



Field Trip

"Hartford Basin, Connecticut"

Troy Rasbury and Gil Hanson
SUNY Stony Brook

Thursday June 27, 2002

The Hartford Basin is [one of the many rift basins](#) along the east coast of North America that formed during the early stages of rifting of Pangea during the Triassic and Jurassic. The [rifting of Pangea](#) eventually led to the formation of the Atlantic Ocean. The Hartford Basin contains a thick sequence of stream and lake sediments and basaltic sills and lava flows all of which are well exposed. We will have lunch at [Dinosaur State Park](#) in Rocky Hill Connecticut where you will see five hundred dinosaur tracks enclosed within the [Exhibit Center's geodesic dome](#). On the ferry to Bridgeport we will review the geology of the Hartford Basin and discuss the stops that we will be seeing. You should be able to get good samples of mudstones, sandstones, ancient soils and basalt.

Meet in the large ESS Parking lot at SUNY Stony Brook. We will leave promptly at **7:15 a.m. to catch the 8:00 a.m. Ferry in Port Jefferson** to Bridgeport. While the Brookhaven Town parking lot near the ferry is free for Brookhaven Town residents, it costs \$15 per day for non-residents. There are no other places to legally park for the whole day in Port Jefferson. If you choose to park in Port Jefferson, get on the 8:00 a.m. ferry and meet the group on the fantail. We will catch the 4:30 p.m. ferry from Bridgeport returning to Port Jefferson by 6:00 p.m. (If traffic conditions permit.)

We will go rain or shine. There will be no refunds. Bring lunch and drink.
No food is available at the park

DIRECTIONS TO SUNY Stony Brook and ESS Parking Lot

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. Map of campus is on the web at: <http://www.sunysb.edu/doit/maps.html>

If you wish to participate, we need to know by **Monday, June 24**. Make your reservations by sending a check for \$30.00 per participant made out to Long Island Geologists. **No confirmation will be sent.**

Long Island Geologists
Earth and Space Sciences Building
S.U.N.Y.

Stony Brook, New York 11794-2100 Tel. 631 632 8535; Fax 631 632 8240

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

In-service credit is available for teachers.

During the 2001-2002 academic year we will be offering one-hour of in-service credit for each of the: six Geology Open Nights. 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 2002. We will offer up to 7.5 hours of in-service credit for Long Island Geologists field trips in October and June. You may also be interested in the Astronomy, Physics and Biology Open Night programs, which also offer in-service credit. The Science Open Night programs at Stony Brook can be found on the web at www.astro.sunysb.edu/openight/openscience.html

Cut Here-----

Enclosed is a check for \$____.to reserve ____places for the Field Trip on June 27, 2002.

Name(s) _____

Affiliation _____

Address _____
_____ Town _____ State _____ Zip _____

Phone Number _____ Fax Number _____ e-
mail _____

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

I (We) will meet the bus at SUNY Stony Brook. _____

I (We) will meet the group on the Ferry. _____