

# Earthquakes

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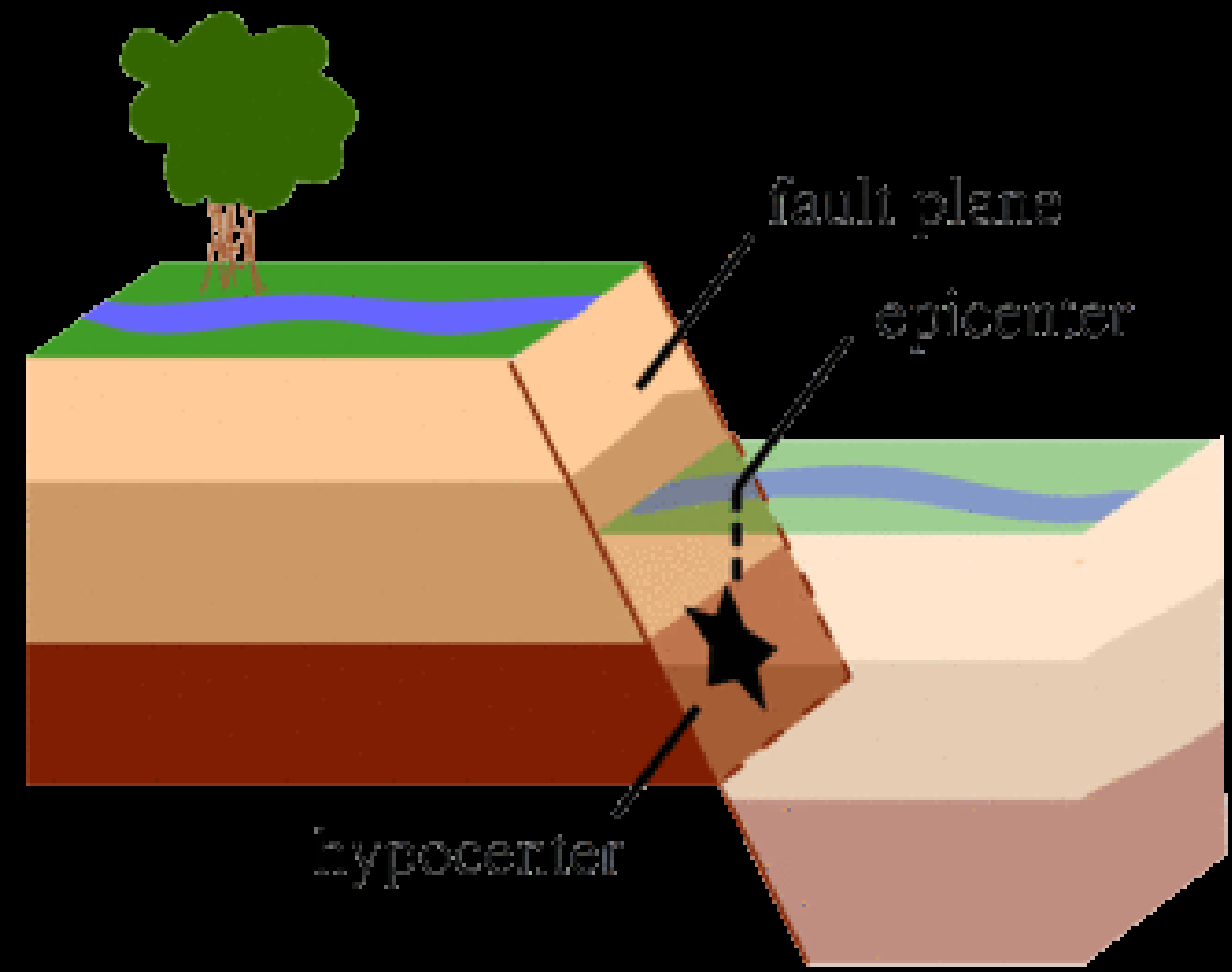
A NATURAL DISASTER



# What causes earthquakes?

## What can they do?

Earthquakes come from sudden movement along fault lines in the earth. The sudden movement comes from "elastic strain" energy in the form of seismic waves causing the ground to shake.



