(a) Map showing the log10($\eta$, Pa s) for different locations around the world. The map color scale ranges from Liquid (blue) to Solid (red) through Semi-solid (yellow). The locations of Athens, Pasadena, Finokalia, Greece, and several others are indicated.

(b) Graph showing the predicted volatility distributions ($\eta$ (Pa s)) for different locations, with a log-log scale. The data points are labeled with city names such as Athens, Pasadena, Finokalia, and others, along with their predicted volatility values.