



## REFERENCES

### Section 1: Introduction

Federal Emergency Management Agency (FEMA). 2015. "Plan Integration: Linking Local Planning Efforts." On-Line Address: [https://www.fema.gov/media-library-data/1440522008134-ddb097cc285bf741986b48fdcef31c6e/R3\\_Plan\\_Integration\\_0812\\_508.pdf](https://www.fema.gov/media-library-data/1440522008134-ddb097cc285bf741986b48fdcef31c6e/R3_Plan_Integration_0812_508.pdf)

### Section 2: Plan Adoption

Federal Emergency Management Agency (FEMA). 2003. How to Series:-Bringing the Plan to Life (FEMA 386-4).

### Section 3: Planning Process

New York State Departments of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/>

### Section 4: County Profile

Central Pine Barrens Joint Planning and Policy Commission. 2018. Central Pine Barrens Area. Accessed 2020. Online Address: [https://pb.state.ny.us/assets/1/6/CPB\\_Area\\_Map\\_19\\_01\\_01\\_11x17\\_Unofficial\\_draft.pdf](https://pb.state.ny.us/assets/1/6/CPB_Area_Map_19_01_01_11x17_Unofficial_draft.pdf)

Civiletti, Denise. Riverhead Local. February 13, 2020. "Suffolk County creates task force to focus on sea level rise and coastal erosion." Accessed 2020. Online address: <https://riverheadlocal.com/2020/02/13/suffolk-county-creates-task-force-to-focus-on-sea-level-rise-and-coastal-erosion/>

Duffy, Eileen, M. Edible East End. April 30, 2019. "Suffolk County Falls in USDA Census of Statewide Agricultural Sales." Accessed 2020. Online address: <https://www.edibleeastend.com/2019/04/30/what-the-usda-agriculture-census-means-for-suffolk/>

Hampton Bays Water District. 2020. "Town of Southampton Hampton Bays Water District Suffolk County, NY." Online address: <https://www.southamptontownny.gov/DocumentCenter/View/19872/HBWD-10-Year-Capital-Improvement-Plan-DB-5335A>

IPCC. 2007. Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge, UK: Cambridge University Press.

Long Island Commission for Aquifer Protection (LICAP) 2017. "Water Use and Regulation of the Lloyd Aquifer on Long Island, New York." Online address: [http://liaquifercommission.com/images/Water\\_Use\\_and\\_Regulation\\_of\\_the\\_Lloyd\\_Aquifer\\_Report.pdf](http://liaquifercommission.com/images/Water_Use_and_Regulation_of_the_Lloyd_Aquifer_Report.pdf)

Long Island Pine Barrens Society. No date. "Long Island Pine Barrens Protection Act." Accessed 2020. Online Address: <https://www.pinebarrens.org/the-pine-barrens-protection-act/>

Nemickas, B. et al. 1989. Availability and Development of Groundwater Resources of Long Island, New York - An Introduction. < <https://pubs.usgs.gov/wri/1988/4113/report.pdf>>



- New York Governor's Office. 2016. "Governor Cuomo Announces \$36.2 Million Reconstruction of Route 347 on Long Island." Accessed 2020. Online Address: <https://www.governor.ny.gov/news/governor-cuomo-announces-362-million-reconstruction-route-347-long-island>
- New York Rural Water Association. November 14, 2014. "Gov Cuomo Announces \$13.6 Million for Bergen Point Sewage Treatment Plant Storm Resiliency Project" Accessed 2020. Online address: <https://nyruralwater.org/news/gov-cuomo-announces-136-million-bergen-point-sewage-treatment-plant-storm-resiliency-project>
- New York State Climate Smart Communities. March 2015. Suffolk County Climate Action Plan. <https://www.scnylegislature.us/DocumentCenter/View/2779/Suffolk-County-Climate-Action-Plan---March-2015-PDF>
- New York State Department of Environmental Conservation. n.d. "Atlantic Ocean/Long Island Sound Watershed." Online address: <http://www.dec.ny.gov/lands/48375.html>
- New York State Department of Transportation. February 2009. Vision Plan for a Green Route 347. Accessed 2020. Online Address: <https://www.dot.ny.gov/regional-offices/region10/projects/ny-347/repository/Green%20Rte347%20Presentation.pdf>
- New York State Energy Research and Development Authority (NYSERDA). 2011. Responding to Climate Change in New York State: Technical Report. Accessed 2020. Online Address: <https://www.nyserda.ny.gov/-/media/Files/Publications/Research/Environmental/EMEP/climaid/ClimAID-Report.pdf>
- New York State Energy Research and Development Authority (NYSERDA). 2014. Climate Change in New York State: Updating the 2011 ClimAID Climate Risk Information Supplement to NYSEERDA Report 11-18. Accessed 2020. Online Address: <https://www.nyserda.ny.gov/-/media/Files/Publications/Research/Environmental/ClimAID/2014-ClimAid-Report.pdf>
- Peconic Estuary Partnership. 2017. "Sources of Water Pollution in the Peconic Estuary." Online address: <https://www.peconicestuary.org/projects/clean-waters-2/sources-of-water-pollution/>
- Stoffer & Messina. 1996 "Geology and Geography of New York Bight Beaches." Online address: <http://www.geo.hunter.cuny.edu/bight/index.html>
- Suffolk County Department of Economic Development and Planning. May 2014. Suffolk County Transfer of Development Rights (TDR) Study. Accessed 2020. Online Address: [https://www.suffolkcountyny.gov/portals/0/formsdocs/planning/HUD/HUD\\_SCTDR%20StudyTaskN2\\_06022014.pdf](https://www.suffolkcountyny.gov/portals/0/formsdocs/planning/HUD/HUD_SCTDR%20StudyTaskN2_06022014.pdf)
- Suffolk County Department of Economic Development and Planning. 2014b. Transportation, Economic Development and Housing Strategies for Suffolk County. Accessed 2020. Online Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/CompPlan/Comp%20Master%20Plan%202035/10232015\\_ADA\\_2014-12-17\\_SCMP\\_2035r.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/CompPlan/Comp%20Master%20Plan%202035/10232015_ADA_2014-12-17_SCMP_2035r.pdf)
- Suffolk County Department of Economic Development and Planning. 2015. Framework for the Future: Suffolk County Comprehensive Master Plan 2035. Accessed 2020. Online Address: [https://www.connectli.org/docs/ADASuffolkCounty\\_MasterPlanFINAL\\_07282015.pdf](https://www.connectli.org/docs/ADASuffolkCounty_MasterPlanFINAL_07282015.pdf)
- Suffolk County Department of Economic Development and Planning. 2019. "Connect Long Island." Accessed 2020. Online Address: <https://www.connectli.org/izone.html>



