

**HUNTER COLLEGE OF THE CITY UNIVERSITY OF NEW YORK
DEPARTMENT OF GEOGRAPHY**

Fall 2012

GEOG 260 (code 1439) and GEOG 62151 (code 3811)

Geography of New York State

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Computer Lab: Room 1090B North Bldg.
Course Home Page: <http://www.geo.hunter.cuny.edu/courses/cwpages.html>

COURSE OVERVIEW

GEOG 260/621.51 Geography of New York State is a regional course focusing on the geographic aspects of the political area called New York State. Enrollment in GEOG 621.51 is for students in the Teacher Education Program who need credits in social studies to fulfill their degree requirements. The prerequisite for both courses is GEOG 101 or an equivalent introductory geography course. This course is categorized as “**W: Web Enhanced**” because of its reliance on Internet sites to provide information. See COURSE OBJECTIVES and FORMAT sections below.

Since Geography is both a physical and social science, knowledge of the basic concepts of earth systems is important for us to better explain and analyze human interaction with them. We explore and take examples from NYS’s past as we look at its present and analyze current conditions. Using accumulated knowledge, we then are able to make informed decisions for the future in NYS.

COURSE OBJECTIVES

The goals of the course are: (1) to learn about the geography of New York State – its physical environment, the distribution of its people and their activities, and the interrelationships between the people and the environment in the NYS - and to apply geographic principles and reasoning to a real world situation where NYS is used as an example of regional analysis; (2) to explore, navigate through, and use the geographic information available on the Internet, especially the information provided by the State of New York; (3) to learn how to interpret this information geographically; and (4) to make regional comparisons based on mapped and statistical information. For those in the education sequence, in addition to 1-4 above, (5) to gather and use information within the guidelines of the *National Geography Standards* for presentation at a grade-specific level.

OUTCOMES

Upon the successful completion of this course, you will be able to: (1) relate the cultural landscape of NYS to its physical characteristics, (2) navigate the Internet to find geographic information and maps of NYS, (3) interpret maps and statistics geographically, and (4) make regional comparisons leading to informed decisions using geographic principles and spatial concepts. For those in the education sequence, in addition to 1-4 above, (5) meld this knowledge with the *National Geography Standards* for presentation to students at specific grade levels.

FORMAT

Geography of New York State is an Internet-based course. It depends heavily on the web sites of the State of New York and other appropriate non-NYS government web sites. This course will use and apply the fundamental concepts of geography presented in an introductory geography course.

Each student will focus on **3** of the state's 62 counties and these counties – from dissimilar areas which will be randomly assigned - are the basis of class work and assignments throughout the semester. The required and optional take-home exercises allow students to navigate through sources of material and mine data that can be analyzed geographically. Most of the exercises require access to the Internet and a printer to complete. Material and assignments will be distributed electronically and stored on the *Course Homepage* not on HC *BlackBoard*. Students will have access throughout the semester to the Geography Computer Lab located in Room 1090B North Building and have use of the high-speed workstations and printers via an account and password.

The course is divided into two sections. **Part I** deals the **physical characteristics** of NYS: paleogeography, physiographic regions, glaciation, seismicity, mineral deposits, climate, weather, soil, water resources, the coastal zone, and related environmental issues. **Part II** focuses on the **cultural landscape**: people's interaction with the elements of earth environment, settlement decisions, and the use of what is available to them. Here, we look at the state's **historical geography**: Native Americans in pre-European times; European exploration and settlement of NYS; the state's role in the American Revolution; its development in the post-revolutionary period (settlement pattern, the canal era; railroad era, industrialization and urbanization) to the present. Then we look at the **population geography** of NYS (trends, the aging of NYS, health issues). Next is the **rural landscape** (environmental history, conservation, open space, forestry and agriculture). We end by looking at the **urban landscape** (original site locations, urban functions, and economic variables).

