

Final Projects for ESS 502: The Solid Earth 2018

Talks will be at 7:00 on ??, March ?? in the regular classroom.

Work in groups of 3 for the presentations.

Choose any topic related to Cascadia Tectonics and Subduction such as:

Crustal deformation and stress

Seattle Fault

Origin of intermediate-depth earthquakes

Role of fluids in the subduction process: earthquakes, volcanoes, serpentine mantle wedge, ETS, ...

Episodic Tremor and Slip

Megathrust Earthquakes

Earthquake Hazards

Volcanoes

Glaciers

...

The format for the presentations:

30 minutes for presentation, about 20 minutes for questions and discussion

A strong recommendation in preparation of your talk, a good format is (1) tell your audience what you want them to know, (2) give the background and details, (3) tell your audience what you want them to remember.

You can use the white board, overheads, power point, or just wave your hands. If powerpoint, please send the file to me in advance so I can have the laptop set up and ready to go with no time loss for fiddling around.

Talks will be evaluated on clarity in presenting (1) the key points, (2) the direct observations they are based on, and (3), alternative view(s).

Audience members will have two responsibilities:

1. Everyone in the audience must ask at least two questions.
2. Everyone must write a short summary (perhaps just two sentences) of each presentation identifying 1) the key point(s) and 2) the observations they are based on.