

Lamont Atmospheric Carbon Observation Project (LACOP)

By: Diana Hsueh & Yun Zheng



Meteorology (MET) Stations

Measures:

CO₂

Rain

Soil Temperature

Soil Moisture

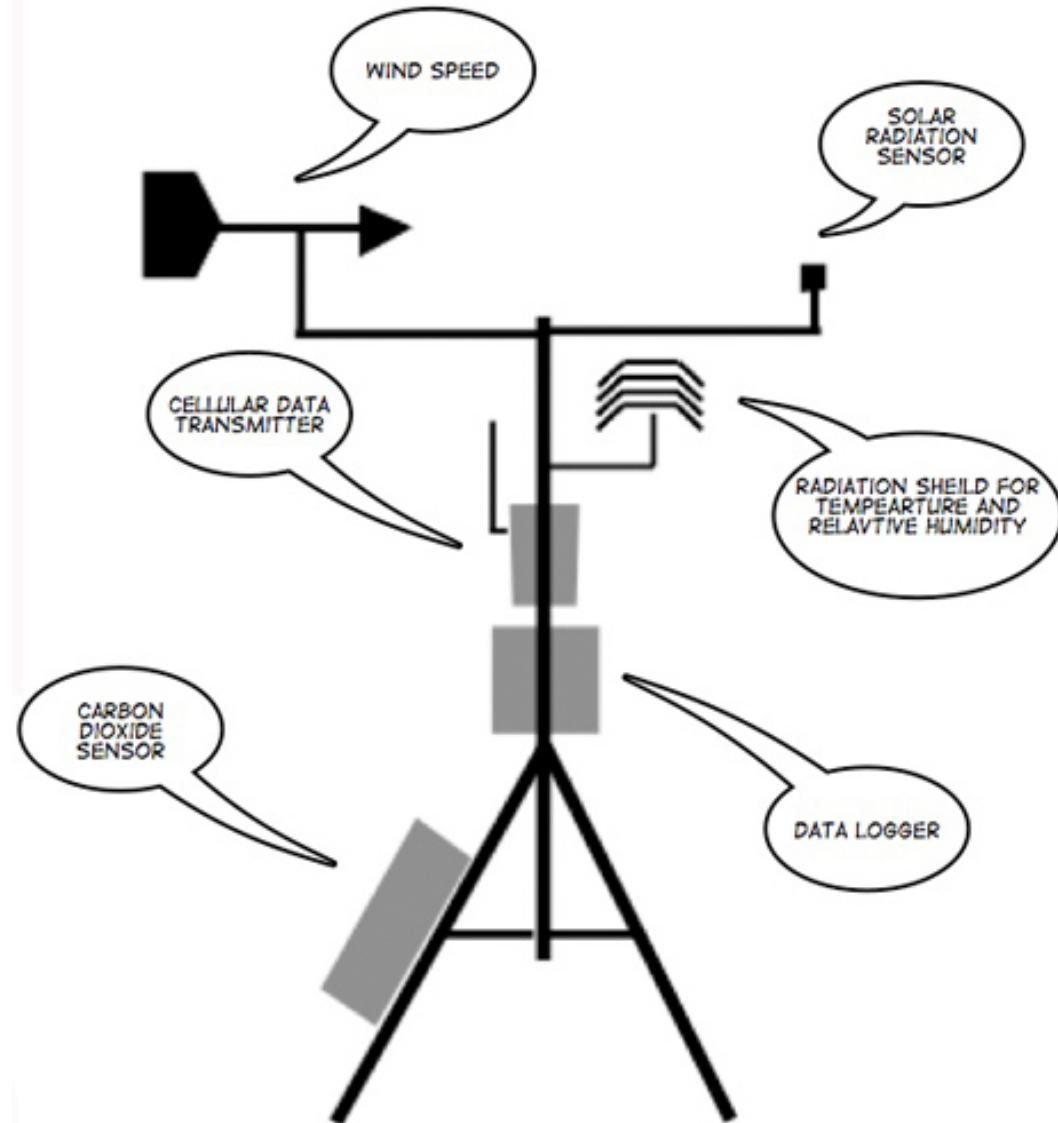
Air Temperature

Relative Humidity

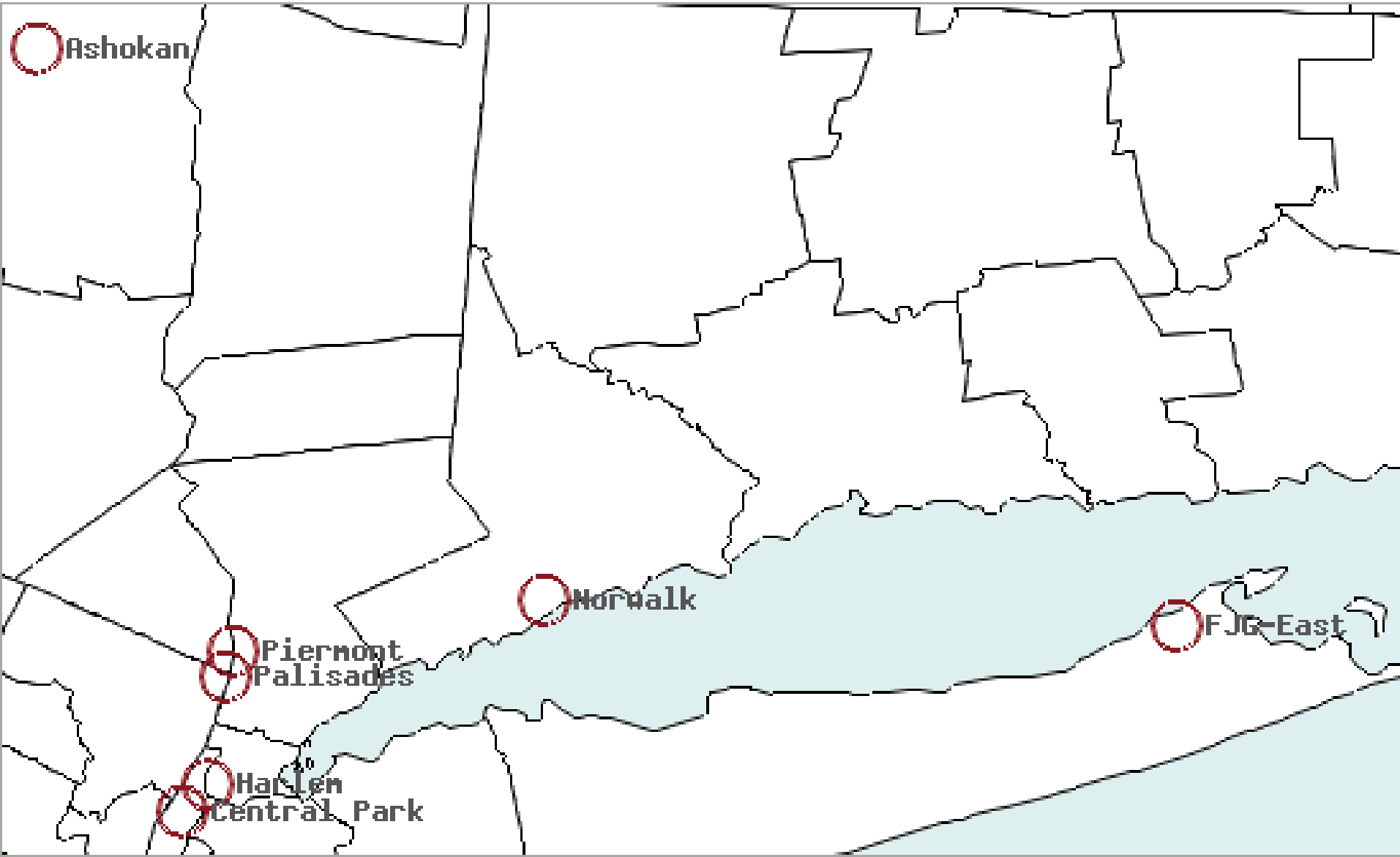
Solar Radiation

Wind Direction

Wind Speed



Locations of MET Stations





