

Field Trip

"Geology of the SUNY Stony Brook Campus"

Gilbert N. Hanson

SUNY Stony Brook

Saturday June 19, 1999

We will meet at **9 a.m.** in room 123 of the Earth and Space Sciences Building on the SUNY Stony Brook Campus. The Campus is located on the Stony Brook moraine (Sirkin) or commonly known as the Harbor Hill moraine. On the field trip we will

- evaluate the types of boulders and the constraints that they may place on the path of the glacier and the nature of the basement underlying Long Island Sound
- consider the hydrology of the campus and the use of recharge basins
- describe the features and origins of abandoned stream valleys on campus
- evaluate geomorphic features that may have formed by ice shoving (glaciotectonics)
- stand at the peak of the moraine and look out to the south across the Terryville outwash plain toward the Ronkonkoma moraine
- visit the Brookhaven Town Kettle Hole Park

We will be walking a distance of about four miles. Wear sturdy walking shoes or boots. Be prepared for inclement weather. **We will go rain or shine. There will be no refunds. Bring lunch and drink.**

The tour will finish by **4:00 p.m.**

If you wish to participate, we need to know by **Tuesday, June 15**. Make your reservations by sending a check for \$10.00 per participant made out to Long Island Geologists.

Long Island Geologists
Earth and Space Sciences Building
S.U.N.Y.
Stony Brook, New York 11794-2100 Tel. 516 632 8535; Fax 516 632 8240

DIRECTIONS TO SUNY Stony Brook and ESS BUILDING

From exit 62 of the Long Island Expressway (LIE, I-495) follow Nicolls Road (Route 97) north for nine miles. Pass the South and Main entrances to the University.

Enter the North entrance which will be on your left. At the top of the small hill, turn right on North Loop Road.

Proceed about 1 mile to first stop sign. Turn left onto SAC Drive and then immediately turn left again onto Center Drive. Proceed about 50 yards then turn right into the large paved parking lot. The Earth and Space Sciences building is the large concrete building at the northeast end of the parking lot. Map of campus is on the web at: www.sunysb.edu/doi/maps.html

In-service credit is available for teachers.

During the 1999-2000 academic year we will be offering one-hour of in-service credit for each of the:

- Seven Geology Open Nights
- Eight Astronomy Open Nights
- Three Long Island Geologists Dinners

We will offer 7.5 hours of in-service credit for the conference on the Geology of Long Island and Metropolitan New York in April 2000. We will offer up to 7.5 hours for each of the two Long Island Geologists field trips.

Cut Here-----

Enclosed is a check for \$____.to reserve ____places for the Field Trip on June 19, 1999.

Name(s) _____

Affiliation _____

Address _____
Town _____ State _____ Zip _____

Phone Number _____ Fax Number _____ e-mail _____

If you are a teacher, would you like in-service credit? _____