- Suffolk County Department of Health Services. March 2015. Suffolk County Comprehensive Water Resources Management Plan. Online address: <https://www.suffolkcountyny.gov/Portals/0/FormsDocs/Health/EnvironmentalQuality/ComprehensiveWaterResourceManagementPlan/Section%208%20Wastewater%20Management.pdf>
- Suffolk County Department of Health Services. 2020. Subwatersheds Wastewater Plan. Accessed 2020. Online Address: <https://suffolkcountyny.gov/Portals/0/formsdocs/planning/CEQ/2020/RevisedComplete%20SWP2-21-20.pdf>
- Suffolk County Department of Public Works. 2020. Suffolk County Coastal Resiliency Initiative. Accessed 2020. Online address: <https://www.suffolkcountyny.gov/Departments/Public-Works/Sanitation/-Suffolk-County-Coastal-Resiliency-Initiative>
- Suffolk County Government. 2020. "History." Online address: <https://suffolkcountyny.gov/Elected-Officials/County-Executive/History-of-Suffolk-County>
- Suffolk County Legislature. 2020. Suffolk County Legislative Committees. Accessed 2020. Online address: <https://www.scnylegislature.us/174/Legislative-Committees>
- Suffolk County Planning Commission. February 2017. Annual Report to the County Legislature and the County Executive. Online address: [https://www.suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://www.suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf)
- U.S. Department of Agriculture (USDA). 2017. 2017 Census of Agriculture County Profile: Suffolk County, NY. Accessed 2020. Online Address: [https://www.nass.usda.gov/Publications/AgCensus/2017/Online\\_Resources/County\\_Profiles/New\\_York/cp36103.pdf](https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/New_York/cp36103.pdf)
- U.S. Department of Transportation (DOT). October 2017. Post Hurricane Sandy Transportation Resilience Study in New York, New Jersey, and Connecticut. Accessed 2020. Online Address: [https://www.fhwa.dot.gov/environment/sustainability/resilience/publications/hurricane\\_sandy/fhwahep17097.pdf](https://www.fhwa.dot.gov/environment/sustainability/resilience/publications/hurricane_sandy/fhwahep17097.pdf)
- U.S. Geological Survey (USGS). No date. Groundwater Sustainability of the Long Island Aquifer System. Accessed 2020. Online address: [https://www.usgs.gov/centers/ny-water/science/groundwater-sustainability-long-island-aquifer-system?qt-science\\_center\\_objects=0#qt-science\\_center\\_objects](https://www.usgs.gov/centers/ny-water/science/groundwater-sustainability-long-island-aquifer-system?qt-science_center_objects=0#qt-science_center_objects)
- U.S. Geological Survey (USGS). New York Water Science Center. 2020. "Long Island Topography." Online address: [https://www.usgs.gov/centers/ny-water/science/long-island-topography?qt-science\\_center\\_objects=0#qt-science\\_center\\_objects](https://www.usgs.gov/centers/ny-water/science/long-island-topography?qt-science_center_objects=0#qt-science_center_objects)
- Zhai et al. 2016. "Prediction of Land Use Changes in Long Island Sound Watersheds Using Nighttime Light Data." Online address: <https://www.mdpi.com/2073-445X/5/4/44/htm>

---

### Section 5.4.1: Coastal Erosion

---

- Federal Emergency Management Agency (FEMA). 1996. FEMA's Multi-Hazard Identification and Risk Assessment (MHIRA). On-Line Address: <http://www.fema.gov/media-library/assets/documents/7251?id=2214>



- Federal Emergency Management Agency (FEMA). 2018. Coastal Erosion Guidance Document. On-Line Address: [https://www.fema.gov/media-library-data/1521055701483-414dbf3beb1b381426301863a3b93912/Coastal\\_Erosion\\_Guidance\\_Feb\\_2018.pdf](https://www.fema.gov/media-library-data/1521055701483-414dbf3beb1b381426301863a3b93912/Coastal_Erosion_Guidance_Feb_2018.pdf)
- Federal Emergency Management Association (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Frizzera, Dorina. 2011. "Mitigating Shoreline Erosion along New Jersey's Sheltered Coast: Overcoming Regulatory Obstacles to Allow for Living Shorelines." NJDEP Office of Coastal Management. November. On-Line Address: <http://www.nj.gov/dep/cmp/docs/living-shorelines2011.pdf>
- Gutierrez et al. 2007. "Potential for Shoreline Changes Due to Sea-Level Rise Along the U.S. Mid-Atlantic Region". Online address: <https://woodshole.er.usgs.gov/pubs/of2007-1278/index.html>
- National Oceanic and Atmospheric Administration (NOAA). 2017. Tracking Sea Level Rise. On-Line Address: <https://www.noaa.gov/explainers/tracking-sea-level-rise-and-fall>.
- New York State Departments of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/coastal>
- NYS Sea Grant. 2018. "Coastal Processes on Long Island. An Introduction to Erosion." Online address: <https://seagrant.sunysb.edu/cprocesses/pdfs/CoastalErosionOnLI-0318.pdf>
- New York State Department of Environmental Conservation (NYSDEC). Regulations and Enforcement, Resource Management Services. Part 505: Coastal Erosion Management (Statutory Authority: Environmental Conservation Law, 3-0301, 34-0108). Mar. 1988. Sept. 2007 Online address: <http://www.dec.state.ny.us/permits/6064.html>
- New York State Department of Environmental Conservation (NYSDEC). 2019. "Coastal Storm Risk Management Projects". Online address: <https://www.dec.ny.gov/lands/110710.html>
- New York State Department of Environmental Conservation (NYS DEC). Date Unknown. "Coastal Management". Online address: <https://www.dec.ny.gov/lands/28923.html>
- New York State Department of Environmental Conservation (NYSDEC). Date unknown. "Certified CEHA Communities" Online address: NYSDEC 2020
- New York State, Department of State, Office of Planning & Development. 2020. "Local Waterfront Revitalization Program". Online address: <https://www.dos.ny.gov/opd/programs/LWRP.html>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research & Development (NYSERDA). 2014. "Responding to Climate Change in New York State". Online address: <https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>