GRADING

Grading (detailed below) is based on 2 exams and 12 exercises. There is the ability to earn extra credit through optional exercises, documented field work and a topical research paper. **Assignments have deadlines and lateness is penalized.** Any exercise not handed in for grading by the date of the final exam will be given a grade of zero. The **IN** grade (*for incomplete course work*) is given under the most extraordinary circumstances at my discretion after receiving documentation from you. (*FYI: most IN grades turn into an FIN because the student does not turn in the missing work for grading so it is usually better to opt for a lower passing grade than to try to do catch-up the following semester.*)

1. Exams (28%). There will be two exams (midterm and final) worth **14 points each**.

2. Required Exercises (72%). There will be 12 required Internet-based exercises worth **6 points each**. Each exercise is due no later than the second class meeting after its distribution. Exercises are graded on a 10 point scale. Exercises submitted late will be penalized one-half point. Late exercise penalty is better than a zero. **NOTE:** All students will get an account in the Geography Department Computer lab where high speed computers for web-browsing and high speed printers are available to complete the exercises. Each student will have an initial credit for printing. Additional printing may be purchased in the Geography Department Office, Room 1006HN.

3. Extra Credit. (*You may attempt all for extra credit.*)

(a) Take-home exercises. Each additional exercise, completed and submitted for grading in the portion of the semester that it was assigned will add up to 1/2 pt. each to your term average. Extra credit exercises are due no later than the start of the midterm or the final exam.

(b) Glaciation in Your County. Every county of NYS exhibits glacial features. For up to 5 extra credit points on the midterm exam, describe and illustrate the glacial features found in one of your assigned counties. Details will be made available in class and on the course home page.

(c) Urban Site Development in Your County. For up to 5 extra credit points on the final exam, select one urban place (as the county seat or largest city or tourist town) from one of your assigned counties and describe its historical geography and landscape development. Details will be made available in class and on the course home page.

(d) A Research Paper consisting of a 5 page narrative with footnotes **plus a bibliography page, plus maps** and illustrations on a **pre-approved topic**. The paper must be concise, focused on the approved topic and show the geography behind the theme by incorporating at least one of the five fundamental themes of geography as presented in class. Details will be made available on the course home page.

4. Class participation will help to determine borderline grades.

5. Attendance is taken. There is a direct correlation between good attendance and good grades.

6. Missing Work at End of Semester. The IN grade is given under the most extraordinary circumstances at my discretion after receiving documentation from you.

(a) A missed midterm exam should be taken before Finals Week to avoid the IN grade.

(b) Missing required exercises must be submitted by the date of the final exam but an exception may be made for an unusual documented circumstance.

(c) If you miss the final exam you must contact me via email within 48 hours of the exam, explaining the circumstances of your absence and requesting an IN grade. (*A student with a failing term average who misses the final exam will receive an F grade.*)

(d) At my discretion, if a missed exam or missing required exercise(s) warrant an IN grade, we will need to meet at the Geography Dept. Office and complete a **Contract to Resolve Incomplete Grades** (*available from OASIS*) and set a firm date for submission of all missing work.

REQUIRED MATERIAL

1. Isachsen, Y.W., et al, editors, *Geology of New York: A Simplified Account, 2nd edition*, New York State Museum, NYS Geological Survey, Albany, NY, 2000.

2. *Moon Handbooks: New York State, 5th ed. (2010) edited by S. Zuger or 4th edition (2006) edited by C. Bird*, Avalon Travel Publishing, Calif.

3. Rand McNally *Easy-to-Read New York State Road Map* (2009; SKU 052888 1922) or any highway map of NYS.

4. Stradling, David. *The Nature of New York: An Environmental History of the Empire State*, Cornell University Press, Ithaca, NY, 2010.

SUGGESTED READINGS

1. Eisenstadt, Peter and Moss, Laura-Eve. *The Encyclopedia of New York State*, Syracuse University Press, 2005.

2. Homberger, Eric. *The Historical Atlas of New York City*, revised edition, Henry Holt and Co., New York, 2005 (Owl Books edition, soft cover).

3. Klein, Milton M., editor. *The Empire State: A History of New York*, Cornell University Press, Ithaca, NY, with the NYSHA, Cooperstown, NY, 2001.

4. Thompson, John H., *A Geography of New York State*, Syracuse U. Press, 1966 (out of print). >>Use call number **F125.T5** when requesting this book from the Hunter College Wexler Library Reserve Room.

SUGGESTED ATLASES

1. *New York State Road Atlas*, Hagstrom Map Co., Inc, Maspeth, NY, 2006.
2. *New York State Atlas, 4th edition*, NYS Department of Transportation, Albany, NY, 1998. *Note:* This atlas has each county mapped out separately and is in the Hunter College Wexler Library Reserve Room.
3. *New York Atlas and Gazetteer, 9th edition*, DeLorme, Yarmouth, ME, 2011. *Note:* This atlas presents a detailed topographical rendering of NYS.

