

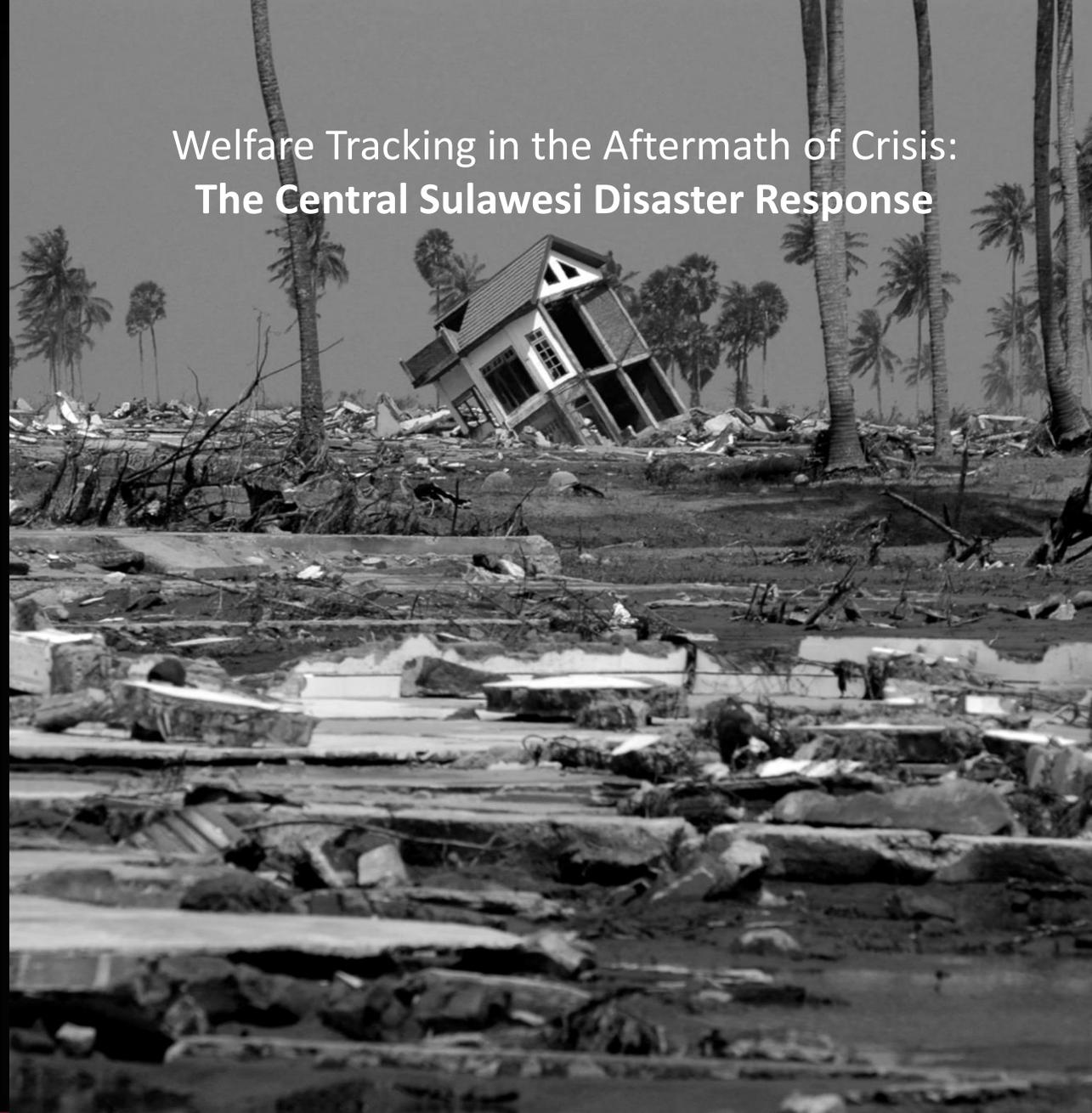


The use of **satellite imagery** and **mobile survey data** to track household recovery from disaster