Harlem



Central Park



Lamont Doherty



Ashokan



Norwalk



Southold



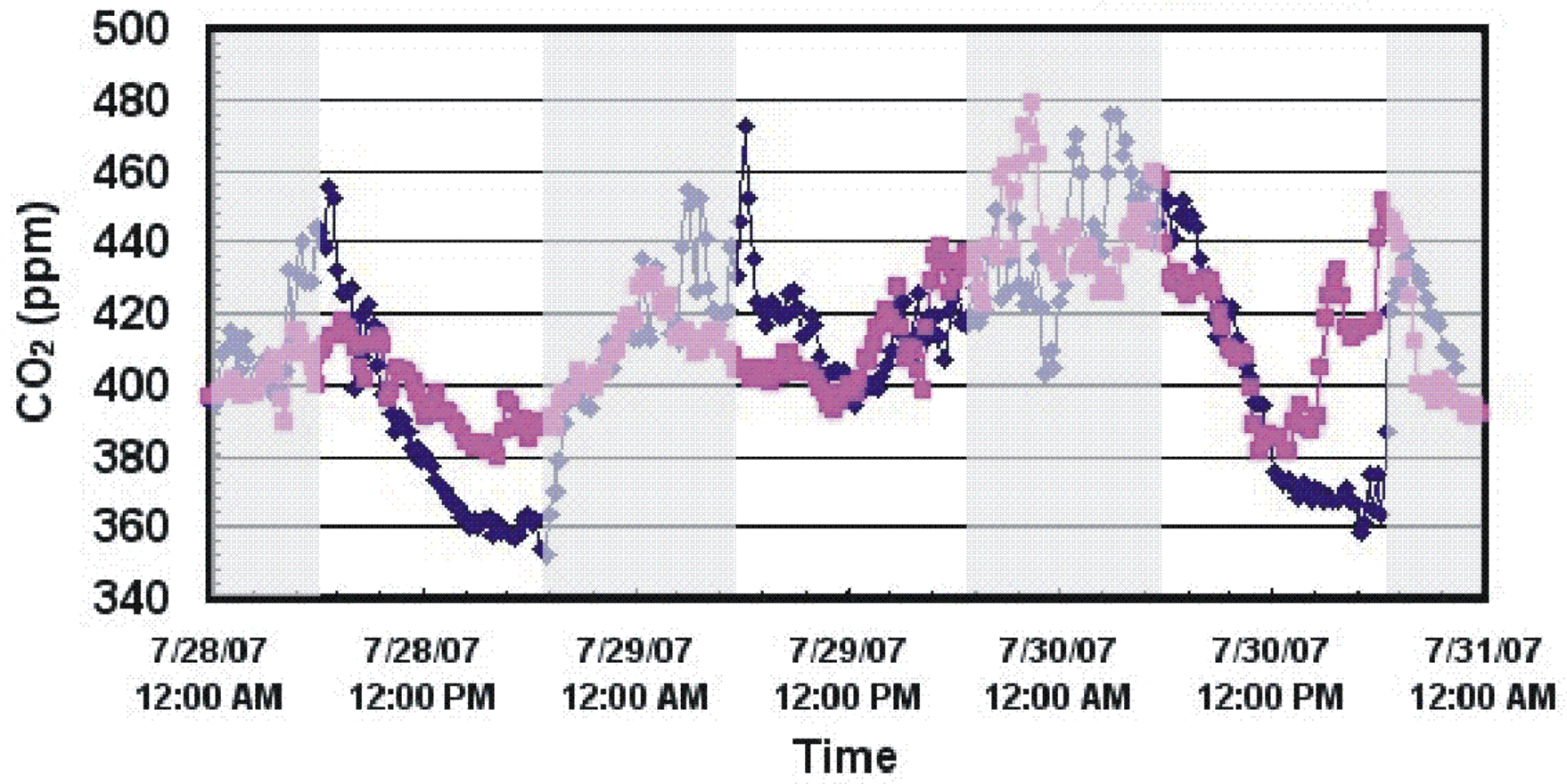
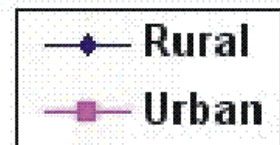
Piermont