- New York State. Office of Planning and Development. 2020. “New York State Management Program Proposed 309 Assessment and Strategies”. On-Line Address: <https://www.dos.ny.gov/opd/publicNotices/notices.html>
- Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf).
- Tanski, J. 2012 (revised). Long Island’s Dynamic South Shore — A Primer on the Forces and Trends Shaping Our Coast. New York Sea Grant.
- United States Army Corps of Engineers. 2018. “FACT SHEET - Fire Island Inlet and Shores Westerly to Jones Inlet, New York.” Online address: <https://www.nan.usace.army.mil/Media/Fact-Sheets/Fact-Sheet-Article-View/Article/487607/fact-sheet-fire-island-inlet-and-shores-westerly-to-jones-inlet-new-york/>
- United States Army Corps of Engineers. 2020. “Fact Sheet-Fire Island to Montauk, NY.” Online address: <https://www.nan.usace.army.mil/Media/Fact-Sheets/Fact-Sheet-Article-View/Article/487483/fact-sheet-fire-island-to-montauk-point/>
- US Department of Homeland Security. No date. “CISA”. Online address: <https://www.cisa.gov/>
- U.S. Environmental Protection Agency. 2017. “Climate Impacts on Coastal Areas.” Online address: [https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas\\_.html](https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas_.html)
- United States Army Corps of Engineers. 2015. “ACCS Main Report.” Online address: [https://www.nad.usace.army.mil/Portals/40/docs/NACCS/NACCS\\_main\\_report.pdf](https://www.nad.usace.army.mil/Portals/40/docs/NACCS/NACCS_main_report.pdf)
- United States Geological Survey (USGS). 2020. “Coastal Change Hazards Portal”. Online address: <https://marine.usgs.gov/coastalchangehazardsportal/>

## Section 5.4.2: Cyber Security

---

- Federal Emergency Management Association (FEMA). 2019. “Cyber Security.” Online address: <https://www.fema.gov/cybersecurity>
- Federal Emergency Management Association (FEMA). 2020. “Data Visualization: Disaster Declarations for States and Counties”. Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- McAfee. 2013. “The Economic Impact of Cybercrime and Cyber Espionage.” Center for Strategic and International Studies. July. On-Line Address: <http://www.mcafee.com/us/resources/reports/rpeconomic-impact-cybercrime.pdf>
- New Jersey Cyber Security & Communications Integration Cell. 2019. Cyber Threat Profiles.” Online address: <https://cyber.nj.gov/threat-center/threat-profiles/>
- New Jersey Office of Emergency Management (NJOEM). 2019. “2019 New Jersey State Hazard Mitigation Plan Update.” Online Address: <http://ready.nj.gov/mitigation/2019-mitigation-plan.shtml>
- New York City Emergency Management. 2019. “2019 NYC Hazard Mitigation”. Online address: <https://nychazardmitigation.com/>



- New York State Department of Financial Services. 2017. 23 NYCRR 500 – Cybersecurity Requirements for Financial Services Companies. On-Line Address: <https://www.dfs.ny.gov/docs/legal/regulations/adoptions/dfsrf500txt.pdf>
- Rollins, John and Wilson, Clay. 2007. “Terrorist Capabilities for Cyber Attack: Overview and Policy Issues.” CRC Reports for Congress. January 22. On-Line Address: <http://www.fas.org/sgp/crs/terror/RL33123.pdf>
- Steere, Allen C., Jenifer Coburn, and Lisa Glickstein. 2004. "The Emergence of Lyme Disease." The Journal of Clinical Investigation. Accessed 2014. On-Line Address: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=385417>
- Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf).
- U.S. Department of Homeland Security. 2019. “2019 National Preparedness Report.” Online address: [https://www.fema.gov/media-library-data/1575309879997-d19134cec727cfa75c17f4051c4f88aa/2019\\_NPR\\_Final\\_508c\\_20191119.pdf](https://www.fema.gov/media-library-data/1575309879997-d19134cec727cfa75c17f4051c4f88aa/2019_NPR_Final_508c_20191119.pdf)
- United States Federal Cybersecurity Centers. No date. “Cyber Incident Severity Schema.” Online address: <https://obamawhitehouse.archives.gov/sites/whitehouse.gov/files/documents/Cyber%2BIncident%2BSeverity%2BSchema.pdf>
- Verizon Wireless. 2018. “2018 Data Breach Investigations Report”. Online address: <https://enterprise.verizon.com/resources/reports/2018-data-breach-investigations-report.pdf>
- Waldron, Kelly. 2011. “How Vulnerable is New Jersey to Cyber terrorism?” NJ 101.5. December 13. OnLine Address: <http://nj1015.com/how-vulnerable-is-new-jersey-to-cyber-terrorism-audio/>
- Wilson and Clay. 2007. “Botnets, Cybercrime, and Cyber terrorism: Vulnerabilities and Policy Issues for Congress.” November 15. On-Line Address: <http://www.fas.org/sgp/crs/terror/RL32114.pdf>

---

### Section 5.4.3: Disease Outbreak

---

- Barry-Eaton District Health Department. n.d. “Pandemic Influenza.” On-Line Address: <http://www.barryeatonhealth.org/Influenza/PandemicInfluenza.aspx>
- The Center for Disease Control and Prevention (CDC). 2010. “Pandemic (H1N1) 2009 – update 100.” May 14. On- Line Address: [http://www.who.int/csr/don/2010\\_05\\_14/en/index.html](http://www.who.int/csr/don/2010_05_14/en/index.html)
- The Center for Disease Control and Prevention (CDC). 2014. “Ebola (Ebola Virus Disease)”. November 25. Accessed January 2015, On-Line Address: <http://www.cdc.gov/vhf/ebola/>
- The Center for Disease Control and Prevention (CDC). 2016. “Basic TB Facts”. Online address: <https://www.cdc.gov/tb/topic/basics/default.htm>
- The Center for Disease Control and Prevention (CDC). 2017. “Transmission of Measles”. Online address: [https://www.cdc.gov/measles/transmission.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fmeasles%2Fabout%2Ftransmission.html](https://www.cdc.gov/measles/transmission.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fmeasles%2Fabout%2Ftransmission.html)
- The Center for Disease Control and Prevention (CDC). 2019b. “Hepatitis A”. Online address: [https://www.cdc.gov/hepatitis/hav/New Jersey Office of Emergency Management \(NJOEM\). 2019. “2019](https://www.cdc.gov/hepatitis/hav/New%20Jersey%20Office%20of%20Emergency%20Management%20(NJOEM).2019.2019)



