

Preliminary Tsunami Simulation After the 2025 Kamchatka Peninsula, Russia Earthquake

解析: Bruno Adriano (東北大学災害科学国際研究所 災害評価・低減研究部門)

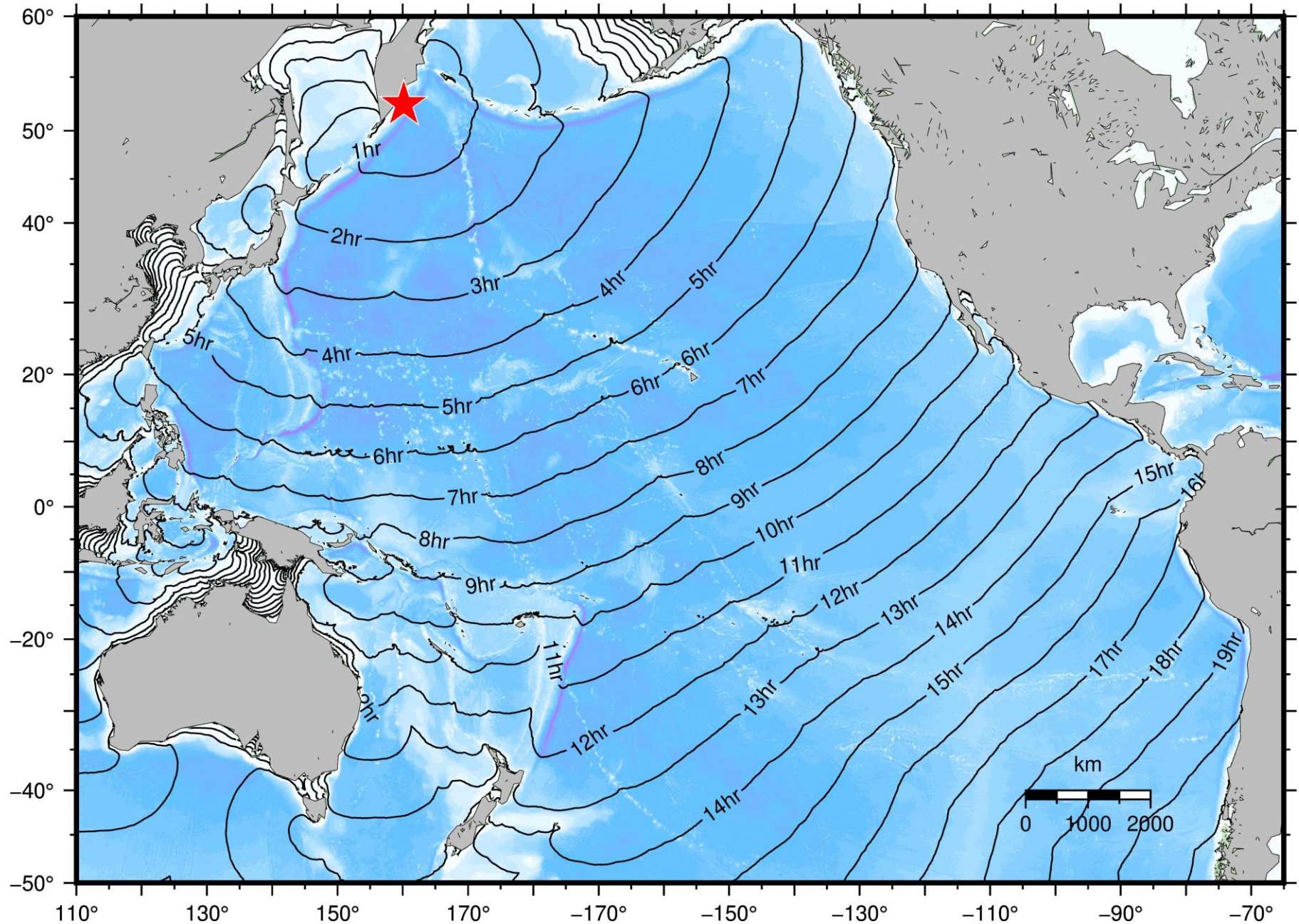
データ: USGS

