PDC | GLOBAL

Landslide

Learn more at disasteraware.org/tutorials/

Respond Faster with Smart Alert™

Select Delivery

SMS: Receive landslide hazard alerts on your mobile device.

Email: This can be separate from your registration email.

PRO TIP Enter a group email to alert your team, watch office, operations center, and more.

Hazard Severity & Data Source

Landslides hazards were developed in partnership with NASA and are predictive.

- **Warning:** Conditions are right for a landslide to occur and may impact populations and infrastructure. There is a high likelihood that action will need to be taken.
- **Watch:** Conditions are favorable for a landslide to occur and may impact populations and infrastructure. Monitor closely and be prepared to act if necessary.
- **Information:** A significant landslide has recently occurred with severe impacts on population or infrastructure. Agencies are responding. No additional threat is anticipated.

Sources include: PDC-Global, NASA's Global Landslide Hazard Assessment model for Situational Awareness (LHASA)

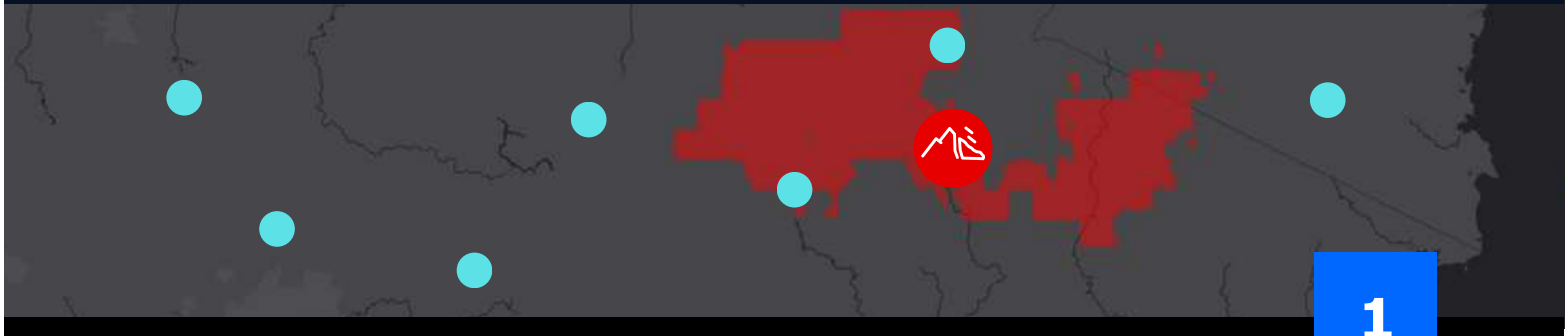
Focused Alerting

By default, your Smart Alert Area is set to **Global.**

Define Smart Alert Areas to ensure you receive alerts only for hazards that threaten the places you care about or areas you are interested in.

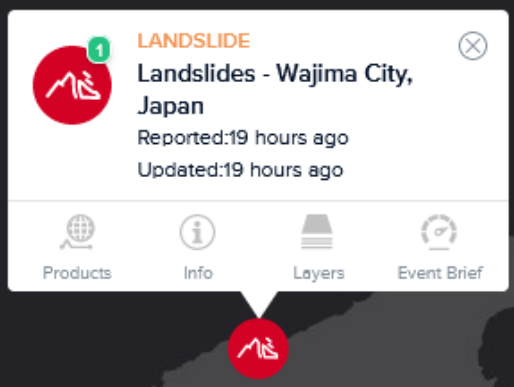
Enhance the monitoring and protection of specific assets (e.g. buildings, team and resource locations) via the **Assets feature**.

