



New York City / Long Island Chapter of the American Meteorological Society



Sponsored by Columbia University's Fu Foundation School of Engineering and Applied Science



Kerry Emanuel

Professor of Atmospheric Science
Massachusetts Institute of Technology

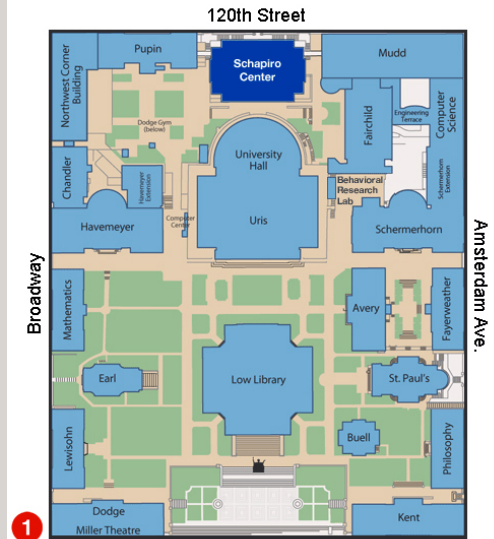
Thursday, November 15, 6:30pm

Columbia University
Davis Auditorium, 412 Shapiro Center *
530 W. 120th Street, New York, NY
(between Broadway & Amsterdam)

* To reserve a spot, contact: Philip Orton
philip.orton@stevens.edu

“Assessing Storm Surge Risk at New York City”

Reception immediately following



Kerry Emanuel is a professor of atmospheric science at the Massachusetts Institute of Technology, member of the National Academy of Sciences, and winner of the Carl Gustaf Rossby Research Medal from the American Meteorological Society, its highest honor. He is most well-known for his work on ocean heat and tropical cyclones, and more recently on relating this to climate change. He is currently primarily working on various aspects of moist convection in the atmosphere, and on tropical cyclones. He is interested in fundamental properties of moist convection, including the scaling of convective velocities and the nature of the diurnal cycle of convection over land. His group has developed a promising technique for inferring tropical cyclone activity from coarse-grain output of climate models or re-analyses.

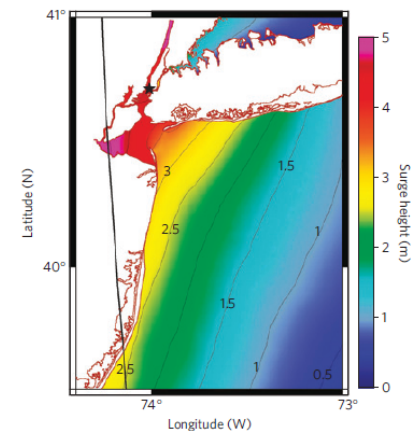


Figure: A worst-case hurricane storm track and surge at New York City

Directions to AMS NYC/Long Island Chapter Seminar at Columbia University

Davis Auditorium is Shapiro Center's room 412, four floors above 120th Street level, yet "ground level" if you walk in across campus. From 120th Street, you'll need to take the elevator up four floors. See campus map on prior page.

If Coming by New York City Public Transportation

Five bus lines (M4, M5, M11, M60, M104) and one subway line (the No. 1 local) serve the Columbia neighborhood. The Columbia stop for the subway is 116th Street, whereas buses also stop near 120th Street. The M60 bus is a direct link between campus and LaGuardia Airport. Do not use the Nos. 2 and 3 express subway trains, which follow a different route and do not stop at Columbia University. If you take the No. 2 or 3, transfer at 96th Street to the No. 1 local train. Maps of bus and subway routes and trip planners are available on the Metropolitan Transportation Authority website at <http://www.mta.info>.

If Coming by Train or Bus

Trains to New York arrive at Grand Central Station or Pennsylvania Station; buses stop at the Port Authority Bus Terminal. Visitors arriving at these stations can take either public transportation (the 1 subway line) or a taxi north to the campus.

If Coming by Car:

There is usually ample street parking on 120th Street between Broadway and Amsterdam, or if not then in blocks nearby. If not, then pay to park in the structure on 120th Street (between Claremont Ave. & Riverside Drive).

... By Car From the North

Take the New York Thruway (I-87) or the New England Thruway (I-95) south to the Cross Bronx Expressway (I-95) in the direction of the George Washington Bridge. Take the exit for the Henry Hudson Parkway south (last exit before the bridge). Exit the Parkway at West 125th Street. Merge onto Marginal Street (0.2 miles). Turn left onto 125th Street (0.2 miles). Turn right onto Broadway, heading south. Turn left onto 120th Street and the northern campus gate will be half a block up on the right. **Alternatively**, take the Saw Mill River Parkway south to the Henry Hudson Parkway south. Cross the Henry Hudson Bridge (pay toll) into Manhattan. Exit the Parkway at West 125th Street. Merge onto Marginal Street (0.2 miles). Turn left onto 125th Street (0.2 miles). Turn right onto Broadway and head south. Turn left onto 120th Street and the northern campus gate will be half a block up on the right.

... By Car From Southern Manhattan or Brooklyn

Take the Henry Hudson Parkway (Route 9A) north. Exit the Parkway at 125th Street. Turn right onto 125th Street, heading south. Turn left onto 120th Street and the northern campus gate will be half a block up on the right.

... By Car From Long Island

Take the Long Island Expressway or the Grand Central Parkway west to the Triborough/RFK Bridge (pay toll), to Manhattan. Follow 125th Street westward 12 blocks to Broadway, which is under an elevated subway structure. Turn left onto Broadway, heading south. Turn left onto 120th Street and the northern campus gate will be half a block up on the right.

... By Car From the South or West

Take the New Jersey Turnpike north or I-80 east to the George Washington Bridge (pay toll). After crossing the bridge, take the exit for the Henry Hudson Parkway south. Exit the Parkway at 125th Street. Merge onto Marginal Street (0.2 miles). Turn left onto 125th Street (0.2 miles). Turn right onto Broadway and continue south to 120th Street. **Alternatively**, drivers can enter New York City via the Lincoln Tunnel. Take I-280 north to I-95 north. From I-95, take Exit 16E toward the Lincoln Tunnel/NJ-3 (pay toll). Keep left at the fork and merge onto NJ-495 east. Leaving the tunnel, take the exit toward 42 St./I-495 E/New York 9A; bear to the left and continue under the underpass onto Dyer Avenue. Turn left onto West 41st Street. Turn right onto 12th Avenue, the Henry Hudson Parkway. From the Parkway, take the West 96th Street exit. Merge onto 96th Street and turn left onto Broadway. Turn right onto 120th Street and the northern campus gate will be half a block up on the right.