

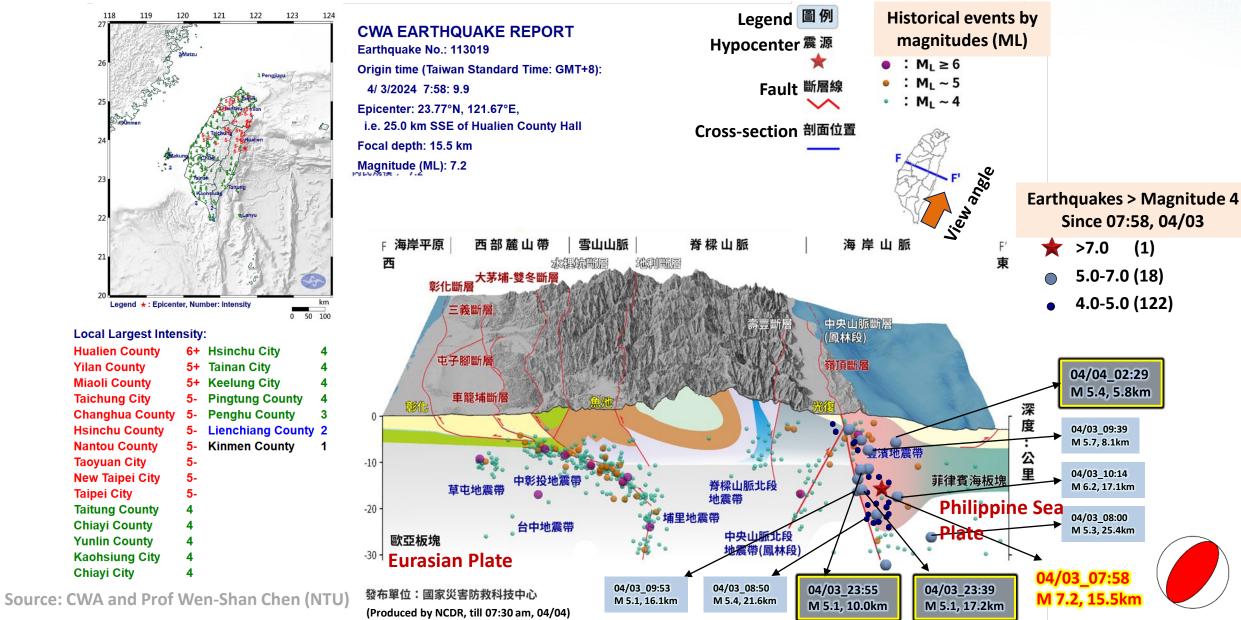
0403 Hualien Earthquake 4th Impacts Assessment Report at Central Emergency Operation Center

