

## **ESS 202: Earthquakes Spring Quarter, 2003**

**Watch the NOVA movie "The Day the Earth Shook " which is on reserve at the Odegaard A/V center. Answer the following questions and turn them in on Friday, May 23.**

This movie compares the Northridge and Kobe earthquakes. For each of these two earthquakes: How many people died? What was the cost in dollars? What were the magnitudes? When did they occur (date and time of day)?

What are three (or more) reasons for more damage in Kobe? Explain these in detail.

Give at least two examples of things that were done before these earthquakes that were effective in minimizing damage from these earthquakes.

Give at least two examples of things that can be improved to prepare for the next quake.

How long did it take seismologists to determine the location and size of each earthquake?

Why is it important to know an earthquake's size and location within minutes of the event?