New Jersey State Hazard Mitigation Plan Update.” Online Address: <http://ready.nj.gov/mitigation/2019-mitigation-plan.shtml>

The Center for Disease Control and Prevention (CDC). 2019c. “West Nile Virus; Cumulative Maps & Data for 1999-2018”. Accessed April 2020. Online address: <https://www.cdc.gov/westnile/statsmaps/cumMapsData.html>

The Center for Disease Control and Prevention (CDC). 2019d. “Saint Louis Encephalitis.” Accessed April 2020. On-line address: <https://www.cdc.gov/sle/index.html>

The Center for Disease Control and Prevention (CDC). 2019e. “La Cross Encephalitis.” Accessed April 2020. On-line address: <https://www.cdc.gov/lac/index.html>

The Center for Disease Control and Prevention (CDC). 2019f. “Lyme Disease; Data and Surveillance”. Accessed April 2020. Online address: <https://www.cdc.gov/lyme/datasurveillance/index.html>

The Center for Disease Control and Prevention (CDC). 2019. “Lyme Disease; Recent Surveillance Data”. Accessed April 2020. Online address: <https://www.cdc.gov/lyme/datasurveillance/tables-recent.html>

The Center for Disease Control and Prevention (CDC). 2020. “Coronavirus (COVID-19)”. Online address: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

The Center for Disease Control and Prevention (CDC). 2020b. Coronavirus Disease 2019 (COVID-19). On-Line Address: <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html>.

The Center for Disease Control and Prevention (CDC). No date. “Diseases Carried by Vectors.” On-Line Address: <https://www.cdc.gov/climateandhealth/effects/vectors.htm>

Federal Emergency Management Association (FEMA). 2020. “Data Visualization: Disaster Declarations for States and Counties”. Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

New York City Emergency Management. 2019. “2019 New York City Hazard Mitigation Plan”. Accessed April 2020. Online address: <https://nychazardmitigation.com/>

New York State Department of Environmental Conservation (NYSDEC). 2020. “Pesticide Laws and Regulations”. On-Line Address: <https://www.dec.ny.gov/chemical/112881.html#:~:text=Pesticide%20Laws%20and%20Regulations,in%20the%20Environmental%20Conservation%20Law.&text=Businesses%20must%20be%20registered%20with,services%20in%20New%20York%20State.>

New York State Department of Health. 2006. “Pandemic Influenza Plan.” Online address: [https://www.questar.org/wp-content/uploads/2017/08/Pandemic\\_influenza\\_plan.pdf](https://www.questar.org/wp-content/uploads/2017/08/Pandemic_influenza_plan.pdf)

New York State Department of Health. 2016. “Eastern Equine Encephalitis (EEE)”. Accessed April 2020. Online address: [https://www.health.ny.gov/diseases/communicable/eastern\\_equine\\_encephalitis/](https://www.health.ny.gov/diseases/communicable/eastern_equine_encephalitis/)

New York State Department of Health. 2016b. “Campylobacteriosis.” Accessed April 2020. Online Address: [https://www.health.ny.gov/diseases/communicable/campylobacteriosis/fact\\_sheet.htm](https://www.health.ny.gov/diseases/communicable/campylobacteriosis/fact_sheet.htm)

New York State Department of Health. 2017. “Arboviral (Arthropod-borne Viral) Diseases”. Accessed April 2020. Online address: [https://www.health.ny.gov/diseases/communicable/arboviral/fact\\_sheet.htm](https://www.health.ny.gov/diseases/communicable/arboviral/fact_sheet.htm)



- New York State Department of Health. 2017b. “West Nile Virus (WNV)”. Online address: [https://www.health.ny.gov/diseases/west\\_nile\\_virus/fact\\_sheet.htm](https://www.health.ny.gov/diseases/west_nile_virus/fact_sheet.htm)
- New York State Department of Health. 2017c. “Lyme Disease (Tick-borne borreliosis, Lyme arthritis) Fact Sheet”. Accessed April 2020. Online address: [https://www.health.ny.gov/diseases/communicable/lyme/fact\\_sheet.htm](https://www.health.ny.gov/diseases/communicable/lyme/fact_sheet.htm)
- NYS Department of Health. 2019. “Lyme Disease and Other Diseases Carried by Ticks”. Accessed April 2020. Online address: <https://www.health.ny.gov/diseases/communicable/lyme/>
- New York State Department of Health. 2019b. “Foodborne Illness Outbreak Prevention and Food Recalls.” Accessed April 2020. Online address: [https://www.health.ny.gov/environmental/indoors/food\\_safety/recall.htm](https://www.health.ny.gov/environmental/indoors/food_safety/recall.htm)
- New York State Department of Health. 2019c. “Mosquitoes and Disease”. Accessed April 2020. Online address: [https://www.health.ny.gov/diseases/west\\_nile\\_virus/](https://www.health.ny.gov/diseases/west_nile_virus/)
- New York State Department of Health. 2019d. “Communicable Disease Annual Reports and Related Information”. Accessed April 2020. Online address: <https://www.health.ny.gov/statistics/diseases/communicable/>
- New York State. Department of Health. 2020. COVID-19 Tracker. On-Line Address: <https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-TableView?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>
- New York State Disaster Preparedness Commission. 2020. “New York State Comprehensive Emergency Management Plan, Pandemic Annex.” Online address: <http://www.dhses.ny.gov/planning/cemp/documents/Pandemic-Annex.pdf>
- Placer Mosquito and Vector Control District. 2019. “Invasive Species.” On-line Address: <http://www.placermosquito.org/unlisted-news/invasivespecies/>
- Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf).
- World Health Organization (WHO). 2009. “The WHO Pandemic Phases”. Online address: <https://www.ncbi.nlm.nih.gov/books/NBK143061/>
- World Health Organization (WHO). 2020. “Coronavirus”. Online address: [https://www.who.int/health-topics/coronavirus#tab=tab\\_1](https://www.who.int/health-topics/coronavirus#tab=tab_1)

---

### Section 5.4.4: Drought

---

- Central Pine Barrens Joint Planning and Policy Commission. 2020. “Overview”. On-Line Address: <https://pb.state.ny.us/central-pine-barrens/overview/>
- Esri. N.d. Long Island Water Districts. On-Line Address: <https://www.arcgis.com/apps/PublicInformation/index.html?appid=b4d949fbec114dc8b7b5a797f51da63d&wmode=opaque>





