



Field Trip  
**“Geology of Wildwood State Park”**  
**Gil Hanson and Glenn Richard**

Stony Brook University

**Saturday October 29, 2011**

**9:00 a.m. to 12 noon**

Wildwood State Park in Wading River is on the remnants of the eroded Harbor Hill Moraine. The beach area has many large boulders that were transported here by the glaciers. The park comprises 600 acres of undeveloped hardwood forest terminating on the high bluff overlooking Long Island Sound.

During this field trip we will

- characterize the different types of the erratics (boulders) and their sources
- discuss the history of the bluffs, and
- consider the history and sources of the loess (wind-blown silt) in a kettle in the park.

See the following sites for more information

*Age and Provenance of Long Island Loess* by Vesna Kundic

[www.geo.sunysb.edu/reports/kundic-thesis.pdf](http://www.geo.sunysb.edu/reports/kundic-thesis.pdf)

*Analysis of Boulder Distribution: Implications for Glacial Processes in the Vicinity of Wildwood State Park, Wading River, New York* by Jessica McEachern

[www.geo.sunysb.edu/reports/jmceachern\\_thesis.pdf](http://www.geo.sunysb.edu/reports/jmceachern_thesis.pdf)

We will meet at **9:00 a.m.** at the large parking lot at Wildwood State Park in Wading River, NY. If you are traveling on the Long Island Expressway (495) at exit 68 go north 7.4 miles on William Floyd Parkway (Suffolk County 46) until you reach 25A. Go 2.7 miles east (right) on 25A then turn left onto Sound Avenue. Go 1.1 miles then turn left onto Hulse Landing Road. Go 0.9 miles take slight right onto Wildwood Road and continue into Wildwood State Park. Gil Hanson's cell phone is 631-513-1583. Call only on the morning of Oct. 29 for help. He usually leaves his cell phone off.

**There may be a charge of \$8 per car for parking.**

**We will go rain or shine.**

Three contact hours toward in-service credit for teachers or professional geologists.

Long Island Geology web site is [www.geo.sunysb.edu/lig/](http://www.geo.sunysb.edu/lig/)