

Lestari Naomi Lydia Pandiangan<sup>1,3</sup>, Djati Mardiatno<sup>2</sup>, Daryono<sup>3</sup>, Tomy Gunawan<sup>3</sup>, Aldilla Damayanti Purnama Ratri<sup>3</sup>

<sup>1</sup>Doctoral Program in Geography, Faculty of Geography, Universitas Gadjah Mada, Yogyakarta, Indonesia

<sup>2</sup>Department of Environmental Geography, Faculty of Geography, Universitas Gadjah Mada, Yogyakarta, Indonesia

<sup>3</sup>Agency for Meteorology Climatology and Geophysics (BMKG), Indonesia

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We investigate the possibility of tsunami hazard in North Bali due to the Flores Back Arc Thrust earthquake.

North Bali has a history of being hit by tsunamis — a massive one in 1815 left more than 10,000 people dead. Yet, it remains under-researched.

We applied TOAST based on Easywave simulation to simulate a worst-case M7.4 earthquake and tsunami.

## Key Result

Tsunami waves of more than 3.4 meters high within 1 minute could slam Eastern Buleleng, with more than 387,000 people at risk.

## Want to Know More?

Let's talk! See you at our poster — we will discuss how real-time modeling such as TOAST can improve tsunami preparedness at the community level.

