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Response to Commentary: On the Scientific Status of the ConSCious Capitalism Theory

The background image shows a city in a state of complete devastation. In the foreground, a group of rescue workers in orange uniforms and white helmets are walking away from the viewer down a road. The road is littered with debris, including twisted metal and wooden planks. In the middle ground, a dark-colored car is parked on the side of the road. The background is filled with the ruins of multi-story buildings, some of which are still standing but heavily damaged, while others are completely collapsed. The sky is a clear, pale blue.

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ReSponse to Commentary: On the Scientific Status of the ConSCious Capitalism Theory

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An earthquake is the shaking of the ground caused by the sudden movement and release of large amounts of energy in the earth's crust. The edges of the tectonic plates are forced by gravity to rub against each other, and when they slip, the force is transferred to the ground, causing an earthquake.

Earthquakes happen when the tectonic plates move and release the energy that has been stored up. When it releases, it causes the ground to shake, creating an earthquake.

Fact 1: A fault line is a place where two tectonic plates meet. Most earthquakes happen along these lines.

Fact 2: The Richter scale is the point where the Earth shakes an earthquake is measured.

Question: The ground on the Earth's surface is constantly moving. How does this affect the ground?

What is an Earthquake?

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What can they

An earthquake can Do:

- alter the surface of the Earth (opening cracks in the ground)
- cause great damage by collapsing buildings and other man-made structures
- break power and gas lines
- cause landslides, tsunamis, mudslides, currents (turbulent waves) and volcanic eruptions



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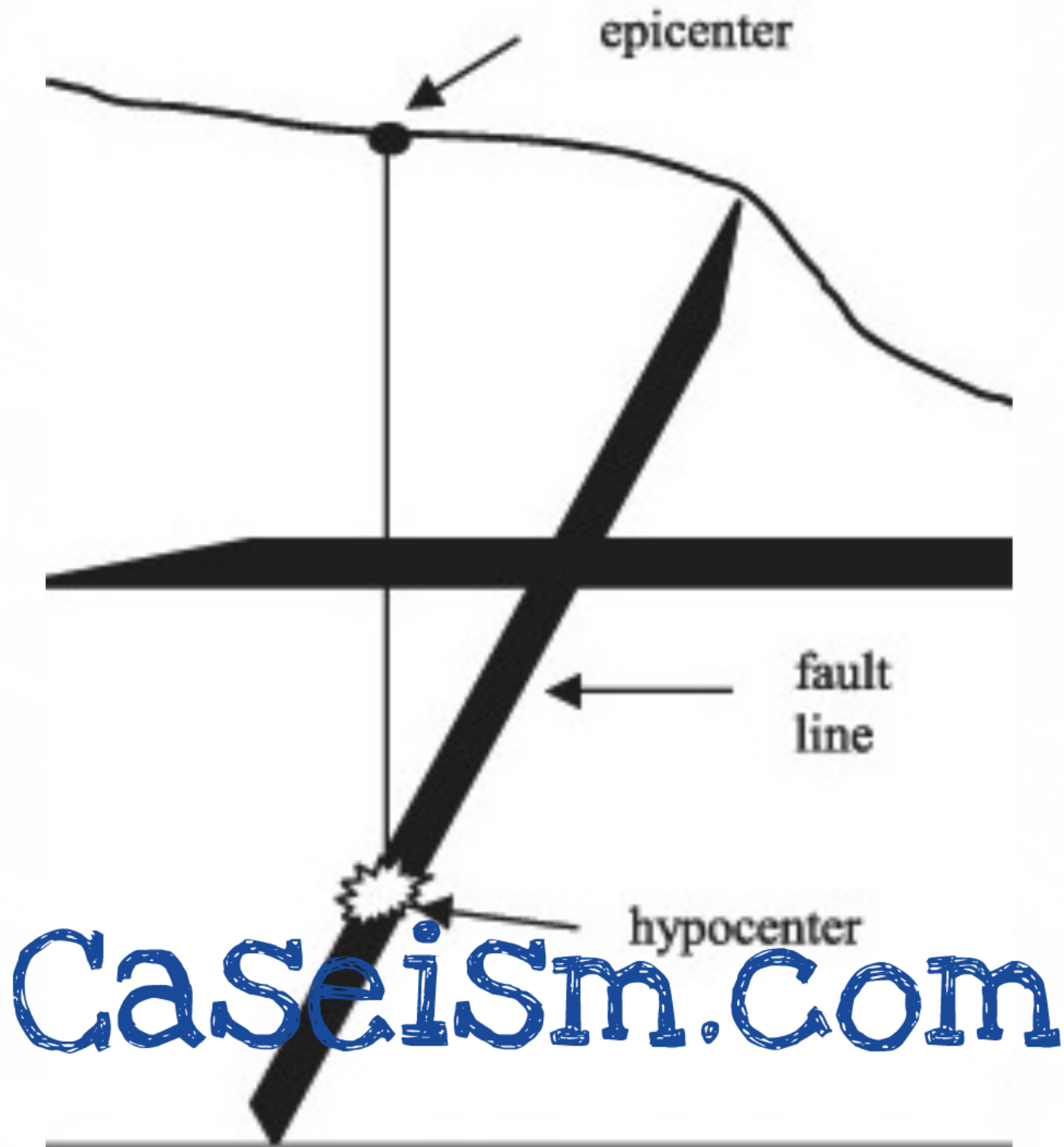
An earthquake is the shaking of the ground caused by the sudden movement and/or breaking of large sections (tectonic plates) of the earth's crust. The edges of the tectonic plates are marked by faults (or fractures). Most earthquakes occur along the fault lines when the plates slide past or collide against each other.

A Megathrust earthquake happens when the subducted (bottom) plate locks and causes the over riding(upper)plate to bulge upwards. When it releases, it slides suddenly causing a massive earthquake.

Fault Line: A fault line is a place where two tectonic plates meet (most commonly where earthquakes occur).

Hypocenter: The hypocenter is the point within the Earth where an earthquake rupture starts.

Epicenter: The point on the Earth's surface vertically above the hypocenter (focus) of an earthquake.



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What can they

An earthquake can: Do?

- alter the surface of the Earth (opening cracks in the ground).
- cause great damage by collapsing buildings and other man-made structures ie, break power and gas lines.
- cause landslides, snow avalanches, tsunamis (giant waves) and volcanic eruptions.





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What is a
Tsunami?

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A tsunami is a chain of fast moving waves in the ocean caused by powerful earthquakes or volcanic eruptions under the sea.



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What is a
Tsunami?

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