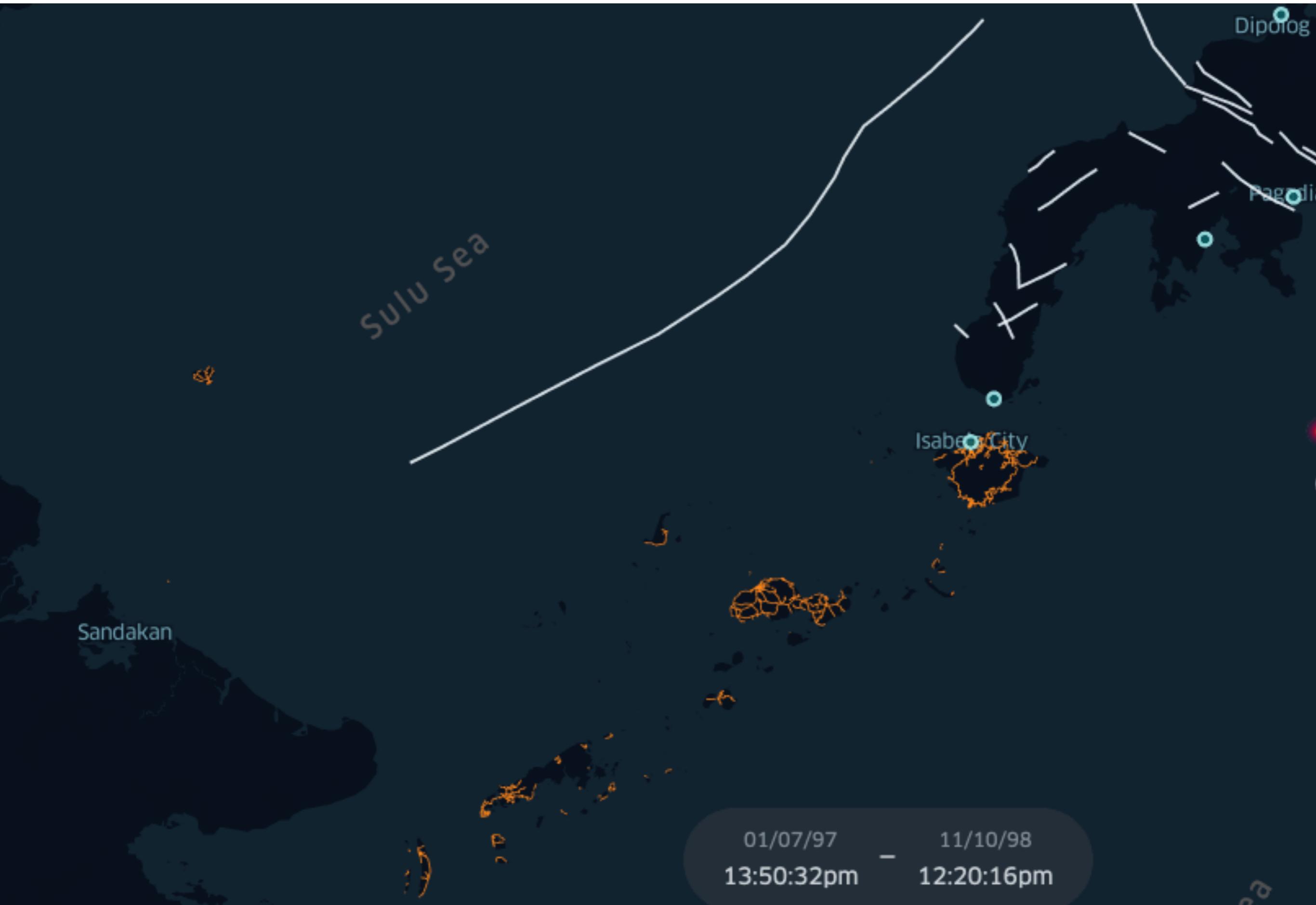
Kepler.gl is a powerful **open source** geospatial analysis tool for **large-scale** data sets.