WEB READINGS

See *Addendum*. The required reading assignments supplement class lectures.
(For updates during the semester see the Course Home Page.)

WEB SITES

See *Addendum* (For updates during the semester see the Course Home Page.)

PLEASE NOTE

1. **You are responsible** for the content of all the lectures, reading assignments and class handouts. Assignments and handouts are distributed via the Course Home Page on the Geography Department web site and in class. This material is **NOT** on HC BlackBoard.
2. **Attendance is important.** There is no up-to-date comprehensive geography textbook in print. All information will be given to you in class. Historically, there has been a direct correlation between poor attendance and poor grades. Exercise grades are reduced by missed deadlines caused by absence.
3. **All exams must be taken and required assignments submitted.** Failure to do so by the end of the semester will result in a reduced grade unless arrangements are made with me in advance. Then an IN (incomplete) grade may be given. Late written presentations will be penalized. Do not schedule your travel plans to begin before the date of the final exam! See calendar below.
4. **Approval is required prior to beginning research.** The topic of your research paper or project must be approved in advance to make sure the topic is manageable. *Any student contemplating doing the research paper extra credit option must submit in writing two different proposals and I will select one topic* based on your written justification showing your interest in the topics proposed and an outline of major points to be covered. It is important that your proposal be narrow in scope and focused on a topic.
5. **Neatness counts.** On exams if I cannot read it, it is wrong. All exercises, research papers, and projects must be typed, printed and presented neatly. Consult the Hunter College Reading and Writing Center for citation and bibliographic formats (<http://rwc.hunter.cuny.edu>).
6. **Hunter College rules and regulations are strictly enforced**, including the CR/NC option and IN grades.
7. **Academic Dishonesty.** Cheating and plagiarism are grounds for failure and disciplinary action by the College. Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures. The Internet is a resource for information, NOT a source of verbatim script. **Every person has a unique writing style and use of grammar. Do not**

cut and paste text found at an Internet web site into your write-ups, research paper or project. Any assignment may be randomly scanned by a search engine seeking key words.

8. **Office of AccessABILITY.** In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (emotional, medical, physical and/ or learning) consult the Office of AccessABILITY located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212- 772-4857/TTY 212- 650- 3230). **You must be registered with this office to qualify for the accommodations.**

CALENDAR for Fall 2012

This class meets on Tuesdays and Thursdays from 5:35 – 6:50 PM in Room 1022HN.

The **Geography Dept. Computer Lab**, located in Room 1090BHN, is open 24/7/365. Authorized entry is via your One Card and expires in January 2013.

Fall Semester Dates:

| | |
|--|---|
| Tues., Aug. 28 | First NYS class meeting. |
| Tues., Sept. 18 | NO classes at Hunter |
| Tues., Sept. 25 | NO classes at Hunter. |
| Thur., Oct. 04 | Meet in the Computer Lab of the HC Library, Room TBA |
| Tues., Oct. 16 | Midterm exam (tentative date) >> <u>Last day</u> to hand in Part I extra credit exercises >> <u>Last day</u> to hand in the <i>Glaciation</i> extra credit assignment for the midterm. |
| Thur., Nov. 22 | Thanksgiving Day. NO classes at Hunter. |
| Tues., Dec. 11 | Last NYS class lecture. |
| Tues., Dec. 18 | FINAL EXAM from 5:20 PM - 7:20 PM in Room 1022HN |
| <i>Do Not Make Holiday Travel Plans for this day!</i> | >> <u>Last day</u> to hand in <i>Part II extra credit exercises.</i> >> <u>Last day</u> to hand in the <i>Urban Site Development</i> extra credit assignment for the Final Exam. |

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ADDENDUM I

Geography of New York State

Internet readings Sites – Fall 2012

This is a listing of required, recommended and supplemental material pertaining to aspects of the geography of NYS. You will be directed to specific sites during the semester. *This is in addition to the books included on the syllabus. It will be revised and updated throughout the semester.*

R = required reading.