作図: Generic Mapping Tool with GEBCO 2023

Tsunami Arrival Time Estimation

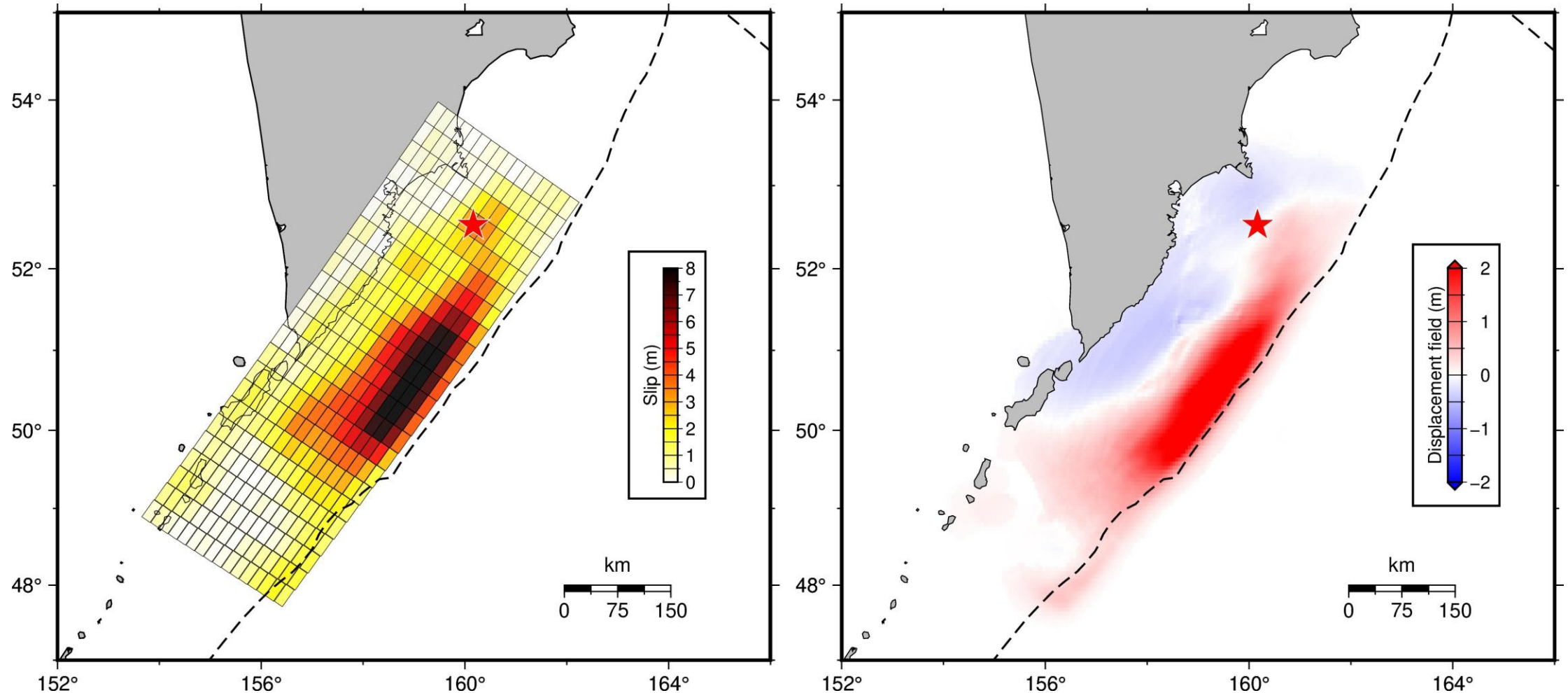
Data:

- Resample GEBCO^[1] to a three arc-minute grid size.