GET STARTED

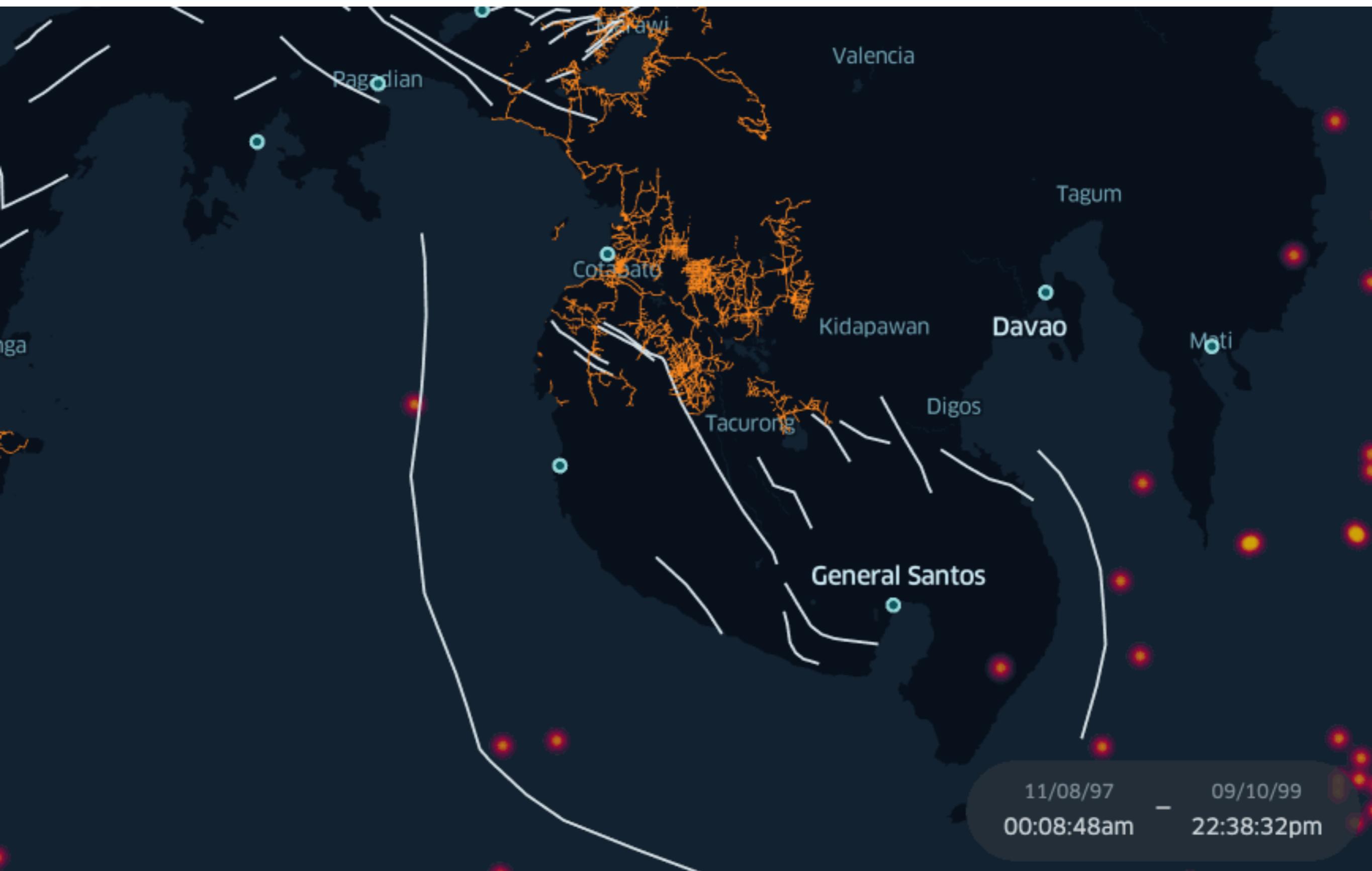
GITHUB

