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Soil in the area

- Soil type is brown forest soil and softer soils
- Tie to geologic activity: softer soil causes more movement and destruction of building infrastructure

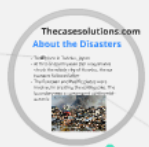
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Works Cited

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The Great East Japan Earthquake B: Fast Retailing Group's Response

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About the Disasters

- Took place in Tohoku, Japan
- At first an Earthquake (9.0 magnitude) shook the whole city of Honshu, then a tsunami followed after
- The Eurasian and Pacific plates were involved in creating the earthquake. The boundary was a convergent continental-oceanic



y was a convergent coastline

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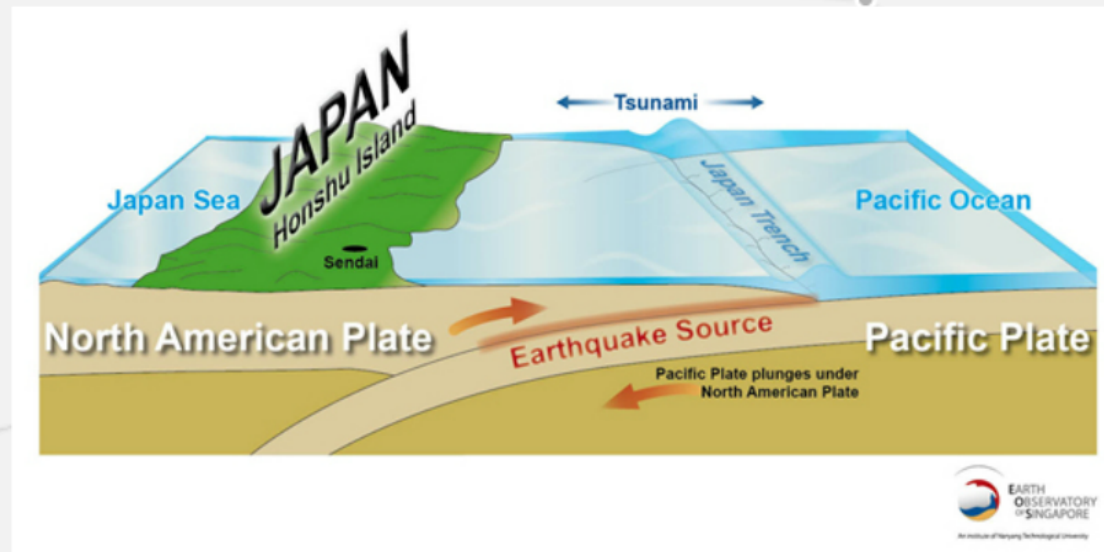
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Science behind the event

Negative Occurrences

- Submarine sliding of sediment masses with widths of several kilometers occurred
- The earthquake led to a tsunami with waves up to 33 ft. high which flooded parts of the city of Sendai including the countryside and airport.

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How was the environment affected

- **Hydrosphere** was affected because a tsunami occurred from the vertical shift in the ocean floor
- **Atmosphere** was affected because gas emissions from the ground release toxic gases into the earth's atmosphere
- **Biosphere** was affected because this earthquake killed people and destroyed crops and plantlife
- **Geosphere** was affected because it flooded the city with dirty water, houses and buildings fell leaving debris on the outside. Destroyed grass and ground.

How were humans affected?

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- Over 18,000 people died from this event. Mostly from drowning
- More than 52,000 refugees remain displaced because of the ongoing issues with the reactor at the Fukushima Daiichi nuclear power plant
- People in Tohoku has a shortage of food, water, shelter and medicine