^[1] <https://www.gebco.net/>

Slip model from USGS Finite Faults solution^[2]

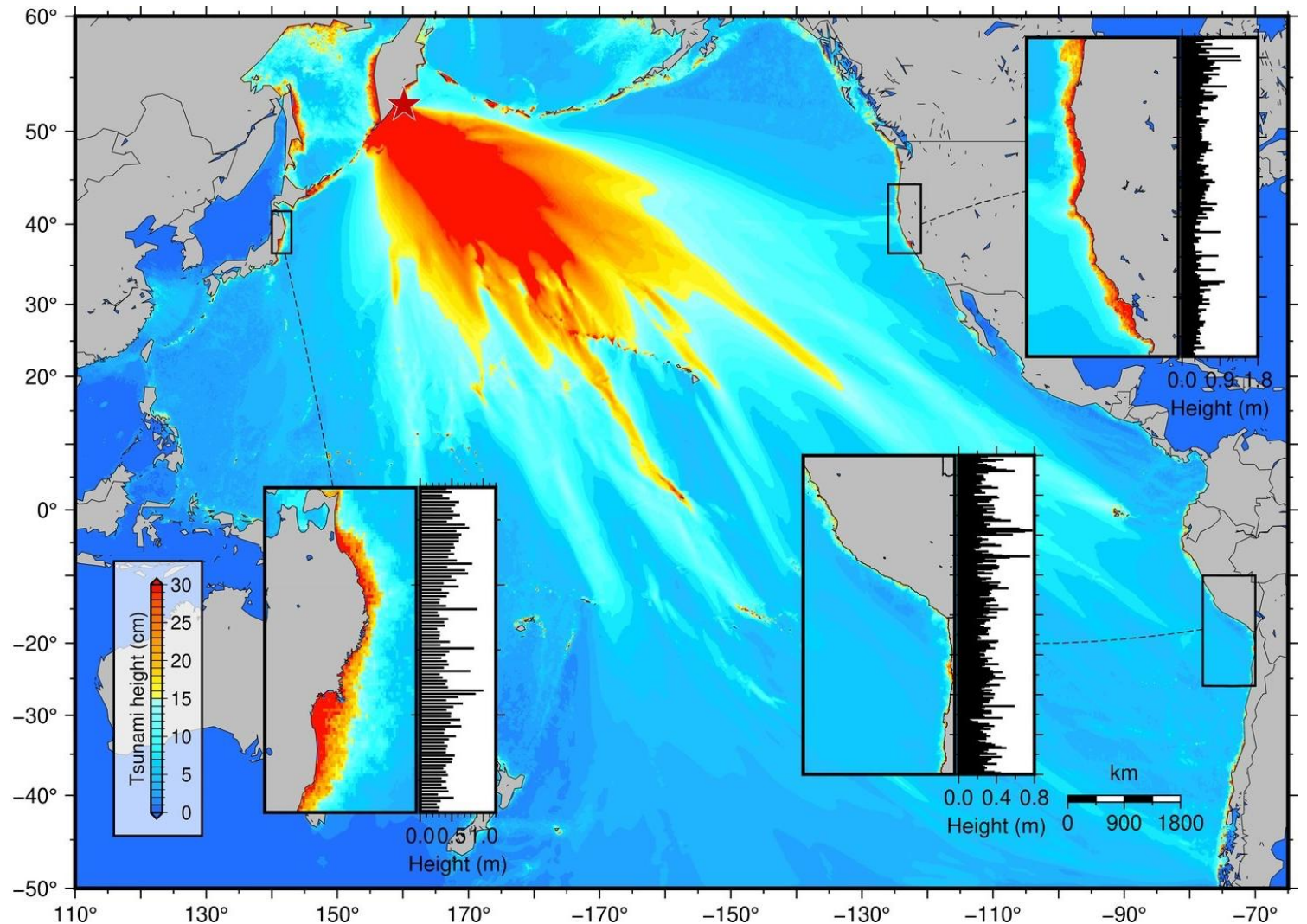


^[2] <https://earthquake.usgs.gov/earthquakes/eventpage/us6000qw60/finite-fault>

Maximum Tsunami Height Distribution

Data:

- Resample GEBCO to a three arc-minute grid size.
- Linear tsunami simulation^[3]



^[3] <https://doi.org/10.1007/s00024-017-1760-2>