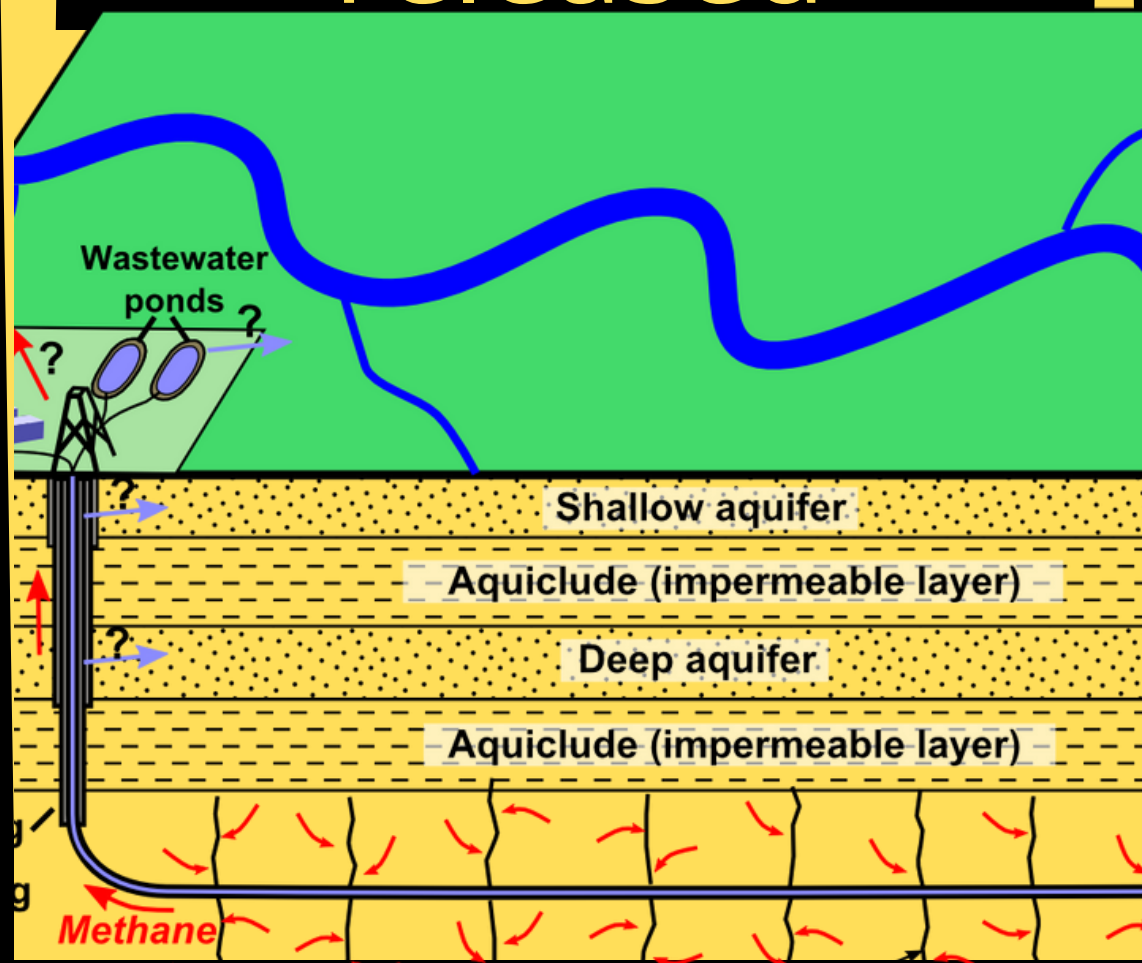
Earthquakes can cause destruction to ecosystems, air pollution, and even death

# What earth systems are affected?

*All the earth systems are affected when an earthquake occurs.*

## Atmosphere

Methane is released



## Geosphere

The earth's crust is damaged



## Hydrosphere

Causes water displacement



## Biosphere

Ecosystems are destroyed



# Safety Tips!

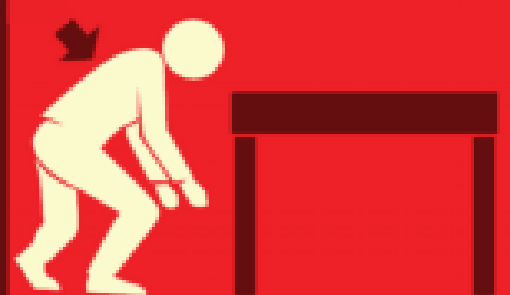


1. Have an emergency kit ready to go (can contain food, water, blankets etc)

2. Learn how to use your houses power box to shut it off during disasters

3. Drop and get under cover where you are away from any windows or hanging objects

4. Make sure to be aware of all electrical/fire hazards during and after the earthquake



**DROP!**



**COVER!**



**HOLD ON!**