Topic One - Introduction

1. www.iloveny.com/About-The-State.aspx - review all four entries under “About the State.” **R**
2. www.travel.nytimes.com/2008/01/11/travel/escapes/11ski.html - Perception: NY’s Overlooked Ski Resorts

Topic Two – Map Reading and Interpretation

1. <http://egsc.usgs.gov/isb/pubs/booklets/symbols/topomapsymbols.pdf> -reading topographic maps
2. <http://egsc.usgs.gov/isb/pubs/factsheets/fs01502.html> - map scales
3. <http://egsc.usgs.gov/isb/pubs/factsheets/fs03501.html> - distance and direction
4. <http://egsc.usgs.gov/isb/pubs/factsheets/fs07701.html> - UTM Grid
5. http://www-atlas.usgs.gov/articles/mapping/a_latlong.html - latitude and longitude

Topic Three – Physical Geography

1. Physical Landscape
 - a) www.dailymail.co.uk/news/article-1338793/Niagara-Falls-ran-dry-Photos-moment-iconic-waterfall-came-standstill.html - photos of dry Niagara Falls in 1969
2. Seismic Activity
 - a) <http://earthquake.usgs.gov/earthquakes/states/> - NYS earthquakes
 - b) <http://earthquake.usgs.gov/earthquakes/states/?regionID=32®ion=New%2520York> – NYS earthquake information **R**
 - c) http://earthquake.usgs.gov/earthquakes/states/events/1944_09_05.php - description of the largest earthquake in NYS **R**
3. Mining
 - a) <http://geology.com/articles/marcellus-shale.shtml> - natural gas controversy **R**
 - b) <http://geology.com/articles/utica-shale> - new gas-containing rock layer **R**
 - c) <http://oilshalegas.com/marcellusshalenewyork.html> - natural gas controversy
 - d) www.dec.ny.gov/energy/1608.html - solution salt mining **R**
 - e) www.dec.ny.gov/energy/205.html - Oil, gas and solution salt mining in NYS **R**
 - f) www.dec.ny.gov/energy/46288.html -Marcellus shale gas exploration
 - g) www.dec.ny.gov/energy/75370.html - Revised draft (2011) **R**
 - h) www.dec.ny.gov/lands/5020.html -mining and reclamation **R**
 - i) www.dec.ny.gov/pubs/51168.html - traditional salt mining **R**
 - j) www.miningartifacts.org/NewYorkMines.html - historic summary with photos **R**
 - k) www.syracuse.com/news/index.ssf/2009/12/a_fortune_in_natural_gas_lies.html - natural gas controversy
4. Climate, Weather, Air Quality and Wind Power
 - a) http://cdo.ncdc.noaa.gov/climatenormals/clim60/states/Clim_NY_01.pdf - climate description **R**
 - b) <http://topics.nytimes.com/top/news/business/energy-environment/wind-power/index.html?scp=1&sq=new%20york%20windmills&st=cse> – NY Times article **R**
 - c) www.dec.ny.gov/chemical/281.html - air pollution **R**
 - d) www.dec.ny.gov/chemical/283.html - acid rain **R**
 - e) www.dec.ny.gov/chemical/65574.html - NYS air quality monitoring program network **R**
 - f) www.dec.ny.gov/chemical/8412.html - environ. impact-acid rain **R**
 - g) www.dec.ny.gov/chemical/8418.html - acid rain Q&A

