

### **Handout 14.1: Homework Assignment 14.1**

Using the Internet or other sources available to you, research case histories that highlight the following:

1. A case history where the principles of sustainability are being used (at least valued philosophically) in planning for earthquake hazard mitigation in a state, town, or community. Provide a specific explanation of the “sustainable” planning measures taken.
2. An earthquake case history (of a town or metropolitan region) where HAZUS has been used to predict the losses due to a future earthquake.
3. A case where planning efforts appeared to have resulted in an improved response to or recovery from an earthquake event. Provide a specific explanation of the planning measures taken and associated benefits.
4. A case history that demonstrates the importance and effectiveness of land-use planning for a town, community, or region.

For each of these, prepare a one-page informative abstract that summarizes the specific aspects of the project related to each of the issues above. (Note that an *informative* abstract contains important ideas and conclusions from the complete article. A *descriptive* abstract, on the other hand, simply states what the article is about in terms of its subject and scope). Be sure to properly cite your source(s).