

Case Details

Case Title:

Sherri's choice

Author(s):

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8/21/2009

Grade Level(s):

Middle School

Subject(s):

Earth Science

Summary:

Two college students are trying to decide where to spend their two month anniversary. Justin wants to go to the Indonesian coastline and Sherri has some reservations concerning his choice due to past tsunami occurrence. Sherri suggests that if Justin can provide evidence that the likelihood of tsunami occurring during their mid summer vacation is not likely she would consider it.

Adapted from:

Adapted from DeLoney, Turner & Haensly (2006). Tsunami Disaster

Suggested Citation:

McKenzie, Y. M., & Pokorny, J. J. (2009). *Sherri's choice*. Retrieved June 03, 2012 from Emory University, CASES Online Web site:
http://www.cse.emory.edu/cases/casedisplay.cfm?case_id=3169

Notes:

This case was inspired by: DeLoney, D. Y., Turner, B. L., & Haensly, J. W. (2006). Tsunami Disaster Retrieved June 07, 2007. from Emory University, CASES Online Web site: http://www.cse.emory.edu/cases/casedisplay.cfm?case_id=623

Learning Objectives:

1. List and describe the various types of tectonic plate boundaries
2. Explain what types of tectonic activity ultimately cause tsunamis.
3. Describe the formation and movement of tsunamis from the open ocean to shoreline
4. Describe the human impact of tsunamis, including public health, demographic, environmental and economic fallout.

National/State Standards:

Georgia Performance Standards

SCSh1. Students will evaluate the importance of curiosity, honesty, openness, and skepticism in science.

S6E3. Students will recognize the significant role of water in earth process.

S6E5. Students will investigate the scientific view of how the Earth's surface is formed.

S8CS9. Students will understand the features of the process of scientific inquiry.

SS7G9. The student will be able to describe and locate important physical and human characteristics in Southern and Eastern Asia.