- h) www.dec.ny.gov/docs/administration_pdf/0807climchange.pdf - NYS Conservationist article “Climate Change and New York’s Future”
 - i) www.dec.ny.gov/energy/63848.html - climate change and NYS **R**
 - j) www.iberdrolarenewables.us/pdf/MapleRidgeFactSheet.pdf - Maple Ridge Wind Farm
 - k) www.nyc.gov/html/oem/html/hazards/storms.shtml - coastal storms and hurricanes
 - l) www.nyc.gov/html/oem/html/ready/hurricane_guide.shtml - NYC hurricane guide and evacuation map
 - m) www.nytimes.com/2006/03/13/nyregion/13wind.html?scp=1&sq=A%20New%20Crop%20Upstate:%20Electricity%20from%20Windmills&st=cse – NY Times article on Maple Ridge windmills
 - n) www.nytimes.com/2010/05/02/nyregion/02about.html?ref=wind-power –on Windmills off shore LI (NY Times article 5/2/10)
5. Soils
- a) ftp://ftp-fc.sc.egov.usda.gov/NSSC/StateSoil_Profiles/ny_soil.pdf - State soil description
 - b) <http://soils.usda.gov/education/facts/formation.html> - soil formation and classification **R**
 - c) http://soils.usda.gov/survey/printed_surveys/state.asp?state=New%20York&abbr=NY – list of published county soil surveys
6. Water Resources –surface, underground, and coastal
- Surface
- a) waterdata.usgs.gov/ny/nwis - USGS water data for NYS
 - b) www.adkmuseum.org/acidrain/ - Acid rain and the Adirondack surface waters
 - c) www.dec.ny.gov/about/865.html - Facts about NYS waters **R**
 - d) www.dec.ny.gov/chemical/66532.html - 2010 Section 305b Water Quality Report for NYS
 - e) www.dec.ny.gov/docs/water_pdf/2010annualrpt.pdf - 2010 Annual Report
- Groundwater
- f) www.dec.ny.gov/lands/36064.html -groundwater resources **R**
 - g) www.dec.ny.gov/lands/36183.html?showprintstyles – Long Island aquifers **R**
 - h) www.nytimes.com/2008/02/25/nyregion/25ducks.html?_r=1&scp=1&sq=Long%20Island%20duck%20farms,%202/25/08&st=cse – LI Duck Farms Struggle with Water Regulation (NY Times article 2/25/08)
- Coastal Zone
- i) <http://longislandsoundstudy.net/> - Long Island Sound Study
 - j) http://longislandsoundstudy.net/wp-content/uploads/2010/02/1_LivingTreasures_Intro_LoRes.pdf - intro to LIS **R**
 - k) www.dec.ny.gov/energy/45202.html -Sea Level Rise Task Force **R**
 - l) www.dec.ny.gov/lands/207.html - Oceans and estuaries **R**
 - m) www.dec.ny.gov/lands/25562.html - Great Lakes **R**
 - n) www.dec.ny.gov/lands/28923.html - Coastal Management **R**
 - o) www.nyswaterfronts.com/index.asp - Communities and Waterfronts; check out the hot links on this page.

Midterm Exam --- Review the readings for the midterm exam.

Topic Four – Historical Geography

1. <http://nysparks.state.ny.us/publications/documents/GuidetoNYStateHistoricSites.pdf> - NYS Dept of parks and Recreation Historic Sites brochure
2. www.canals.ny.gov/cculture/history/index.html - History of the Erie Canal **R**
3. www.canals.ny.gov/faq/index.html - present day canal system
4. www.canals.ny.gov/history/finch_history.pdf - classic history of NYS canals **R**
5. www.canals.ny.gov/index.shtml - NYS canals homepage
6. www.epodunk.com/routes/erie%2Dcanal/# - Erie Canal video tour
7. www.nps.gov/erie/index.htm - Erie Canalway Nat’l Heritage Corridor
8. www.nps.gov/upde/historyculture/dhcanal.htm - NPS Delaware & Hudson Canal site **R**

Topic Five – Population and Health

1. <http://criminaljustice.state.ny.us/crimnet/ojsa/NYSCrimeReport2011.pdf> - NYS crime report 2011 (preliminary data)
2. <http://criminaljustice.state.ny.us/crimnet/ojsa/stats.htm> -NYS crime statistics
3. <http://criminaljustice.state.ny.us/pio/annualreport/crime-in-ny-2009.pdf> - NYS crime report by county 2010 final data
4. www.aging.ny.gov/NYSOFA/4YearPlan/4YearPlan-FinalAppendix8-20-07_1.doc - NYS Dept of Aging 4 year Plan Appendix **R**
5. www.aging.ny.gov/NYSOFA/4YearPlan/FourYearPlan-ExecutiveSummary.doc - NYS Dept of Aging 4 year Plan Summary **R**