Sample CO₂ Box from Ashokan

Rural vs Urban

nighttime



<http://www.Ideo.columbia.edu/outr/LACOP/>

LACOP

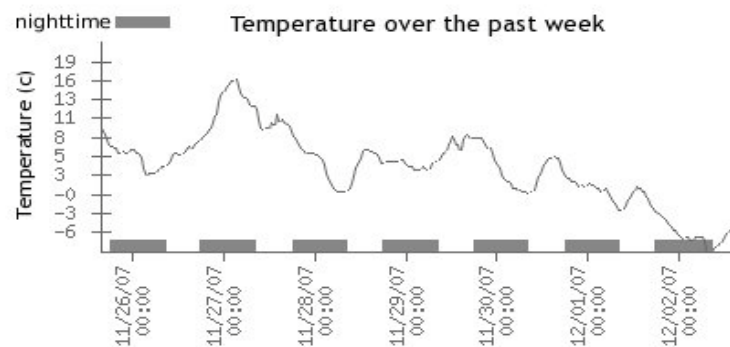
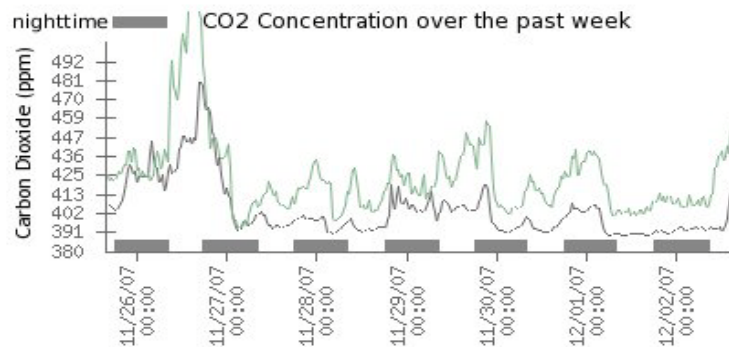
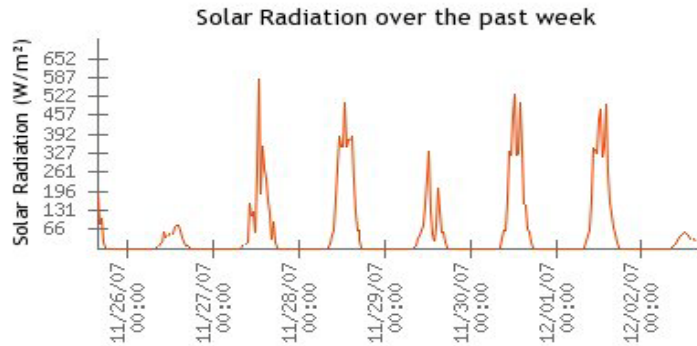
Lamont Atmospheric Carbon Observation Project



- HOME
- OBSERVATION SITES
- ABOUT LACOP
- PILOT STUDY
- DATA COLLECTION

Palisades Weekly View

[<< Return to the Palisades Dashboard View](#)



Acknowledgements

Wade McGillis

Elaine Silver

Ju Young Lee

Internship of the Earth Institute
Climate Change Adaptation
Initiative is made possible by a
grant from HSBC in the
Community (USA) Inc.

Maxwell Martin

Arturo Ilano

Christa Brelsford



LAMONT-DOHERTY
EARTH OBSERVATORY
THE EARTH INSTITUTE AT COLUMBIA UNIVERSITY