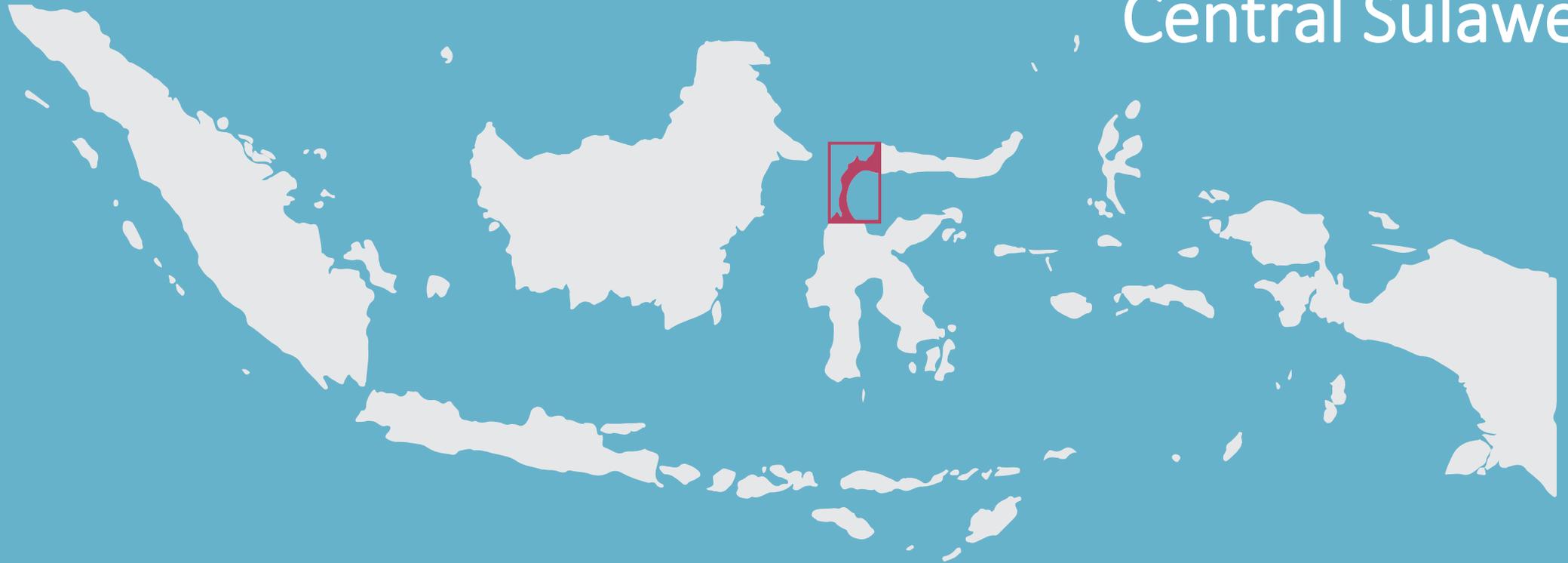
Ririn Salwa Purnamasari



Welfare Tracking in the Aftermath of Crisis:
The Central Sulawesi Disaster Response



Central Sulawesi



INDONESIA

September 2018



Central Sulawesi's earthquake, tsunami, and liquefaction

TSUNAMI
MODELING
BMKG, 2018



September 2018

Central Sulawesi's earthquake, tsunami, and liquefaction



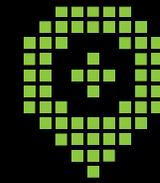
Responses
need to be

nimble
&
agile





Welfare Tracking in the Aftermath of Crisis:
The Central Sulawesi Disaster Response