Enhanced Monitoring and Protection of Assets



Landslide

Assess quickly using the Hazard tooltip ▶

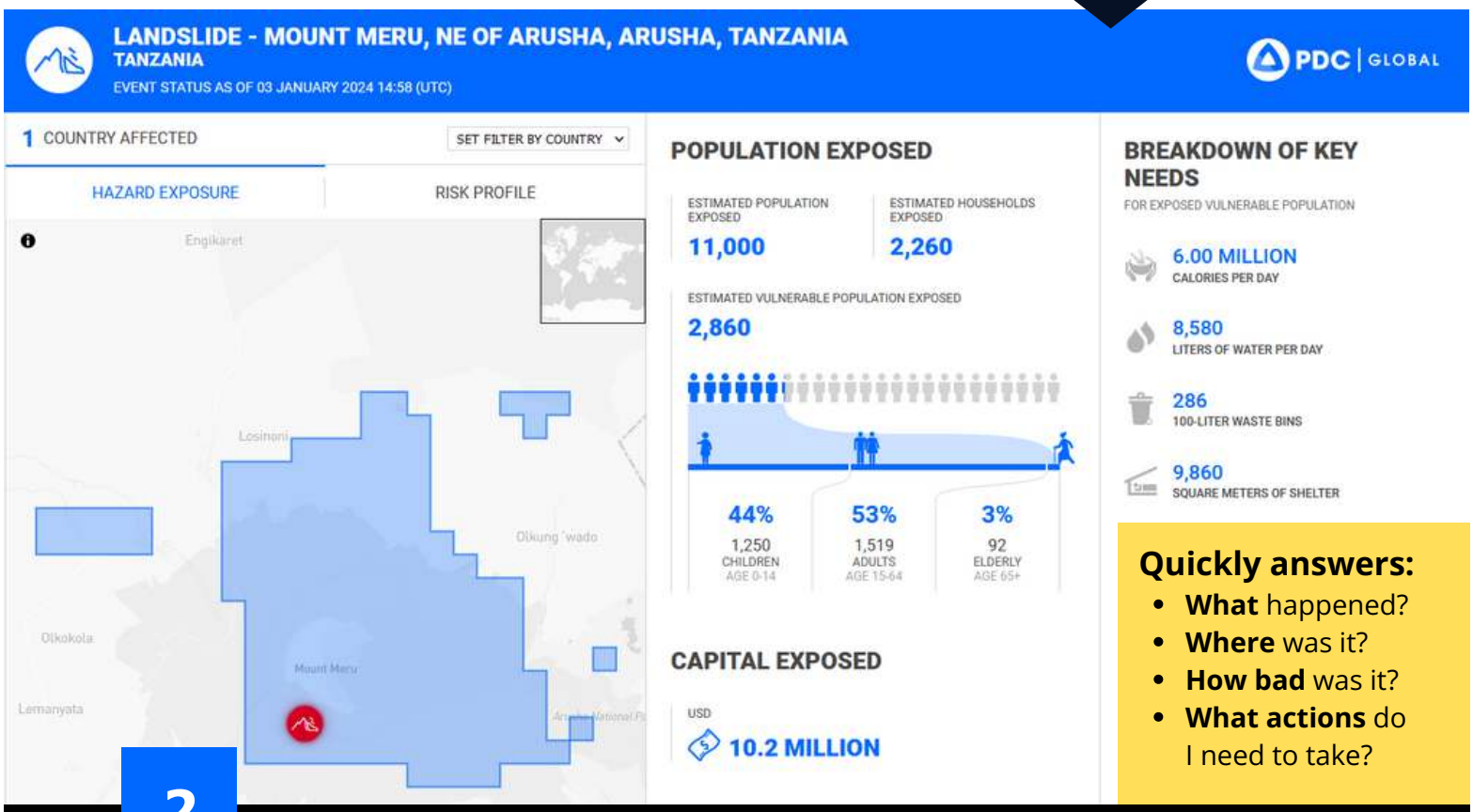


Products
Latest updates from PDC and partners.

Info
Quick summary of the landslide event.

Layers
Key layers related to landslide hazards.
(See next page for more.)

Event Brief
Landslide hazard watch or warning.
(See example below.)



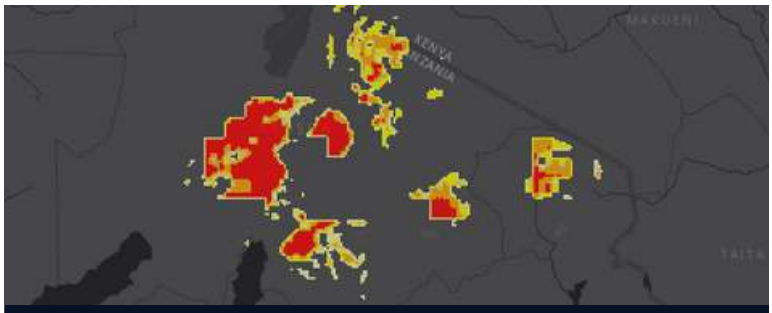
Quickly answers:

- **What** happened?
- **Where** was it?
- **How bad** was it?
- **What actions** do I need to take?

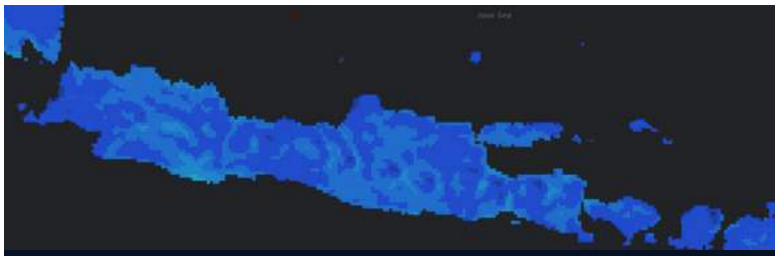
Access Key Layers

See **Layers** > Hazards and Events > Landslide for all associated hazard layers.

Landslide Incidents (Hazard Tooltip)



Global Landslide Probabilities (Hazards and Events)



Precipitation Forecast (Observations & Forecasts)

Terrain (Layers > Backgrounds Tab)

PDC/NASA Landslide Partnership

NASA and PDC have joined forces to enhance global awareness and alerting for landslide hazards across the world. The integration of NASA's LHASA model into DisasterAWARE enables swift identification and response to landslides worldwide, including automated exposure modeling by PDC.

and

Shared Situational Awareness

BOOKMARKS

Save and share your bookmarked layers and drawings with the latest updates for shared situational awareness.

Select the ⓘ button next to the Bookmark you wish to share and then the **Share** option to copy its 🔗 link. (Account required to view.)

PRO TIP

Apart from **rain-soaked slopes**, landslides can be caused by various factors, including **snowmelt**, **seismic events**, and **volcanic activity**, among others. It is also crucial to keep an eye on slopes that have been previously burned, resulting in diminished vegetation due to **fire incidents.**

Monitor layers associated with those hazard types as well.