- Federal Emergency Management Association (FEMA). 2020. “Data Visualization: Disaster Declarations for States and Counties”. Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- National Drought Mitigation Center (NDMC). University of Nebraska – Lincoln. Drought Severity Classification. 2002. Accessed 2018. Online address: <http://www.unc.edu/~rowlett/units/scales/drought.html>
- National Integrated Drought Information System. 2020. “Fire”. On-Line Address: <https://www.drought.gov/drought/data-maps-tools/fire>
- National Oceanic and Atmospheric Administration (NOAA). 2000. “All Dried Up.” Accessed 2016. On-Line Address: [http://coastwatch.noaa.gov/cwn/images/Drought\\_Module.pdf](http://coastwatch.noaa.gov/cwn/images/Drought_Module.pdf)
- New York State Department of Environmental Conservation (NYSDEC). No date. “Drought.” Accessed April 2020. Online address: <http://www.dec.ny.gov/lands/5011.html>
- New York State Department of Environmental Conservation (NYSDEC). No date b. “New York State Drought Management Regions and Map of Conditions.” Accessed April 2020. Online address: <https://www.dec.ny.gov/lands/5014.html>
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/drought>
- New York State Energy Research and Development Authority. 2011. “Responding to Climate Change in New York State.” Online address: <https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research & Development (NYSERDA). 2014. “Responding to Climate Change in New York State”. Online address: <https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- Suffolk County. 2013. “County Executive Bellone and the East End Tourism Alliance Announce the “Taste North Fork” Campaign”. On-Line Address: <https://www.suffolkcountyny.gov/county-executive-bellone-and-the-east-end-tourism-alliance-announce-the-taste-north-fork-campaign>
- Suffolk County. 2015. Comprehensive Water Resources Management Plan. On-Line Address: <https://www.suffolkcountyny.gov/Portals/0/FormsDocs/Health/EnvironmentalQuality/ComprehensiveWaterResourceManagementPlan/Section%204%20Drinking%20Water%20Supply.pdf>
- Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf)
- Suffolk County. Office of Water Resources. 2020. “Water Resources”. On-Line Address: <https://www.suffolkcountyny.gov/Departments/Health-Services/Environmental-Quality/Water-Resources>
- U.S. Department of Agriculture (USDA). 2017. “2017 Census of Agriculture County Profile Suffolk County, New York.” Online address:



[https://www.nass.usda.gov/Publications/AgCensus/2017/Online\\_Resources/County\\_Profiles/New\\_York/cp36103.pdf](https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/New_York/cp36103.pdf)

U.S. Department of Agriculture (USDA). 2020. "Cause of Loss Historical Data Files." Online address: <https://www.rma.usda.gov/SummaryOfBusiness/CauseOfLoss>

### Section 5.4.5: Earthquake

---

Brown, W. et al. U.S. Geological Survey (USGS) Hazard Maps Help Save Lives and Property. Last Modified 2001. Accessed 2012. Online address: <http://pubs.usgs.gov/fs/1996/fs183-96/fs183-96.pdf>

County of Humboldt. 2008. Humboldt Operational Area Hazard Mitigation Plan (HMP) Final Plan. Accessed 2016. On-Line Address: <http://co.humboldt.ca.us/planning/hazardmitigation/default.asp?inc=finaldraft>

Federal Emergency Management Agency (FEMA). 2001. "Defining an Earthquake." Accessed 2016. On-Line Address: [http://www.fema.gov/media-library-data/20130726-1504-20490-4864/fema\\_159\\_units.pdf](http://www.fema.gov/media-library-data/20130726-1504-20490-4864/fema_159_units.pdf)

Federal Emergency Management Agency (FEMA). 2016. "National Earthquake Hazards Reduction Program." Accessed 2016. On-Line Address: <https://training.fema.gov/emiweb/earthquake/index.htm>

Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

International Tsunami Information Center (ITIC). 2016. "About Tsunamis." Accessed 2016. On-Line Address: [http://itic.ioc-unesco.org/index.php?option=com\\_content&view=category&layout=blog&id=1004&Itemid=1004](http://itic.ioc-unesco.org/index.php?option=com_content&view=category&layout=blog&id=1004&Itemid=1004)

Lehigh Earth Observatory. Earthquakes in Pennsylvania? Lehigh University. 2006. Accessed 2012. Online address: <http://www.leo.lehigh.edu/projects/seismic/pennquakes.html>

NASA. Retreating Glaciers Spur Alaskan Earthquakes. 2 Aug. 2004. Accessed 2012. Online address: <http://www.nasa.gov/centers/goddard/news/topstory/2004/0715glacierquakes.html>

National Oceanic and Atmospheric Administration (NOAA). West Coast and Alaska Tsunami Warning Center. 2016. "Tsunami." On-Line Address: <http://wcatwc.arh.noaa.gov/pdf/deadlywaters.pdf>

New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/drought>

New York State Department of Transportation (NYSDOT). 2015. Geotechnical Design Manual. Chapter 9: Seismic Design. On-Line Address: [https://www.dot.ny.gov/divisions/engineering/technical-services/geotechnical-engineering-bureau/geotech-eng-repository/GDM\\_Ch-9\\_Seismic\\_Design.pdf](https://www.dot.ny.gov/divisions/engineering/technical-services/geotechnical-engineering-bureau/geotech-eng-repository/GDM_Ch-9_Seismic_Design.pdf)

New York State Museum. Geographic Information System. 2012. Accessed January 2012. Online address: <http://www.nysm.nysed.gov/gis/>

Shedlock, K. and Pakiser, L. 1995. "Earthquakes." United States Geological Survey. On-Line Address: <http://pubs.usgs.gov/gip/earthq1/>



- Tantala, M. et al. The New York City Consortium for Earthquake Loss Mitigation (NYCEM) Earthquake Risks and Mitigation in New York, New Jersey, and Connecticut Region. 2003. Accessed 2012 Online address: <http://nycem.org/techdocs/FinalReport/03-SP02p.pdf>
- U.S. Geological Survey (USGS). The Richter Magnitude Scale. 1989. Accessed 2012 Online address: <http://earthquake.usgs.gov/learning/topics/richter.php>
- U.S. Geological Survey (USGS). 2012a. "Earthquake Glossary- seiche." July 18. On-Line Address: <http://earthquake.usgs.gov/learn/glossary/?term=seiche>
- U.S. Geological Survey (USGS). 2012b. "Earthquake Glossary- magnitude." On-Line Address: <http://earthquake.usgs.gov/learn/glossary/?term=magnitude>.
- U.S. Geological Survey (USGS). 2014. "2014 U.S. Geological Survey (USGS) National Seismic Hazard Maps." Accessed 2016. On-Line Address: <http://earthquake.usgs.gov/hazards/hazmaps/conterminous/index.php#2014>
- U.S. Geological Survey (USGS). 2016. "The Modified Mercalli Intensity Scale." Accessed 2016. On-Line Address: <https://earthquake.usgs.gov/learn/topics/mercalli.php>
- USGS. 2019. "Introduction: Ground Deformation and Failure." On-Line Address: <https://archive.usgs.gov/archive/sites/walrus.wr.usgs.gov/geotech/intro.html>