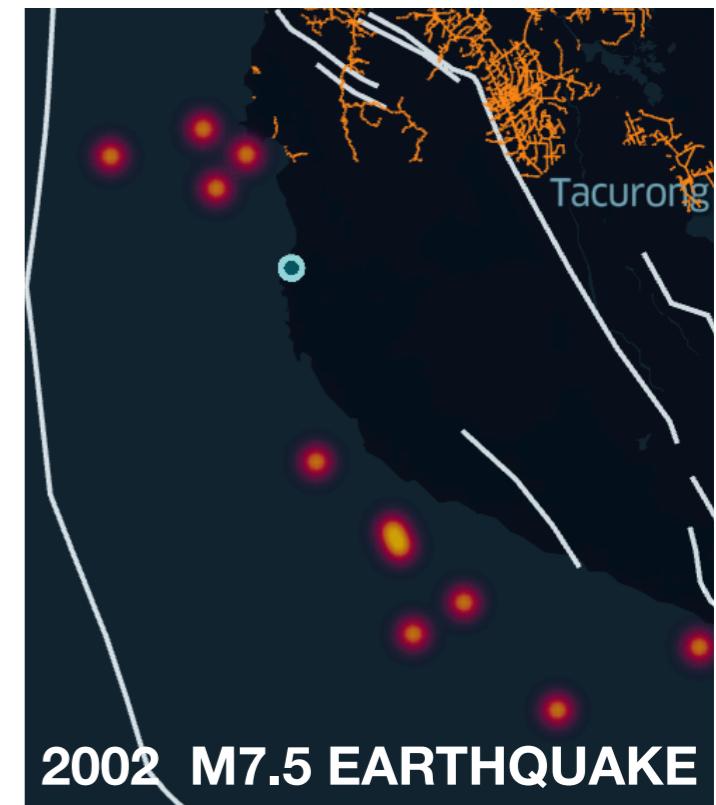
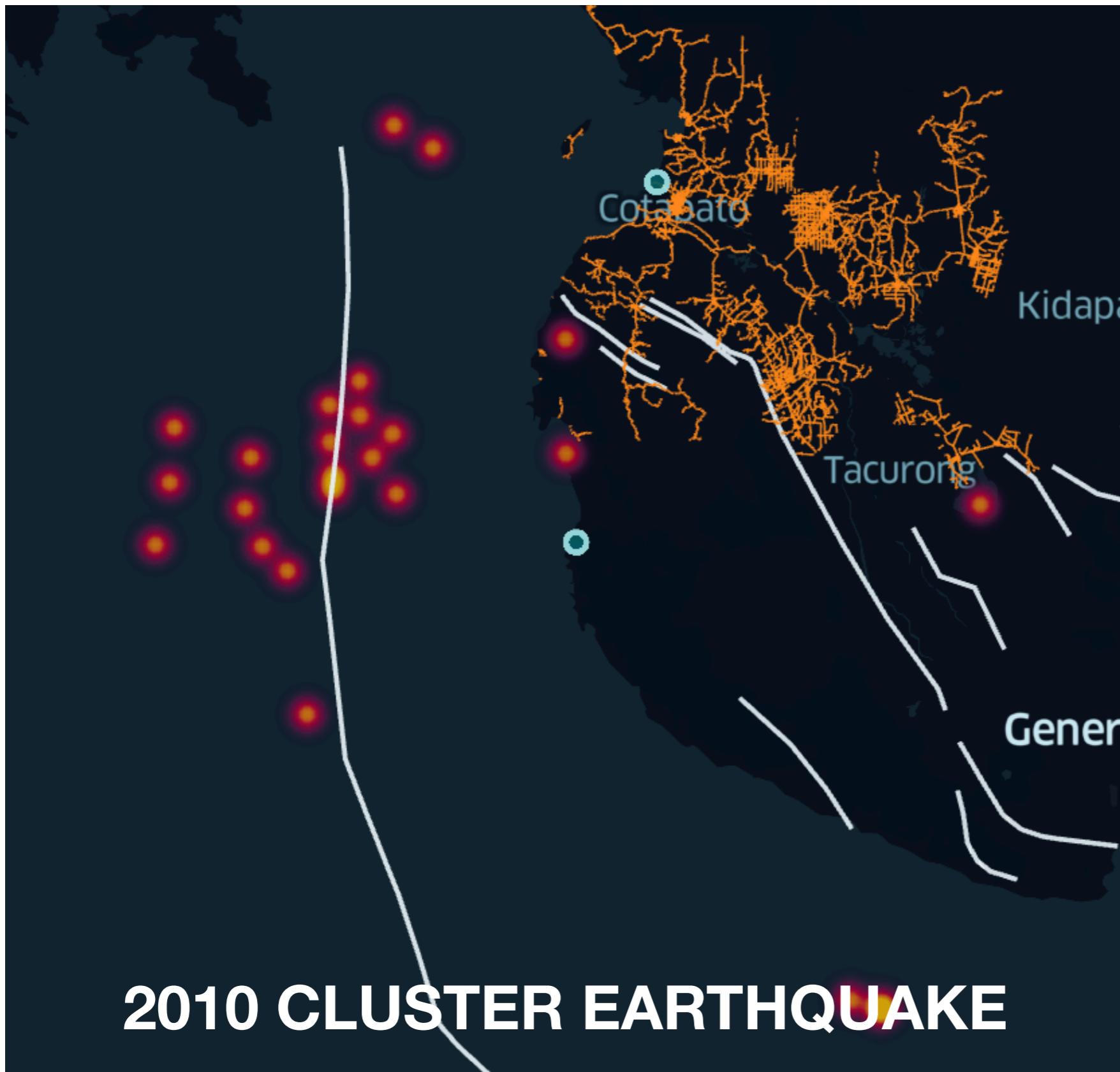


