

Partnering with Governments to develop, share and use risk information to build resilience

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Promoting activities to increase resilience

Developing innovative tools and adapting methodologies to promote collaboration, analysis and sharing of risk data and information

Analyzing Hazards and Vulnerability

Mapping Exposure

Developing the understanding of Risks and Impacts

Invest in retrofitting critical assets

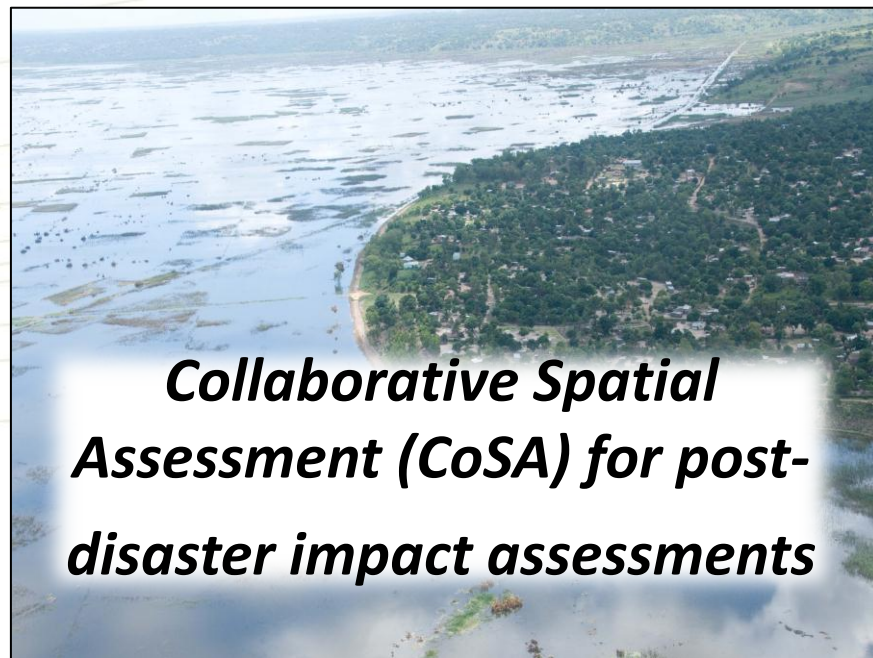
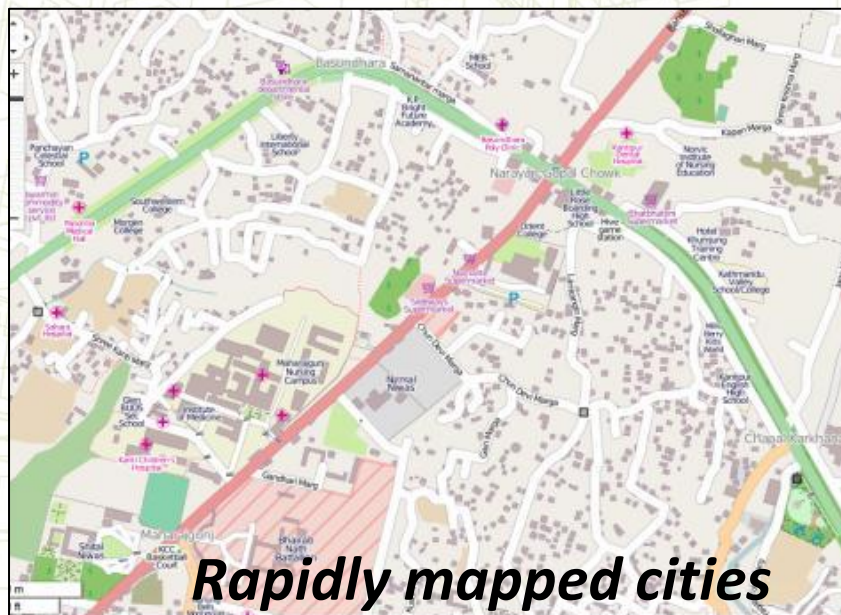
Re-think development investment

Consider Financial Protection

Prepare for, and recover from, the worst



Achievement through Effective Partnership



RISKINFO

Disaster Risk Information Platform

Risk information for all...

Sign in for extra features

Welcome

Welcome to the Sri Lanka Disaster Risk Information Platform (RiskInfo). The purpose of RiskInfo is to make disaster risk information available to all the stakeholders and the public in order to facilitate disaster risk reduction and recovery efforts. The initiative is led by the Disaster Management Center (DMC) in partnership with UNDP, NGOs and GDFRR Labs. The data sharing platform is built using the open source software GeoNode that is designed to enable collaborative use of geospatial data and maps. To get in touch and get in account to upload data: riskinfo@dmc.gov.lk

MAPS

RiskInfo lets you compose and share maps. **Create** a map with our cartography tool, or **explore** maps shared by others.