#### Section 5.4.6: Expansive Soils

---

- Cornell University College of Agriculture and Life Sciences. New York's Changing Climate. 2011. Accessed 2012. Online address: [http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny\\_changing\\_climate.pdf](http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf)
- Federal Emergency Management Agency (FEMA). Multi-Hazard Identification and Risk Assessment (MHIRA). January 1997. Accessed 2013. Online address: <http://www.fema.gov/library/viewRecord.do?id=2214>
- Federal Emergency Management Agency (FEMA). N.d. "Coastal Construction Manual." On-Line Address: [https://www.fema.gov/media-library-data/20130726-1510-20490-9375/fema55\\_volii\\_ch10rev.pdf](https://www.fema.gov/media-library-data/20130726-1510-20490-9375/fema55_volii_ch10rev.pdf)
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. "New York City panel on climate change 2015 report. Chapter 1: climate observations and projections". Ann. N.Y. Acad. Sci. 1336: 18–35.
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York State Department of Homeland Security and Emergency Services. 2014. New York State 2014 Hazard Mitigation Plan.



New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address:  
<https://www.nysERDA.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>

New York State Energy Research & Development (NYSERDA). 2014. "Responding to Climate Change in New York State". Online address:  
<https://www.nysERDA.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>

Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address:  
[https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf).

U.S. Department of Agriculture Natural Resources Conservation Area. 2020. Custom Soil Resource Report for Suffolk County, New York.

### Section 5.4.7: Extreme Temperature

---

Adams, C. "Impacts of Temperature Extremes". Cooperative Institute for Research in the Atmosphere.

Centers for Disease Control and Prevention (CDC). Emergency Preparedness and Response - Extreme Cold: A Prevention Guide to Promote Your Personal Health and Safety. Last Modified 7 Dec., 2007. Accessed 2012. Online address: <http://www.bt.cdc.gov/disasters/winter/guide.asp#def>

Center for Disease Control and Prevention (CDC). 2016. "Extreme Heat." Natural Disasters and Severe Weather July 26. Accessed 2016. On-Line Address: <https://www.cdc.gov/disasters/extremeheat/index.html>

Climate Prediction Center (CPC). National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS). Climate Divisions with Counties. Last Modified 6 Jan. 2005. Online address: [http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/regional\\_monitoring/CLIM\\_DIVS/new\\_york.gif](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/regional_monitoring/CLIM_DIVS/new_york.gif)

Cornell University. The Climate of New York. Date Unknown. Accessed 2012. Online address: <http://www.weather.com/weather/wxclimatology/monthly/USNY0378>

Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

Meehl, G. and Tebaldi, C. "More Intense, More Frequent, and Longer Lasting Heat Waves in the 21st Century." Science 305 (2004): 994-97.

National Climatic Data Center (NCDC). National Oceanic and Atmospheric Administration (NOAA). "Climate of New York." Date unknown.  
[https://www.ncdc.noaa.gov/climatenormals/clim60/states/Clim\\_NY\\_01.pdf](https://www.ncdc.noaa.gov/climatenormals/clim60/states/Clim_NY_01.pdf)

National Oceanic and Atmospheric Administration (NOAA). NCEI. 2020. "Data Tools: 1981-2010 Normals." Online address: <https://www.ncdc.noaa.gov/cdo-web/datatools/normals>



- National Weather Service (NWS). 2013. "Heat: A Major Killer." National Oceanic & Atmospheric Administration. On-Line Address: <http://www.nws.noaa.gov/os/heat/index.shtml>
- National Weather Service (NWS). 2015. "What is Extreme Cold?" September 19. Accessed 2016. On-Line Address: [http://www.srh.noaa.gov/jan/?n=swpw\\_fall\\_cold\\_windchill](http://www.srh.noaa.gov/jan/?n=swpw_fall_cold_windchill)
- National Weather Service (NWS). 2016. "Winter Weather Safety." Accessed 2016. On-Line Address: <http://www.nws.noaa.gov/om/winter/windchill.shtml>
- National Weather Service (NWS). 2016. "Heat Index." Accessed 2016. On-Line Address: [http://www.nws.noaa.gov/om/heat/heat\\_index.shtml](http://www.nws.noaa.gov/om/heat/heat_index.shtml)
- National Weather Service (NWS). 2018. "Weather Fatalities." Natural Hazard Statistics. April 25. Accessed 2018. On-Line Address: <http://www.nws.noaa.gov/om/hazstats.shtml>
- New York City. 2019. 2019 NYC Hazard Mitigation. On-Line Address: <https://nychazardmitigation.com>
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nysrerda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research & Development (NYSERDA). 2014. "Responding to Climate Change in New York State". Online address: <https://www.nysrerda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- Suffolk County. 2017. Annual Report of the Suffolk County Planning Commission. On-line Address: [https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC\\_AnnualReport\\_02212017.pdf](https://suffolkcountyny.gov/portals/0/formsdocs/planning/SCPlanningCommission/2017/SCPC_AnnualReport_02212017.pdf).
- U.S. Census. 2019. "2010 Census Urban and Rural Classification and Urban Area Criteria." Online address: <https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural/2010-urban-rural.html>
- U.S. Department of Agriculture (USDA). 2020. "Cause of Loss Historical Data Files." Online address: <https://www.rma.usda.gov/SummaryOfBusiness/CauseOfLoss>
- U.S. Environmental Protection Agency (EPA). 2019. "Heat Island Effect". Online Address: <https://www.epa.gov/heat-islands>

### Section 5.4.8: Flood

---

- Center for Disaster Resilience. 2016. "The Growing Threat of Urban Flooding: A National Challenge" Online address: [https://cdr.umd.edu/sites/cdr.umd.edu/files/resource\\_documents/COMPRESSEDurban-flooding-report-online-compressed-0319.pdf](https://cdr.umd.edu/sites/cdr.umd.edu/files/resource_documents/COMPRESSEDurban-flooding-report-online-compressed-0319.pdf)