Topic Six – Rural NYS

Agriculture

1. http://devsoc.cals.cornell.edu/cals/devsoc/outreach/cardi/programs/indicators/rvp/upload/rvp-summary_report.pdf - 2006 Vision for Rural New York **R**
2. <http://landgrant.cornell.edu/assets/pdfs/RuralNYProject.pdf> - Rural NYS report (181 page report)
3. <http://nysparks.state.ny.us/inside-our-agency/documents/NYSOpenSpaceConservationPlan.pdf> - 2009 Open Space Report (large file; read selected portions of interest to you)
4. www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/index.asp - State and County agricultural profiles (read statewide summary and summaries for your counties) **R**
5. www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/cp99036.pdf - 2007 Census of Agriculture state summary (latest available) **R**
6. www.agmkt.state.ny.us/PI/Regulatory_System_for_Non-native_Species.pdf - Final Report for regulating non-native species 2010
7. www.agriculture.ny.gov/agfacts.html - NY is an Agricultural State **R**
8. www.dec.ny.gov/23.html - Animals, Plants and Aquatic Life
9. www.dec.ny.gov/about/794.html - Bureau of Wildlife
10. www.dec.ny.gov/animals/265.html Nuisance and invasive species
11. www.dec.ny.gov/animals/29338.html - Biodiversity Conservation **R**
12. www.dec.ny.gov/animals/7312.html - BBA home page
13. www.dec.ny.gov/cfm/xtapps/bba/index.cfm - Breeding Bird Atlas search site
14. www.dec.ny.gov/docs/lands_forests_pdf/osp09chapter5.pdf - forest lands
15. www.dec.ny.gov/docs/wildlife_pdf/istfreport1105.pdf - Final Report of the NYS Task Force on Invasive Species 2005
16. www.dec.ny.gov/environmentdec/67026.html - plan to combat non-native species **R**
17. www.dec.ny.gov/lands/40672.html - State Forests
18. www.dec.ny.gov/lands/41769.html Forests and the Environment
19. www.dec.ny.gov/lands/4982.html - History of the State Forest Program **R**
20. www.dec.ny.gov/outdoor/7811.html - State Land Classifications
21. www.nass.usda.gov/Statistics_by_State/New_York/index.asp - gateway to statistical information about NYS agriculture
22. www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/2011/2011-bulletin.htm - recent agric statistics; follow individual hot links on first page
23. www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/2011/2011%20Bulletin.pdf – Annual report 102 pages long; don't print; SEE TABLES 94-106

Topic Seven – Urban NYS

1. www.iloveny.com/brewerytrails/brewinghistory.html - NYS Brewing History
2. www.newyorkfed.org/regional/theregion_districtprofile.html - NYS Metro area profiles
www.rpa.org/pdf/LIProfile.pdf - Regional Plan Association report on LI development **R**
3. www.rpa.org/pdf/LongIslandVisioning.pdf - RPA development projections **R**
4. www.rpa.org/pdf/SEOC_Report_LoRes.pdf - RPA land use study in Orange County **R**
5. www.longisland2035.org/ - Regional Plan Assoc vision for Long Island **R**
6. www.longislandindexmaps.org/ -RPA mapping site

ADDENDUM II
Geography of New York State
Some Web Addresses Pertaining to New York State

Most of these links contain one or more embedded links to relevant sites and therefore are the starting point for topical research and additional information on the subjects listed. Current as of June 2012. Happy surfing!

www.adirondacks.com - Adirondack region
<http://adirondackmaplesyrup.com> – maple syrup production guide
www.adkmuseum.org – home page of the Adirondack Museum
www.agcensus.usda.gov – US Dept of Agriculture Census of Agriculture
[www.agcensus.usda.gov/Publications/2007/Full_Report/Census by State/New York/index.asp](http://www.agcensus.usda.gov/Publications/2007/Full_Report/Census_by_State/New_York/index.asp) - 2007 NYS Census of Agriculture (latest available)
www.aging.ny.gov - NYS Office for the Aging
www.aging.ny.gov/ReportsAndData/CountyDataBooks/index.cfm - county data on aging
www.agmkt.state.ny.us - NYS Department of Agriculture and Markets
www.allaboutbirds.org – Cornell University Ornithology Lab home page
www.archives.nysed.gov/aindex.shtml - index page of the NYS Archives
www.catskillcenter.org - conservation/advocacy/teacher education site
www.cce.cornell.edu - Cooperative Extension Service, Cornell University (agriculture)
www.cdc.gov/ - Centers for Disease Control and Prevention
www.champlainvalleyregion.com - Lake Champlain region
www.cmog.org - Corning Museum of Glass
<http://countymapsofnewyork.com/index.html> - maps of counties with cities and towns
www.criminaljustice.ny.gov - NYS Department of Criminal Justice Services
www.criminaljustice.ny.gov/crimnet/ojsa/indexcrimes/county_totals.htm - crime statistics by county
<http://cugir.mannlib.cornell.edu/mapbrowse.jsp?series=counties> - Cornell Univ. library's map and geospatial information browser; data sets by county
www.dec.ny.gov - NYS Department of Environmental Conservation (DEC)
www.dec.ny.gov/130.html - NYS DEC Site Index
www.dec.ny.gov/pubs/212.html - NYS DEC mapping gateway
www.dec.ny.gov/energy/45202.html - Sea Level Rise Task Force
www.delawareriverkeeper.org – Delaware River watershed advocacy group
<http://digital.nypl.org> – link to map resources of New York Public Library
<http://docs.unh.edu/nhtopos/nhtopos.htm> - historic USGS maps of New England & NYS
<http://docs.unh.edu/nhtopos/NewYork.htm> - direct link to NYS historic map index except NYC and LI
<http://docs.unh.edu/nhtopos/Connecticut.htm> - link to Long Island historic map index via CT index
www.nysgis.state.ny.us/gisdata/quads - link to NYS USGS topographic maps
www.dos.state.ny.us - NYS Department of State homepage
www.dos.state.ny.us/kids_room/ - NYS Kids Room site
www.dos.ny.gov/communitieswaterfronts/ - NYS DOS, Coastal Resources
www.dot.ny.gov - NYS Department of Transportation
<http://esogis.nysm.nysed.gov/> Empire State Oil and Gas Information System (ESOGIS)
www.epa.gov - US Environment Protection Agency
www.eriecanalway.org – National Park Service site
www.epodunk.com/counties/ny_county.html - county information
www.epodunk.com/routes/erie%2Dcanal/# - Erie Canal video tour
www.fingerlakes.org/ - Finger Lakes Region
www.fiscalpolicy.org/index.html - Fiscal Policy Institute home page
www.geo.hunter.cuny.edu/techsupport - Geography Dept. tech. support and information
www.geo.hunter.cuny.edu/vws/ - NYC current weather conditions from roof of HC
<http://geology.com> –links devoted to geology, earth sciences and physical geography
<http://geology.com/articles/marcellus-shale.shtml> - article on the Marcellus Shale
<http://geology.com/states/new-york.shtml> - links to physical geography maps and info