Search

DATA

RiskInfo lets you upload, manage, and browse data. **Search** for data that is valuable to you, or **upload** your own data.

Search

Hazard profile maps

Administrative boundaries

Explore maps

Create a new map

Create map

Hazard data

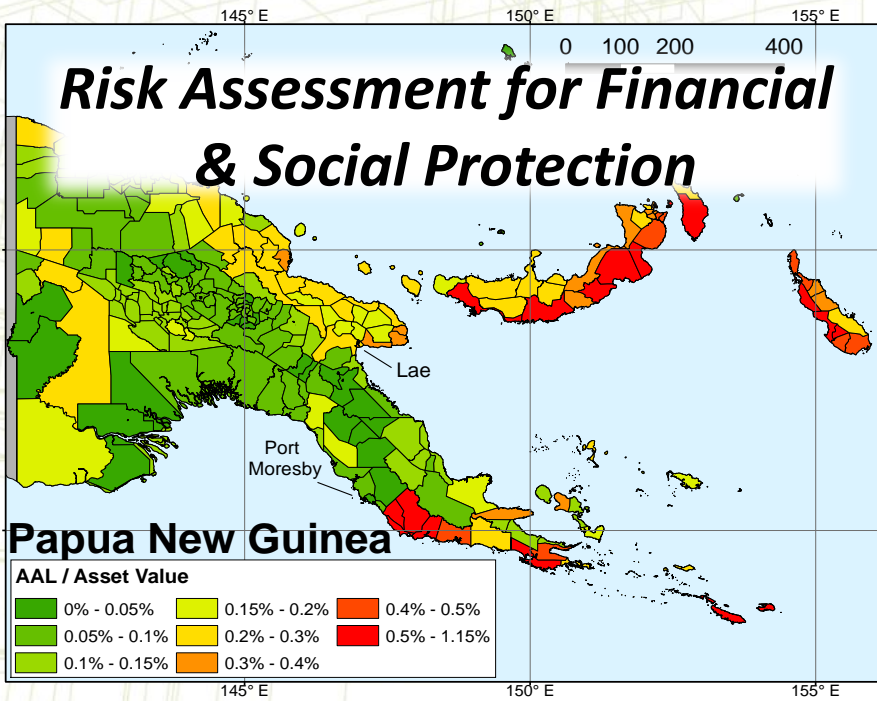
Exposure data

Base data

View all data

**Geonode:
Sharing and
Communicating
Risk
Information**

Achievement through Effective Partnership



Inasafe: Intuitive tools for local decision makers

Questions:
In the event of
Maumere Tsunami

How many
OpenStreetMap buildings

might
Be temporarily closed

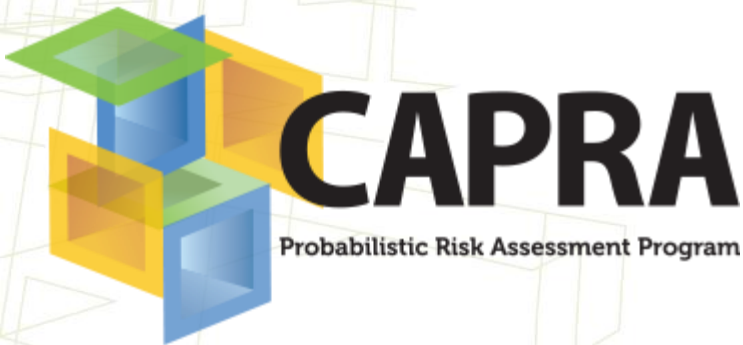
Results:
In the event of *maumere tsunami*/how many *openstreetmap* buildings might be temporarily closed