National Science and Technology Center for Disaster Reduction

2024.04.04 09:00

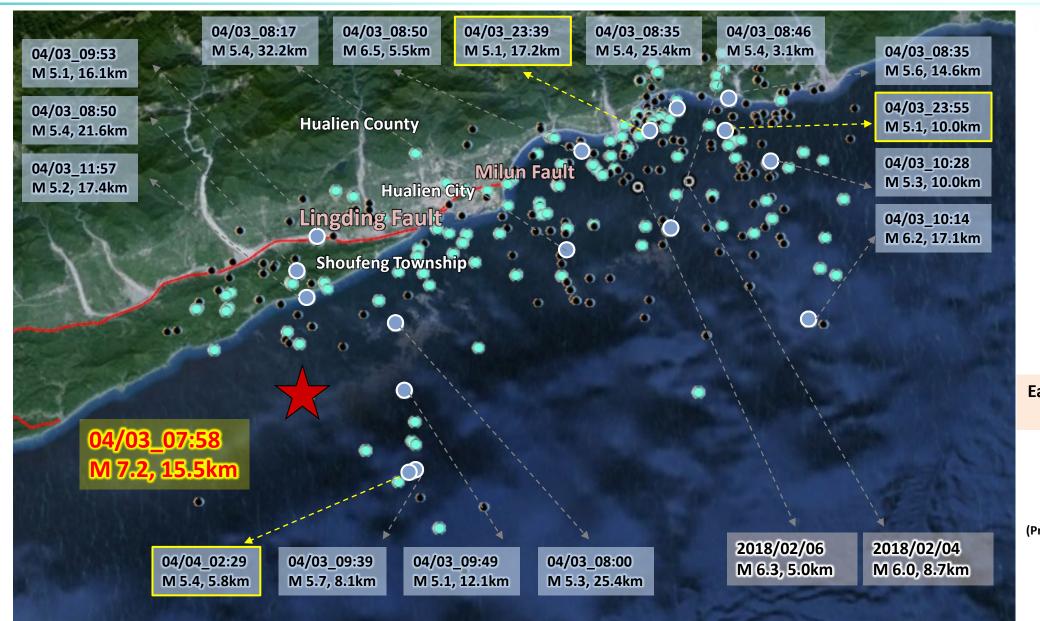
Geological profile near the hypocenters





Distribution of major quake and aftershocks (1/2)





Duration 2024/04/03-04

Earthquakes > Magnitude 4 Since 07:58, 04/03

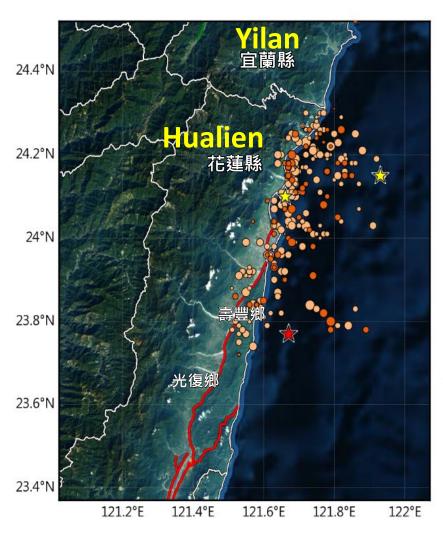
- **★** >7.0 (1)
- 5.0-7.0 (18)
- 4.0-5.0 (122)

(Produced by NCDR, till 07:30 am, 04/04)

• Major events in 2018

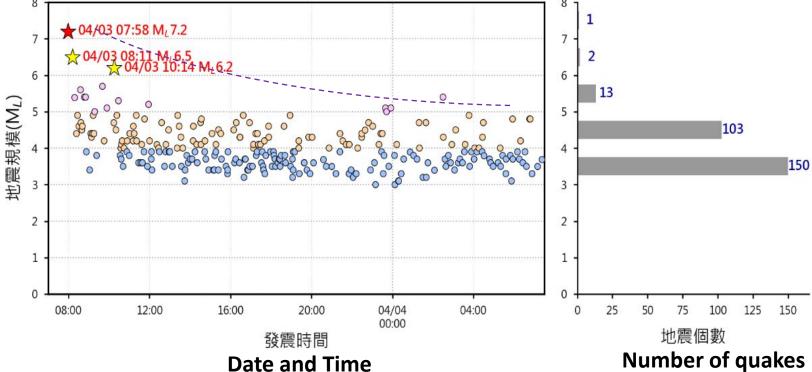
Distribution of major quake and aftershocks (2/2)





- ★ 規模7 Magnitude > 7
- ☆ 規模6 Magnitude > 6
- 0403 (203 起)(203 quakes in 04/03)
- 0404 (66 起) (66 quakes in 04/04)