We1TrAC

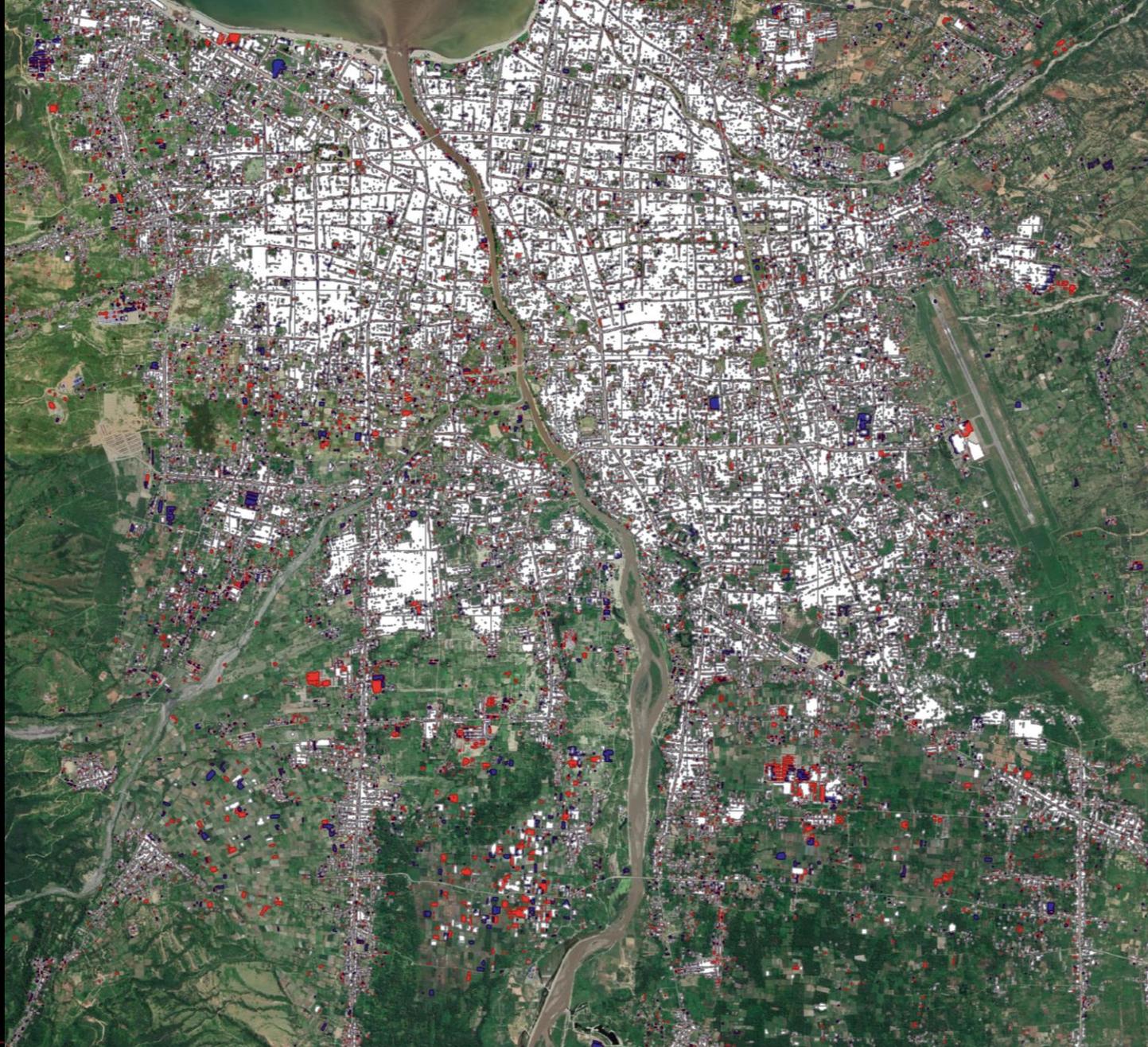
real time

reliable

representative

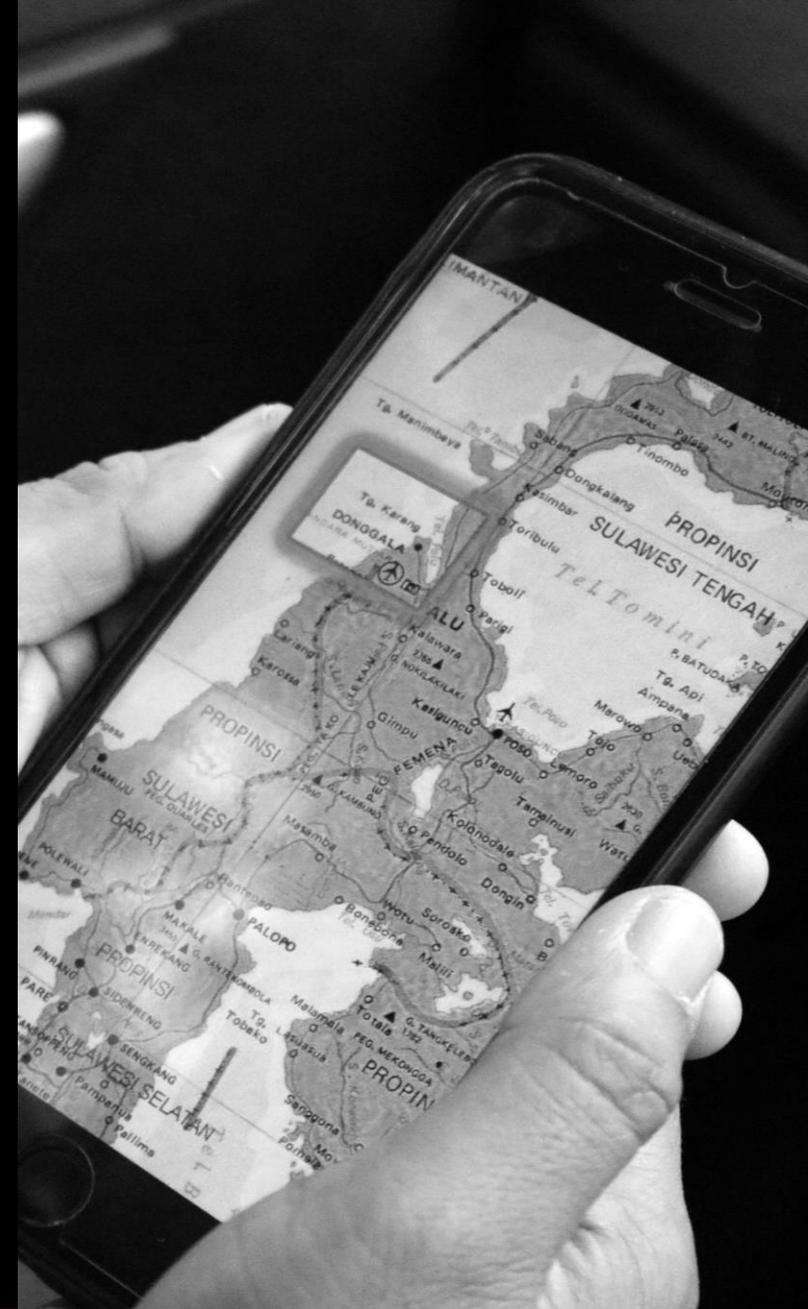
Satellite imagery

to track the pace of
regions' physical recovery





Mobile survey data
to track the dynamic of
households' welfare recovery

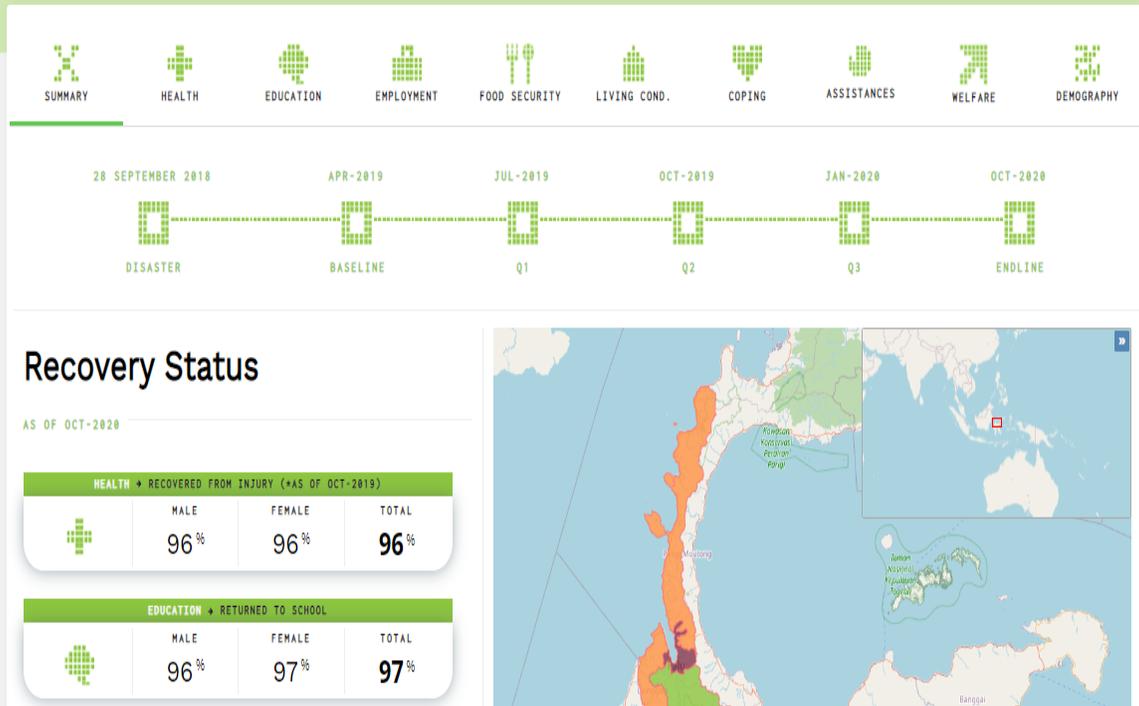




Central-Sulawesi Earthquake, Tsunami, and Liquefaction

