

SAMPLE OUTLINE

Title: "Chemical Changes in Ground Water Preceding the Kobe Earthquake"

- I. Problem**
 - a. Description of quake

- II. Background**
 - a. Prediction model

- III. Method**
 - a. Ground water variable, flow rate, radon

- IV. Results**
 - a. Flow rate
 - i. before quake
 - ii. after quake
 - b. Radon content
 - i. before quake
 - ii. after quake

- V. Analysis**
 - a. Comparison with other quakes**
 - i. Possible mechanisms of change
 - ii. Fissure widening from regional tectonic stress
 - iii. Permeability from increased microcracking

Wakita and Tsunogai. "Precursory Chemical Changes in Ground Water, Kobe Earthquake," *Science*.
[*Mayfield Handbook of Technical & Scientific Writing*](#)