- Federal Emergency Management Agency (FEMA). 1997. "FEMA's Multi-Hazard Identification and Risk Assessment (MHIRA)." January 1. On-Line Address: <http://www.fema.gov/library/viewRecord.do?id=2214>
- Federal Emergency Management Agency (FEMA). 2003. "FEMA Flood Insurance Study Tutorial." Accessed 2018. On-Line Address: [https://www.fema.gov/media-library-data/20130726-1550-20490-1795/ot\\_fis.pdf](https://www.fema.gov/media-library-data/20130726-1550-20490-1795/ot_fis.pdf)
- Federal Emergency Management Agency (FEMA). 2007. Floodplain Management Principles and Current Practices. Accessed 2018. On-Line Address: <https://training.fema.gov/hiedu/aemrc/courses/coursetreat/fm.aspx>
- Federal Emergency Management Agency (FEMA). 2009. "Flood Insurance Study, Suffolk County, New York (All Jurisdictions)." Online address: <https://map1.msc.fema.gov/data/36/S/PDF/36103CV000A.pdf?LOC=8795c09407bf042abbd8593d38dc9eb5>
- Federal Emergency Management Agency (FEMA). 2011. "Coastal Construction Manual." FEMA P-55. August. On-Line Address: <http://www.fema.gov/media-library/assets/documents/3293?id=1671>
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Federal Energy Regulatory Commission (FERC). "Dam Safety Program". November 18, 2011. Accessed 2018. Online address: <http://www.ferc.gov/industries/hydropower/gen-info/regulation/dam-safety.asp>
- Harris, T. 2008. "How Floods Work." On-Line Address: <http://science.howstuffworks.com/flood.htm>
- Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. "New York city panel on climate change 2015 report. Chapter 1: climate observations and projections". Ann. N.Y. Acad. Sci. 1336: 18–35.
- National Oceanic and Atmospheric Administration (NOAA). 2009. "Glossary of Terms". Online address: <https://w1.weather.gov/glossary/>
- National Oceanic and Atmospheric Administration (NOAA). Storm Surge & Coastal Floods. Date Unknown. Accessed 2013. Online address: [http://www.noaawatch.gov/themes/coastal\\_inundation.php](http://www.noaawatch.gov/themes/coastal_inundation.php)
- National Oceanic and Atmospheric Administration (NOAA). 2014. "Sea Level Rise and Nuisance Flood Frequency Changes around the United States". Online address: [https://tidesandcurrents.noaa.gov/publications/NOAA\\_Technical\\_Report\\_NOS\\_COOPS\\_073.pdf](https://tidesandcurrents.noaa.gov/publications/NOAA_Technical_Report_NOS_COOPS_073.pdf)
- National Oceanic and Atmospheric Administration (NOAA). 2018. "What is High Tide Flooding". Online address: <https://oceanservice.noaa.gov/facts/nuisance-flooding.html>
- National Oceanographic and Atmospheric Administration (NOAA). 2020. "Linear Relative Mean Sea Level (MSL) trends and 95% Confidence Intervals (CI) in mm/year and in ft/century." Tides and Currents. On-Line Address: <http://tidesandcurrents.noaa.gov/sltrends/msltrendstable.htm>
- National Oceanic and Atmospheric Administration (NOAA). Tides & Currents. 2020b. "Sea Level Trends." Online address: [https://tidesandcurrents.noaa.gov/sltrends/sltrends\\_us.html](https://tidesandcurrents.noaa.gov/sltrends/sltrends_us.html)



- National Weather Service (NWS). 2009. "Flash Flood." On-Line Address:  
<http://w1.weather.gov/glossary/index.php?word=flash+flood>
- National Weather Service (NWS). 2011. "Flood Safety." On-Line Address:  
[http://www.erh.noaa.gov/car/WCM/Awareness\\_Campaigns\\_files/flood\\_part\\_1.htm](http://www.erh.noaa.gov/car/WCM/Awareness_Campaigns_files/flood_part_1.htm)
- National Weather Service. 2020. "Watch/Warning/Advisory Definitions." Online address:  
<https://www.weather.gov/lwx/WarningsDefined>
- National Weather Service. No date. "Coastal Flooding Thresholds." Online address:  
<https://www.weather.gov/images/okx/coastalflood/Coastal%20Flood%20Threshold%20Definitions.png>
- New York City. 2019. NYC 2019 Hazard Mitigation Plan. On-Line Address: <https://nychazardmitigation.com/>
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address:  
<https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address:  
<https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address:  
<https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State. Office of Planning and Development. 2020. "New York State Management Program Proposed 309 Assessment and Strategies". On-Line Address:  
<https://www.dos.ny.gov/opd/publicNotices/notices.html>
- Town of Southampton, NY. Southampton Tomorrow Comprehensive Plan Update and Implementation Strategies. March 12, 1999. Accessed 2012. Online address:  
<http://www.southamptontownny.gov//content/72/837/2113/2365/default.aspx>
- U.S. Army Corps of Engineers (USACE). Regulation No. 1110-2-1156: Safety of Dams-Policy and Procedures. 31 March 2014. Accessed 2018. Online address:  
[http://planning.usace.army.mil/toolbox/library/ERs/ER1110-2-1155\\_12Sep1997.pdf](http://planning.usace.army.mil/toolbox/library/ERs/ER1110-2-1155_12Sep1997.pdf)
- U.S. Army Corps of Engineers (USACE). 2020. NY&NJ HATS Interim Report. On-Line Address:  
<https://www.nan.usace.army.mil/Missions/Civil-Works/Projects-in-New-York/New-York-New-Jersey-Harbor-Tributaries-Focus-Area-Feasibility-Study/>
- U.S. Army Corps of Engineers (USACE). 2020. "Ice Jam Database." Online address:  
<https://icejam.sec.usace.army.mil/ords/f?p=101:7:::NO::>
- U.S. Environmental Protection Agency. 2017. "Climate Impacts on Coastal Areas." Online address:  
[https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas\\_.html](https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas_.html)



World Health Organization. 2020. "Flooding and communicable diseases fact sheet". On-Line Address: [https://www.who.int/hac/techguidance/ems/flood\\_cds/en/](https://www.who.int/hac/techguidance/ems/flood_cds/en/).