Status	Number of buildings
Closed	446
Open	364
All	810

Notes:
Buildings will need to close if flood levels exceed 1.0 m

Supported by:
BNPB
Australian AID

Coordinate: 13603095,-980698 Scale: 1:9019

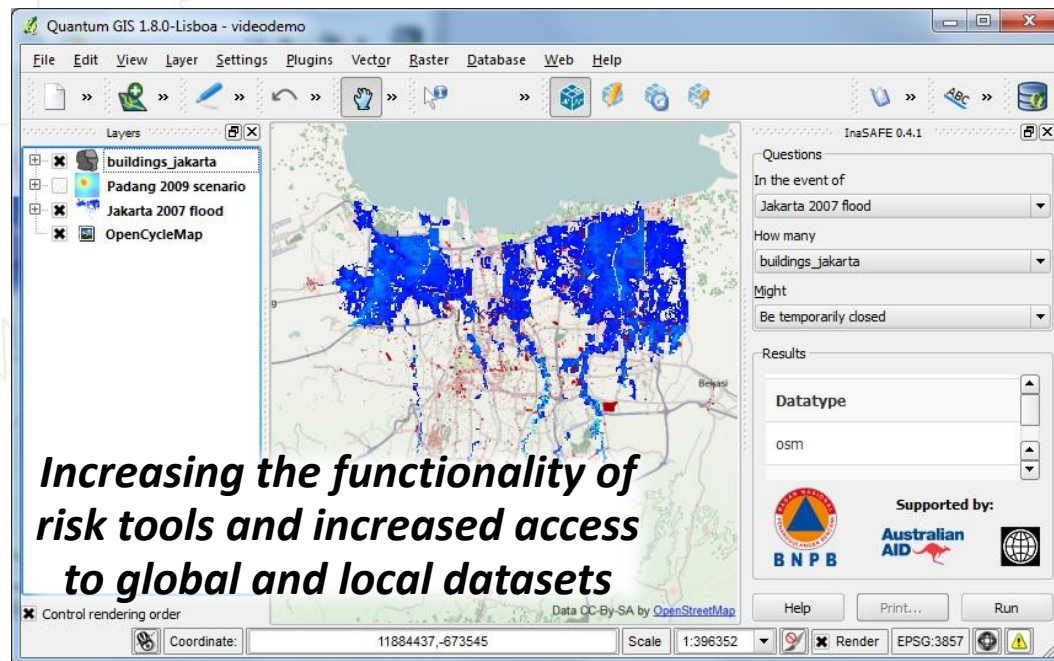
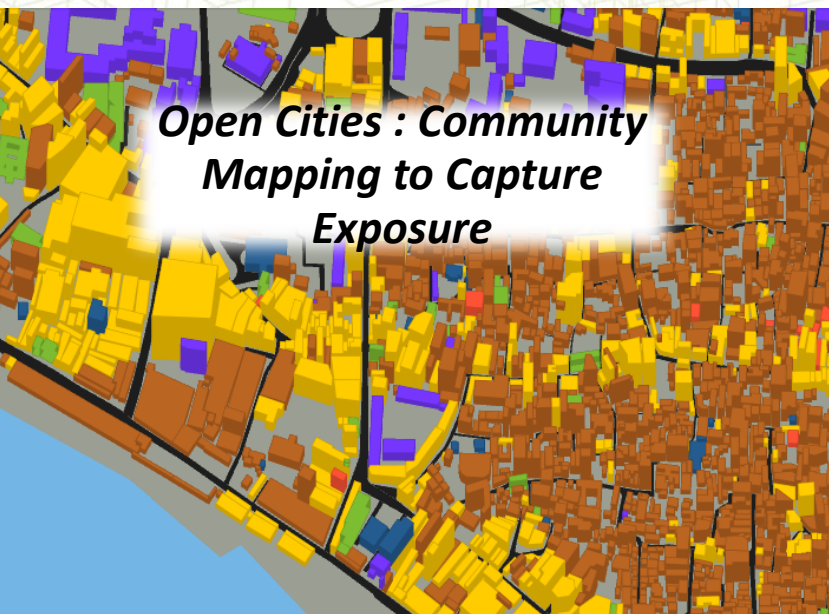


Tools to build risk capacity across sectors



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Future Goals and Contributions to Post-HFA



Explore Maps

Explore pre-made maps, and those made by website users, on such things as earthquake intensity, flood hazards, topography, road networks, buildings, bridges, and much more.

[Explore Maps](#)

Create Maps

Using the same raw data used to create other maps on the site, PaRIS lets you compose and share your own maps. Create a map with our cartography tool to develop new insights and track changes over time. Save, print and share these maps if you wish!

[Create Map](#)

Search for Data

PaRIS lets you access and browse geospatial data. Search for data that is valuable to you in a number of geospatial formats.

[View All](#)

[Upload data](#)



PLEASE NOTE: These data layers have been derived from georeferenced satellite imagery. The data layers may appear misaligned when viewing over other base layers eg google earth base maps or imagery/data services. The georeferenced satellite imagery can be viewed as part of this catalogue.

About

Pacific Risk Information Systems (PaRIS) is one of the largest collections of geospatial information for the Pacific island region. It contains information and data layers on:

- [Base maps](#)
administrative boundaries, topography, bathymetry, land use cover, surface soil, geology
- [Hazard maps](#)
tropical cyclone, earthquakes
- [Field Survey Results](#)
building, infrastructure - partial coverage
- [Risk exposure](#)
population, buildings, infrastructure, crops
- [Risk and loss maps](#)
- [Historic event and disaster impact catalogues](#)

PaRIS was assembled to provide detailed probabilistic risk information for 15 Pacific island countries for a range of decision makers including disaster risk management agencies. The perils covered are tropical cyclones (wind, storm surge and rain) and earthquakes (ground shaking, tsunami). The countries covered are Cook Islands, Fiji, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Timor Leste, Tonga, Tuvalu and Vanuatu.

Ensuring actionable Risk Information



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Synergies and Opportunities for Collaboration

- Expanding tool box of open risk models
- Ensuring open data for resilience
- Enhancing accessibility of global remote sensed data
- Improving communication of risk information.

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