Self-Inquiry survey
Understanding the importance of prior knowledge in mapping tectonic faults from geomorphology

How would you rate your experience with fault and geomorphic mapping?

1) I have no prior experience with fault or geomorphic mapping
2) I have little experience with either fault or geomorphic mapping (taken a course where this was covered or have heard of these tools in an academic or personal setting)
3) I have some experience with fault mapping and have made either a geomorphic or fault map before
4) I have extensive experience with fault and geomorphic mapping and am confident in my abilities to make an accurate fault map

For the following questions, rank yourself on a scale of 1) Strongly Disagree, 2) Disagree, 3) Neither agree nor disagree, 4) Agree, and 5) Strongly agree

I know what a Digital Terrain Model (DTM) is.

1   2   3   4   5

I can make a hillshade of a Digital Terrain Model (DTM) using GIS software.

1   2   3   4   5

I can identify geomorphic features (drainages, landslides, ridges, etc.) from a DTM derived hillshade, contours, etc. or optical imagery.

1   2   3   4   5

I have a good understanding of fault expression on the surface and how they relate to future rupture hazards.

1   2   3   4   5

I can generally identify faults (i.e., lineation in topography or visible scarps) via a hillshade or optical imagery without in-depth analysis.

1   2   3   4   5

I am familiar with anchoring and confirmation bias.

1   2   3   4   5