<http://geology.com/sea-level-rise/new-york.shtml> - interactive change in sea level map
<http://gis.nyc.gov/doitt/mp/Portal.do> - NYC map portal
<http://gis.ny.gov> - NYS Geographic Information Data
<http://gis.ny.gov/gisdata/quads/?nysgis=> - topographic maps
<http://great-lakes.net> – Great Lakes Information Network
www.health.state.ny.us - NYS Department of Health
www.hudsonrivervalley.com – Hudson River Valley National Heritage Area
www.iloveny.com - I Love New York, travel and tourism
www.lakechamplainregion.com – Lake Champlain region
www.lakestolocks.com – Hudson River to the St Lawrence River via canals and lakes
www.liapg.org - Long Island Professional Geologists
<http://libguides.library.hunter.cuny.edu/geography> - HC Library guide to research in geog. and environmtl sci.
<http://libguides.library.hunter.cuny.edu/geog260> - HC Library guide for Geography of New York State course.
www.loc.gov/index.html – Library of Congress home page
www.loc.gov/topics/maps.php - Library of Congress map collections
www.longislandindexmaps.org/ - Regional Plan Association Long Island mapping site
<http://longislandsoundstudy.net/> - Long Island Sound Study
www.mvhcc.org - Mohawk Valley Heritage Corridor
www.nass.usda.gov/ny - US Dept of Agriculture – NYS agricultural statistics
www.nass.usda.gov/Statistics_by_State/New_York/index.asp (same as above)
www.newsday.com – Newsday (LI) home page
www.newsday.com/long-island/towns - towns of Long Island
www.50states.com/news/newyork.htm - NYS newspapers by city
www.newslink.org/nynews.html - NYS newspapers, magazines and media outlets
www.mondotimes.com/world/usa/newspapers.html?state=32 – newspapers by city
www.mondotimes.com/world/usa/tv.html?state=32 – media by city
www.moon.com/destinations/new-york-state/discover-new-york-state - Moon handbook NYS web site.
www.nmai.si.edu – National Museum of the American Indian (search under tribal names)
www.noaa.gov- national weather information
www.legislative.noaa.gov/NIYS - link to NOAA in NYS
www.nationalatlas.gov – home page of the National Atlas of the US
www.nationalatlas.gov/mapmaker - National Atlas of the US map making site
www.nationalmap.gov – home page to the USGS mapping page
<http://nationalmap.gov/historical/index.html> - link to historic topographic maps
www.nrcc.cornell.edu – Northeast Regional Climate Center at Cornell Univ.
www.nps.gov – United States National Park Service
www.nps.gov/state/ny/index.htm?program=parks – NPS units in NYS
www.ny.gov - New York State Home Page
www.nyc.gov – New York City home page
www.nyc.gov/dep - NYC Dept of Environmental Conservation
www.nyc.gov/html/oem/home.html - NYC Office of Emergency Management (OEM)
www.nyc.gov/hurricane - NYC OEM disaster preparedness site
www.nycsubway.org – guide to the history, expansion and development of NYC Transit
www.nycgo.com/ - NYC travel and tourism
www.nygeographicalliance.org – New York Geographic Alliance home page
www.nygeo.org/index.htm - NY Geographic Alliance affiliated site
www.nygeo.org/roadtrip.html - NY Geographic Alliance suggested road trips
www.nysgis.state.ny.us/gisdata/quads/drg24/index.htm - NYS topographic map index
www.nylovesbiz.com - New York business
www.nylovesbiz.com/NYSDataCenter.html - statistical data; census info
www.nypa.gov - NYS Power Authority
www.nypirg.org – NYPIRG site
www.nypl.org – New York Public Library home page
<http://legacy.www.nypl.org/research/midatlantic/> - American Shores, maps to 1850
<http://nysac.org/Counties/> - NYS Association of Counties, link to county web sites
www.nyscanals.gov/ - home page of the NYS Canal System

