

Natural Disasters



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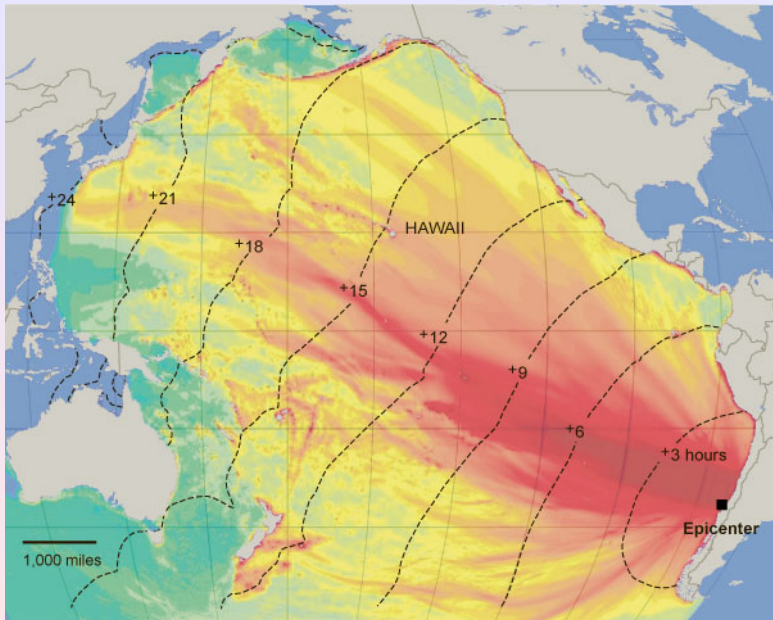
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University of Dubuque

Natural Disasters

- What is natural?
- What is not natural?
- What is a disaster?

Chile Earthquake 8.8



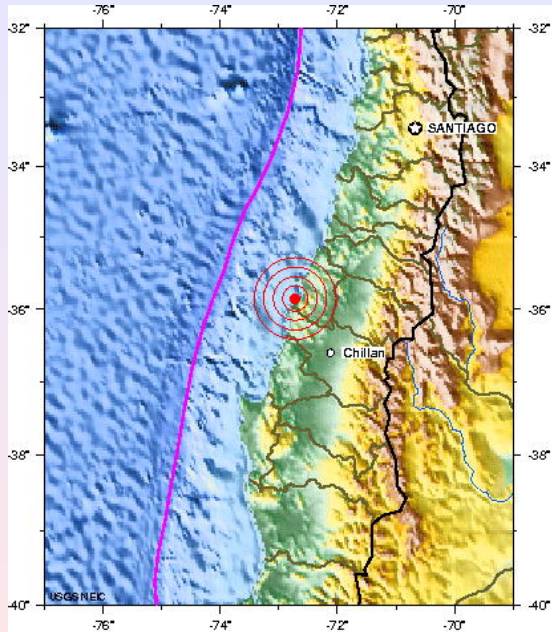


ESTIMATED TSUNAMI ARRIVAL TIMES

Hours after the initial earthquake.

ESTIMATED TSUNAMI WAVE HEIGHT





OFFSHORE MAULE, CHILE

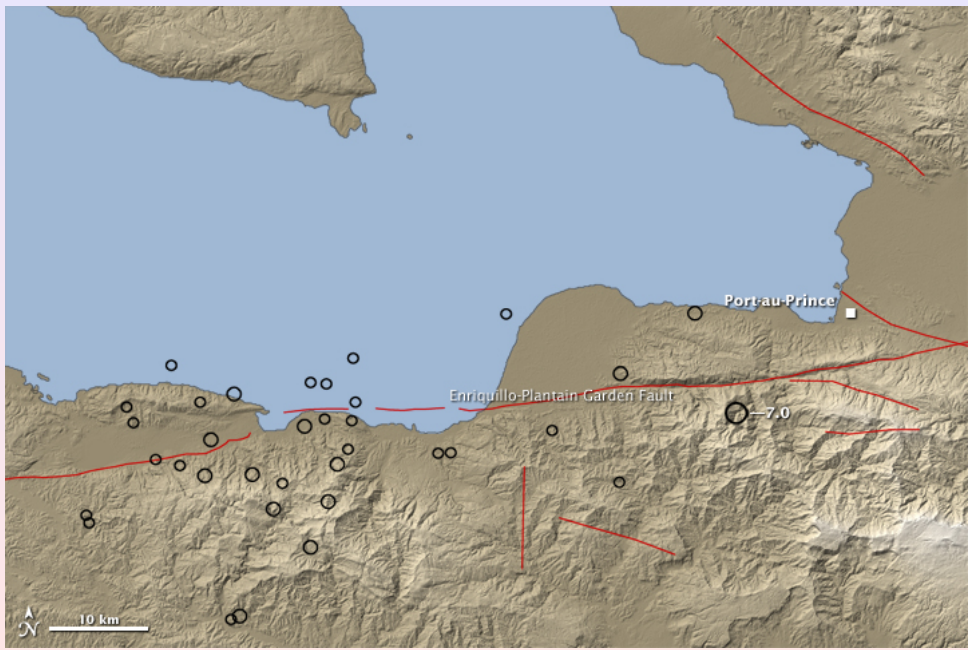
2010 02 27 06:34:14 UTC 35.85S 72.72W Depth: 35.0 km, Magnitude: 8.8

Earthquake Location

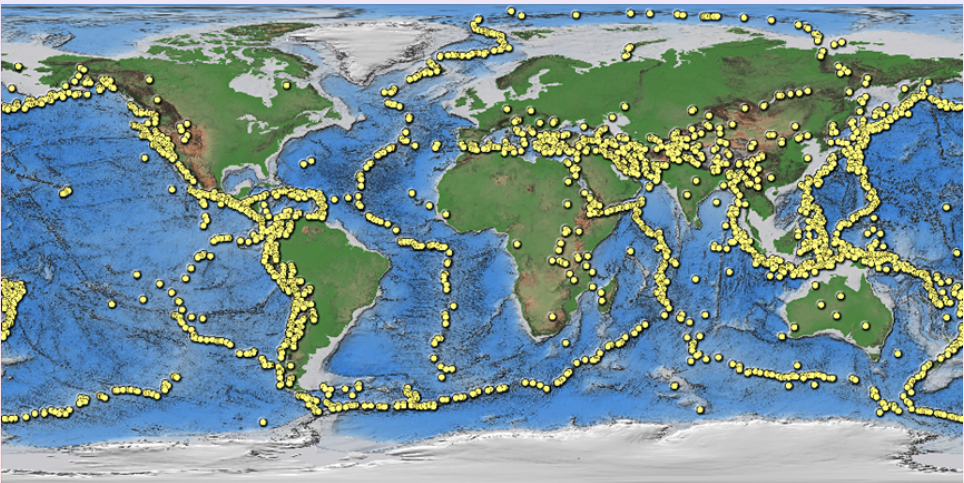
Haiti



Haiti Earthquake 7.0 (500 times less energy than Chile)



The Natural Part



The Human Part

Building
codes



Environmental Destruction



What is our
Duty?