

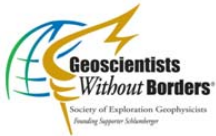
JTERM Course: GEOL 5399

Special Topics in Earth Sciences:

Assessing Geological Hazards in Jamaica, A Field-Based Approach



Research funding for this class provided by SEG's Geoscientists *Without Borders*



With additional student travel support provided by the *Institute for the Study of Earth and Man*

I S E M

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Note: Staff will purchase food for continental breakfasts to be available on field work days. Serving and cleaning up will be a group effort. Each person will prepare a sack lunch at breakfast time to take into the field. (If you have participated in the Field Studies class, you are familiar with this protocol.)

Wednesday, Dec. 5th. 9:00 am. Mandatory meeting to prepare for the class, sign waivers, insurance, scheduling and packing lists.

Monday, January 7th, Travel, Arrival, Orientation

--10:30am: Meet in Miami Airport. All students take American Airlines flight #1901 at 12:35pm from Miami to Kingston, Jamaica.

--Taxi as a group from airport to Port Royal, Jamaica. Check in to Morgan's Harbour Hotel.
<http://www.morgansharbour.com.jm/>

--5:00-6:00 pm : Presentation on the next day's activities. Introduction to data processing techniques.

--6:30-8:00pm: Welcome Dinner at Morgan's Harbour.

--8:00-10:00 pm: Test all gear. Ensure we have all batteries and chargers needed.
Tarp and equipment covers.

Tuesday, January 8th: Begin field work

--7:30 -8:00 am: Breakfast at hotel

--9:00am-4:00pm: Land Group field work

--8:00am-4:00pm: Marine Group field work

--9:00am-4:00pm: Processing Group work

--4:00-5:30 pm: Group trip to Lime Cay. Measure Coral Erosional Notches—evidence for coral tilt. Swim.

--6:00-7:00 pm: Group Dinner at hotel

--7:00-10:00 pm: Discussion/Present/Write-up Day 1 Results



Wednesday, January 9th: Continue field work

--7:30 -8:00 am: Breakfast

--9:00am-4:00pm: Land Group field work

--8:00am-4:00pm: Marine Group field work

--9:00am-4:00pm: Processing Group work

--4:00-5:30 pm: Group trip to Giddy House/Port Royal EQ Museum

--6:00-7:00 pm: Group Dinner

--7:00-10:00 pm: Discussion/Present/Write-up Day 2 Results

Thursday, January 10th: Continue field work

--7:30-8:00am: Breakfast

--9:00am-4:00pm: Land Group field work

--8:00am-4:00pm: Marine Group field work

--9:00am-4:00pm: Processing Group work

--4:00-5:30 pm: Group outing for Coral Holocene Notch measurements at other potential Cays just south of Kingston Harbour. Swim.

--6:00-7:00 pm: Group Dinner

--7:00-10:00 pm: Discussion/Present/Write-up Day 3 Results

Friday, January 11th: Continue field work

--7:30 -8:00 am: Breakfast

--9:00am-4:00pm: Land Group field work

--8:00am-4:00pm: Marine Group field work

--9:00am-4:00pm: Processing Group work

--4:00-5:30 pm: Group outing to Hot-Springs, Rock Fort, Jamaica (tentative). Measure spring temperatures for geothermal study. Swim?

--6:00-7:00 pm: Group Dinner

--7:00-10:00 pm: Discussion/Present/Write-up Day 4 Results



Saturday, January 12th: Travel to Eastern Jamaica—Geology Orientation.

--7:30 -8:00 am: Breakfast

--9:00 am: Take bus charter--travel to Port Morant, Jamaica, Whispering Cove Hotel (tentative).

--12:00pm: Lunch along travel route (enjoy some traditional Jamaican food)

-- 2:00 pm. Arrive at Hotel (TBD)

--1:00-4:00pm: Hornbach/Brown finalize boat charter for next morning.

--5:00-5:30 pm. Geology orientation for the region. Outline the next 3 days of research.

--6:00-7:00 pm: Group Dinner

--7:00-10:00 pm: Write up final results for Kingston Region and prepare for the next morning's seismic survey and carbonate/heat flow mapping

Sunday, January 13th: Begin Eastern Jamaica field Survey near Holland Bay.

--7:30 -8:00 am: Breakfast

--9:00am-5:00pm: Land Group field work

--8:00am-5:00pm: Marine Group field work

--9:00am-5:00pm: Processing Group work

--5:00-6:00pm: Free time

--6:00-7:00 pm: Group Dinner

--7:00-10:00 pm: Discussion/Present/Write-up Day 6 Results

Monday, January 14th: Continue Eastern Jamaica field Survey.

--7:30 -8:00 am: Breakfast

--9:00am-5:00pm: Land Group field work

--8:00am-5:00pm: Marine Group field work

--9:00am-5:00pm: Processing Group work

--5:00-6:00pm: Free Time

--6:00-7:00 pm: Group Dinner.

--7:00-10:00 pm: Discussion/Present/Write-up Day 7 Results.



Tuesday, January 15th: Finish Eastern Jamaica field Survey.

--7:30 -8:00 am: Breakfast

--9:00am-1:00pm: Land Group field work

--8:00am-1:00pm: Marine Group field work

--9:00am-1:00pm: Processing Group work

--1:00-2:00pm: Shower and clean up , check out of hotel.

--2:00 pm: Bus leaves for return trip to Port Royal, Morgan's Harbour

--5:30. Return back at Morgan's Harbour.

--6:00-8:00 pm: Final Dinner (TBD).

--8:00-9:00 pm: Discussion/Present/Write-up Day 9 Results. Ensure all data and reports are fully compiled!

--10:00 pm: Wrap-up with big picture conclusions for final report summary. Compile chapters.

Wednesday, January 16th:Packing equipment, Return To Dallas.

--Students leave on EARLY flights out of Kingston. There is a flight at 7:35am and one at 12:55pm.

-- Rest of group pack up gear and prepare for shipping. Finalized compilation of all data reports.

--Hornbach, Brown, and other senior members leave on late afternoon flight.