

Downloadable at: <http://www.seis.sc.edu/scepp/teach/module.html>

SCEPP INTRODUCTION TO THE GLOBAL EARTHQUAKE EXPLORER [GEE] Student Instruction Guide

Note: These instructions have been prepared to provide you assistance in operating the GEE program. All bold items are menu items, which you will employ.

Exploratory Phase: Question 1:

1. Open GEE
2. Click Intro to GEE Module

Concept Development: Question 7:

1. Select the Tools drop down menu Click on Included Image(s); Included Image(s) window will open. Simple Wave diagram will appear within this window
2. Minimize this window Included Image(s) when finished with task

Applications Phase: Questions 1-7:

Note: To pick wave arrival times:

- a. Select (single click) on Tag Pick Zone (the icon showing a red bar across a seismogram)
- b. Highlight a particular area on a seismogram by clicking and then dragging on a seismogram. When you release the mouse button a magnified view of the highlighted area will appear in the Pick Zone window
- c. Repeat for additional wave arrivals and/or seismographs. They will appear in same window
- a. Close this window when completed with task

Question 8:

1. Select/Maximize (single click) Included Image(s); View Included Images' window will open. Simple Wave diagram will appear within this window. Select (single click) drop down menu options; select (single click) on Rukwa-Location
2. Map image should now be visible(within 'Included Image(s)' window):
 - Seismograph stations are white diamonds
 - The earthquake epicenter is a purple star
3. Close 'Included Image(s)' window when finished