Mass wasting presentation instructions

Sarah Hall, College of the Atlantic
Becca Walker, Mt. San Antonio College

Instructions: You will be assigned one of the study areas below (with which you are already familiar). Research a major mass-wasting event for the study area and prepare an informal 5–7 minute presentation for your classmates.

Study areas:

* Tully, NY
* Thistle, UT
* Kelso, WA
* Prince William Sound, AK

In preparing your presentation, you should use both scientific resources (think about the scientific data sets that you have already used to get started) and other resources such as news articles. Your presentation must include the following:

I. Introductory material (no more than 2 minutes of your presentation)

1. Location map of the study area.
2. Date, location, and time that the mass-wasting event occurred.
3. Number of casualties, if applicable.
4. Total monetary damages and specific types of damages as a result of the event.
5. Any information on the volume and/or mass of material involved in the mass-wasting event, velocity of the slide, duration of the slide, and other metrics.
6. Type of mass-wasting event, including a schematic diagram.

## II. Environmental and built factors that contributed to the mass-wasting event

1. Graph of climate data for the study area, including monthly average precipitation and temperature. These data may be obtained from <http://www.usclimatedata.com/>.
2. At least one scientific study of the event and the objectives of the study, methods used, results, and conclusions.
3. Most important: description of as many different specific factors (geologic, climatic, and anthropogenic) as you can come up with that contributed to the mass-wasting event.