



Field Trip

“Geology of the Flax Pond Salt Marsh, and the Adjacent Gravel Beach”

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Saturday June 18, 2011
9:00 a.m. to 12 noon

During this field trip we will examine the morphology and substrate of a salt marsh, and the composition and morphology of a gravel beach. The sedimentary processes and vegetation that created these features will be considered, observed, and measured at various locations within Flax Pond. The trip will start at the Marine Sciences Research Center laboratory at Flax Pond where we will enter the marsh and examine the salt peat on its surface and the older underlying fresh peat. From there, we will walk along the gravel beach to the inlet and flood tide delta, and then back to the laboratory.

We will meet at **9:00 a.m.** at the Marine Sciences Research Center laboratory at Flax Pond. If you are traveling on the Long Island Expressway (495) go north at exit 62 on Nicolls Road (97) until you reach 25A at a T junction. Go 0.4 miles west (left) on 25A to Quaker Path. Go N-NE on Quaker Path 1.2 miles. When you reach the fork take the western fork (on your left) and go north on Mount Gray Road 1.3 miles. Then turn left (to the west) onto Crane Neck Road. Go about 0.4 miles to Shore Road. Take a right. Go about 0.2 miles east on Shore Road. On your left will be the laboratory.

We will go rain or shine.

Low tide will be at about 9 AM. Wear appropriate foot gear for walking in wetland.
Three contact hours toward in-service credit for teachers or professional geologists.

No Fee!

Long Island Geology web site is <http://www.geo.sunysb.edu/lig/>