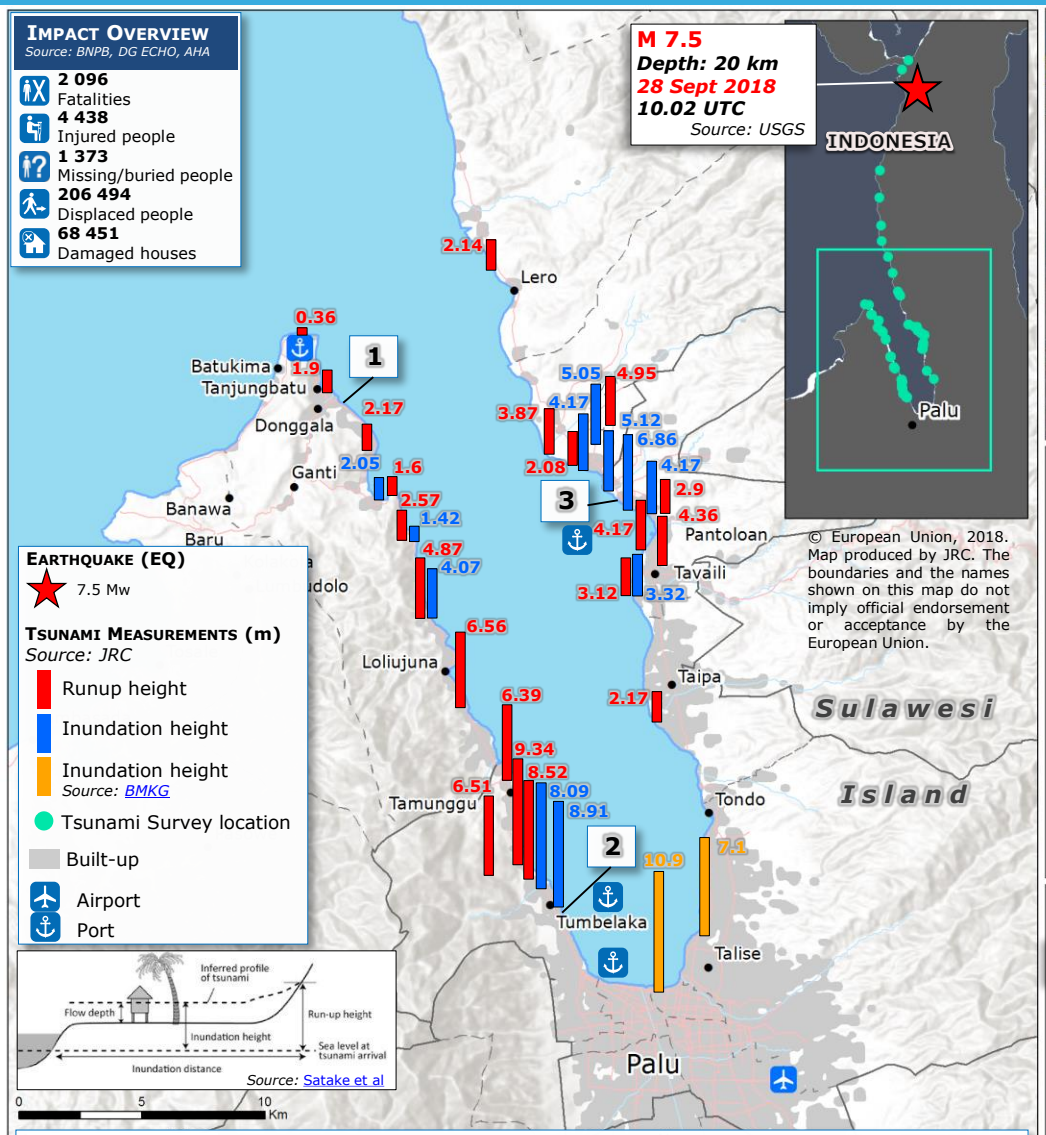
Indonesia | Post event Tsunami Survey | 7.5 M Earthquake (28 Sept 2018)

European Commission

Impact Overview
Source: BNPB, DG ECHO, AHA

- **2 096** Fatalities
- **4 438** Injured people
- **1 373** Missing/buried people
- **206 494** Displaced people
- **68 451** Damaged houses

M 7.5
Depth: 20 km
28 Sept 2018
10.02 UTC
Source: USGS



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Earthquake (EQ)
7.5 Mw

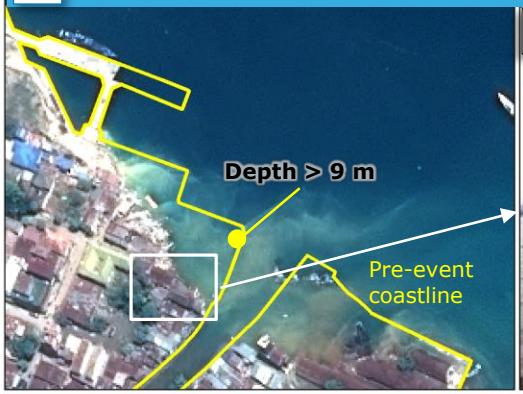
Tsunami Measurements (m)
Source: JRC

- Runup height
- Inundation height
- Inundation height
  Source: BMKG
- Tsunami Survey location
- Built-up
- Airport
- Port

Source: Satake et al

0 5 10 Km

1 Donggala Area: Coastline Modification



2 Tumbelaka Area: Coastal Collapse

3 Ngapa (Wani) Area

Overview

- The September 28, 2018 Palu Mw7.5 Earthquake in Sulawesi Island in Indonesia triggered an unexpected tsunami that caused damage and loss of lives in the region. A field survey by the UNESCO International Survey Team composed of scientists from Turkey, Indonesia, Russia, Portugal, Italy, Austria and the European Commission's Joint Research Centre (JRC) has been performed between November 07 and 11, 2018 covering the entire coast of Palu Bay up to the earthquake epicenter region.
- The survey aimed at understanding and document the tsunami effects and also the tsunami generation mechanisms through measuring and observing the tsunami impact.