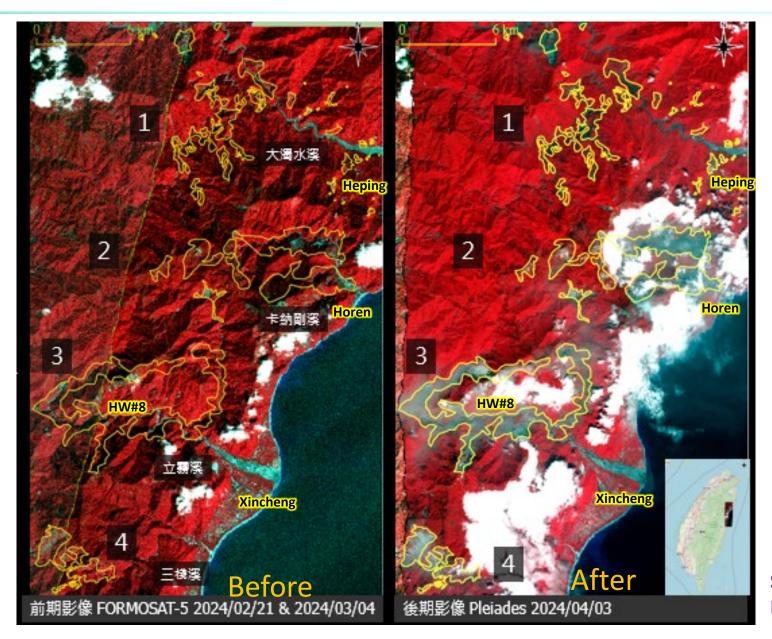
Produced by NCDR, till 07:30 am, 04/04



Satellite Imagery Interpretation Analysis on Hualien Mountain Area

國家災害防救科技中

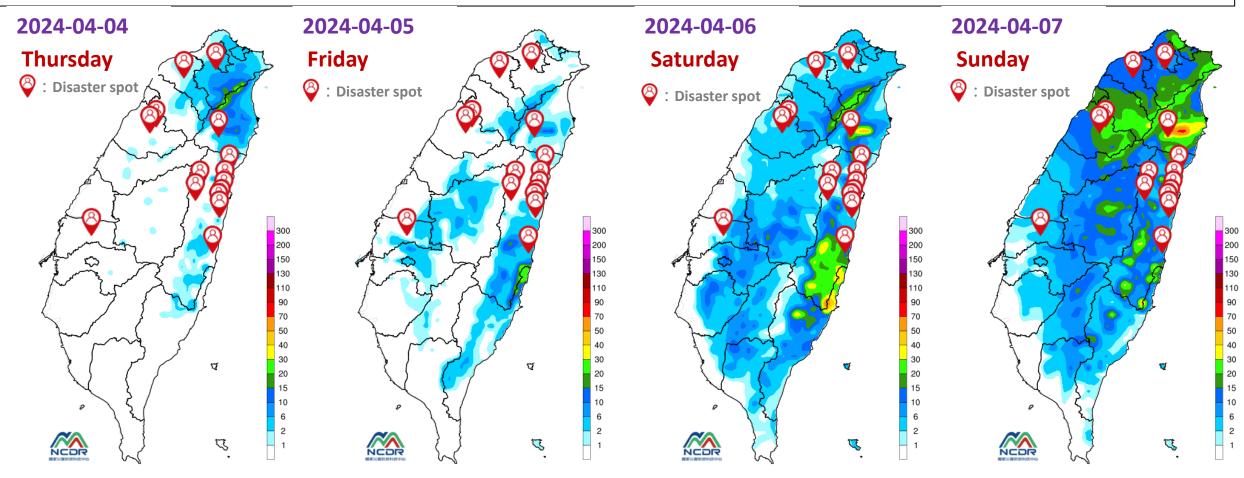
Landslides
happened in
the water
catchments in
Hualien
Mountain
Area



Source: NSTC TAST

From 04/04, Taiwan is affected by two fronts during long-weekend

- 國家災害防救科技中心
- From 04/04, as the first front is passing, there are localized brief showers in the northern, eastern, and central mountainous areas
- During 04/06~07, another front might affect and bring brief showers or thunderstorms throughout Taiwan



Source: CWA

Recommendations



➤ Because of frequent aftershocks happening and up-coming fronts, all rescue efforts must pay attention to the possible impacts of damaged buildings, as well as the potential secondary disasters caused by falling rocks and landslides on slopes.