SULU TRENCH IS ASEISMIC, FOR NOW



COTABATO TRENCH IS EXTREMELY ACTIVE

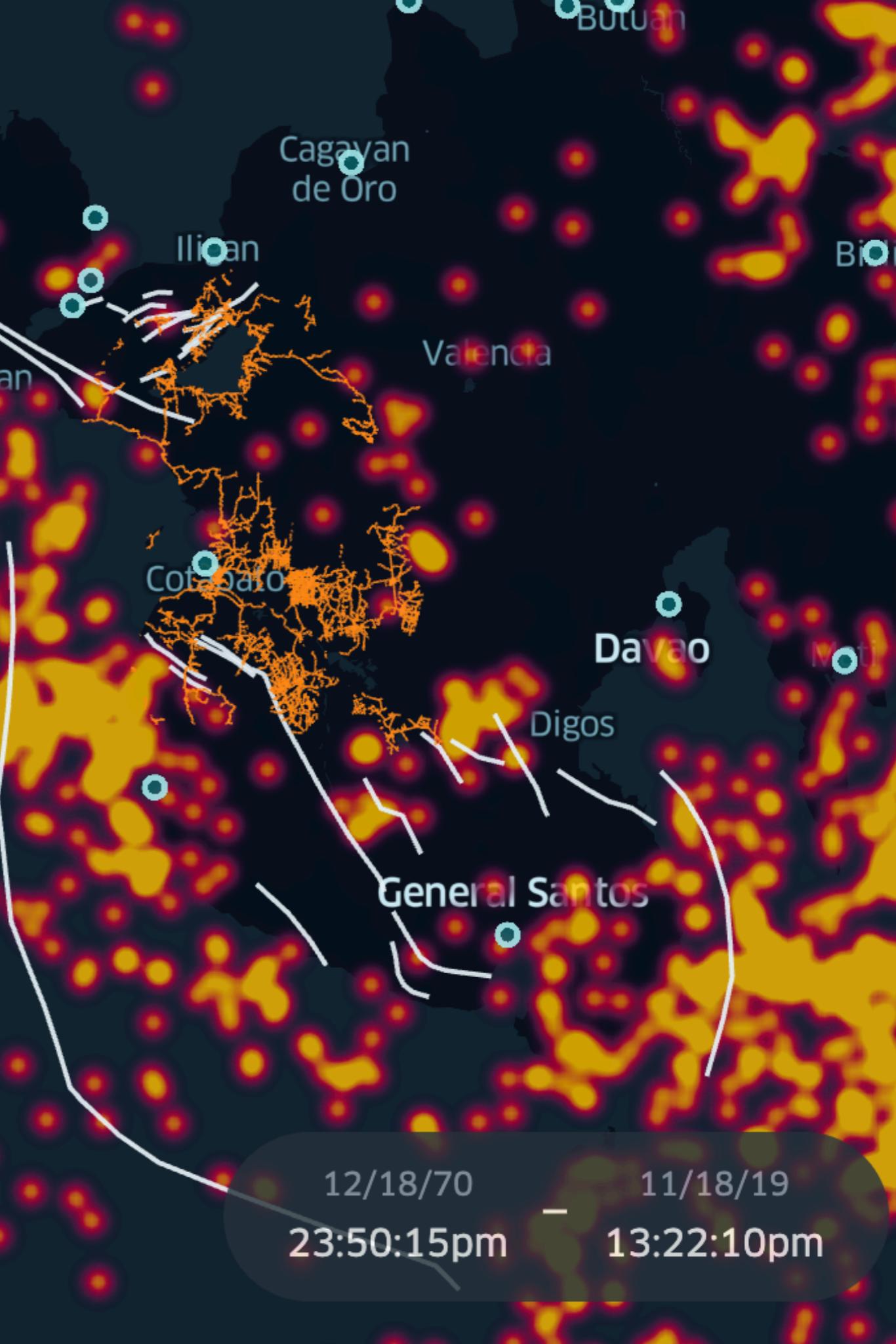




HISTORICAL EARTHQUAKES IN ARMM

More Quick Insights

- Cotabato road networks are highly prone to earthquake/tsunami related damage
- Seaport **Kalamnsig, Sultan Kudarat** is right in the middle of all the action
- Sulu, Tawi-tawi are pretty much safe from earthquakes, for now
- ARMM gets hit by strong cluster earthquakes every 15-20 years
- We are long overdue for **a big one**



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