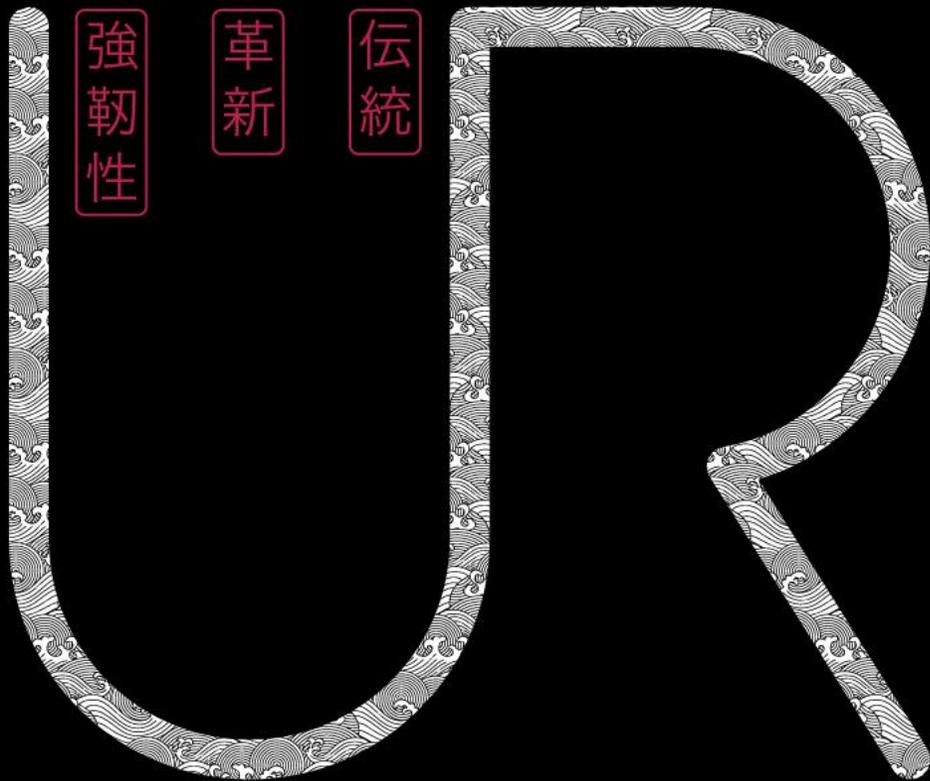
A series of earthquakes struck Central Sulawesi province on 28 September 2018 which also triggered tsunami and liquefaction. Casualties and damages are found in four districts: Palu, Sigi, Donggala, and Parigi-Moutong. National Agency for Disaster Management (BNPB) reported (Oct/18) almost 5,000 people are died or missing, over 200,000 people are internally displaced, and thousands more have left the province due to the disaster.

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Interactive web-based monitoring dashboard

to facilitate rapid, data-driven action



Thank you !



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