<http://nysc.eas.cornell.edu> - NYS Climate Office
www.nyserda.ny.gov/renewable - NYSEDA renewable energy home page
www.nysegov.com/map-NY.cfm - MapNY homepage
www.nysl.nysed.gov - New York State Library
www.nysl.nysed.gov/genealogy/counties.htm - link to county information
www.nysl.nysed.gov/genealogy/townlist.htm - link to cities, towns and villages
www.nysl.nysed.gov/reference/nativerref.htm - Native American web sites compiled by the NYS Library.
www.nysm.nysed.gov - New York State Museum
www.nysm.nysed.gov/gis/ - link to mapped information
www.nysm.nysed.gov/IroquoisVillage/ - virtual tour of Iroquois exhibit
www.nysm.nysed.gov/1609/panorama/index.html - virtual tour of 1609 NYS
www.nyseagrant.org - New York Sea Grant Institute
<http://nysparks.com/> - NYS Dept of Parks, Recreation and Historic Preservation
www.oasisnyc.net - NYC open accessible space information system (neighborhood maps)
www.oneidaindiannation.com/ - Oneida Nation
<http://pbisotopes.ess.sunysb.edu/lig> - Long Island Geologists
www.racingmuseum.org - Horse racing museum at Saratoga
www.rockinst.org - Rockefeller Institute
www.rockinst.org/nys_statistics/ - NYS statistical information
www.rockinst.org/nys_statistics/2010/ - NYS Statistical Yearbook (latest)
www.rpa.org/welcome.html - Regional Plan Association (RPA)
www.longislandindexmaps.org/ - RPA mapping site
www.seaway.dot.gov - St. Lawrence Seaway Development Corp.
www.seaway.ca - St. Lawrence Seaway Canadian portion
www.greatlakes-seaway.com/en/seaway/history/index.html (scroll down to listen to the 5 min video)
www.saratogahistory.org - Saratoga Springs Historical Society
www.sixnations.org - Iroquois Confederacy
www.sni.org - Seneca Nation
www.senecamuseum.org/ - Seneca Indian Museum
www.socialexplorer.com/pub/maps/home.aspx - interactive demographic maps
http://soils.usda.gov/survey/printed_surveys/state.asp?state=New%20York&abbr=NY - county soil surveys
www.stonybrook.edu/libspecial/maps.shtml - Cartographic Collection SUNY Stony Brook
www.sunysb.edu/libmap/nypath1.htm - NYS map collection of SUNY-Stony Brook
www.terrafly.fiu.edu - interactive mapping site
<http://topomaps.usgs.gov> - sources of free USGS topographic maps
<http://historical.mytopo.com> - free historic USGS topographic maps
www.transitmuseumeducation.org - NYCTA museum site
www.tughill.org - NYS Tug Hill Commission
www.usclimatedata.com/state.php?name=New-York - climate graphs for NYS stations
www.weather.gov - National Weather Service
www.weather.gov/view/states.php?state=NY - weather for NYS
www.westernny.com/regions.html - Western NYS region
www.usgs.gov - United States Geological Survey
<http://earthquake.usgs.gov/earthquakes/states/> - NYS earthquakes
<http://water.usgs.gov/> - water resources home page
<http://waterdata.usgs.gov/ny/nwis/> - USGS water data for NYS

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