### Section 5.4.9: Groundwater Contamination

---

Barlow, Paul M., and Emily C. Wild. USGS. Bibliography on the Occurrence and Intrusion of Saltwater in Aquifers Along the Atlantic Coast of the United States. 2002. Online address: <http://pubs.usgs.gov/of/2002/ofr02235/pdfs/ofr02235.pdf>

Bennington, J B. Hofstra University. Groundwater: Long Island's Aquifers. No date. Online address: [http://people.hofstra.edu/faculty/j\\_b\\_bennington/1cnotes/aquifers.html](http://people.hofstra.edu/faculty/j_b_bennington/1cnotes/aquifers.html)

Cartwright, Richard A. USGS. Occurrence of Arsenic in Ground Water of Suffolk County, New York, 1997 - 2002. 2004. Online address: <http://ny.water.usgs.gov/pubs/wri/wri034315/wrir03-4315.pdf>

Centers for Disease Control and Prevention (CDC) Division of Parasitic Diseases (DPD). Radon and Drinking Water From Private Wells. 19 Sept. 2003. Accessed 2007. Online address: <http://www.cdc.gov/ncidod/dpd/healthywater/factsheets/radon.htm>

Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

Goosen, Mattheus F.A., PhD and Walid H. Shayya, PhD, eds. Water Management, Purification & Conservation in Arid Climates. Volume I: Water Management. Technomic Publishing Co., Inc.; Lancaster. 1999.

Groundwater Foundation. 2020. "Get Informed". Online address: <https://www.groundwater.org/get-informed/>

Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. "New York city panel on climate change 2015 report. Chapter 1: climate observations and projections". Ann. N.Y. Acad. Sci. 1336: 18–35.

Kumar, C P. National Institute of Hydrology. No date. "Management of Groundwater in Salt Water Ingress Coastal Aquifers." Online address: <http://www.angelfire.com/nh/cpkumar/publication/gwman.pdf>

Lenntech. Date unknown. Accessed 2020. "Seawater Intrusions in Groundwater" Online address: <https://www.lenntech.com/groundwater/seawater-intrusions.htm>

Long Island Regional Planning Council. 2020. "Long Island Regional Planning Council." Online address: <https://lirpc.org/our-work/long-island-nitrogen-action-plan/#:~:text=The%20Long%20Island%20Nitrogen%20Action%20Plan%20%28LINAP%29%20is,counties%2C%20with%20input%20from%20multiple%20partners%20and%20stakeholders.>

New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>

New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nysrerda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>





- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address: <https://www.nyserda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Department of Health (NYSDOH). Wadsworth Center. "Map of New York State". Date Unknown. Online address: <http://www.nyradon.org/watermap.jpg>
- Suffolk County. 2019. "Subwatersheds Wastewater Plan."
- Suffolk County. 2020. "Water Quality Improvement." Online address: <https://www.suffolkcountyny.gov/Departments/Economic-Development-and-Planning/Planning-and-Environment/Water-Quality-Improvement>
- Suffolk County Department of Health Services. 2020. "Private Well Water Testing Program". On-Line Address: <https://suffolkcountyny.gov/Departments/Health-Services/Environmental-Quality/Water-Resources/Private-Well-Water-Testing-Program>
- Suffolk County. Office of Water Resources. 2020. "Water Resources". On-Line Address: <https://www.suffolkcountyny.gov/Departments/Health-Services/Environmental-Quality/Water-Resources>
- Suffolk County Water Authority. 2019. "2019 Drinking Water Quality Report." Online address: [http://s1091480.instanturl.net/dwqr2019/AWQR2019\\_FINAL51319.pdf](http://s1091480.instanturl.net/dwqr2019/AWQR2019_FINAL51319.pdf)
- U.S. Environmental Protection Agency (USEPA). 1993. EPA Map of Radon Zones. Online address: [https://www.epa.gov/sites/production/files/2014-08/documents/new\\_york.pdf](https://www.epa.gov/sites/production/files/2014-08/documents/new_york.pdf)
- U.S. Environmental Protection Agency (USEPA). My WATERS Mapper. 2012a. Last Modified 9 May, 2012. Accessed 2012. Online address: [http://watersgeo.epa.gov/mwm/?layer=LEGACY\\_WBD&feature=02030202&extraLayers=null](http://watersgeo.epa.gov/mwm/?layer=LEGACY_WBD&feature=02030202&extraLayers=null)
- United States Environmental Protection Agency (USEPA). "Arsenic in Drinking Water". September 17, 2013. Online address: <http://water.epa.gov/lawsregs/rulesregs/sdwa/arsenic/>
- United States Environmental Protection Agency (USEPA). 2015. "Getting up to Speed: Ground Water Contamination". On-Line Address: <https://www.epa.gov/sites/production/files/2015-08/documents/mgwc-gwcl.pdf>
- U.S. Environmental Protection Agency (USEPA).2020. "How EPA Regulates Drinking Water Contaminants." Online address: <https://www.epa.gov/sdwa/how-epa-regulates-drinking-water-contaminants>
- U.S. Geological Survey (USGS). 2017. "Study Estimates about 2.1 Million People using Wells High in Arsenic". Online address: <https://www.usgs.gov/news/study-estimates-about-21-million-people-using-wells-high-arsenic>



### Section 5.4.10: Hurricane

---

- Barlow, Paul M., and Emily C. Wild. USGS. Bibliography on the Occurrence and Intrusion of Saltwater in Aquifers Along the Atlantic Coast of the United States. 2002. Online address: <http://pubs.usgs.gov/of/2002/ofr02235/pdfs/ofr02235.pdf>
- BBC. 2019. "Atlantic Hurricane Season Starts Early." Online address: <https://www.bbc.com/weather/features/48370092>
- Dinicola, K. 2009. The "100-Year Flood". U.S. Geological Survey (USGS). July. On-Line Address: <http://pubs.usgs.gov/fs/FS-229-96/>
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Federal Emergency Management Agency (FEMA). No date. "Section I: Understanding the Hazards." Online address: [https://www.fema.gov/pdf/library/ism2\\_s1.pdf](https://www.fema.gov/pdf/library/ism2_s1.pdf)
- Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. "New York city panel on climate change 2015 report. Chapter 1: climate observations and projections". Ann. N.Y. Acad. Sci. 1336: 18–35.
- Mandia, Scott A. SUNY Suffolk. "Introduction to Hurricanes." Date Unknown. Online address: [http://www2.sunysuffolk.edu/mandias/38hurricane/hurricane\\_introduction.html](http://www2.sunysuffolk.edu/mandias/38hurricane/hurricane_introduction.html)
- National Oceanic and Atmospheric Administration (NOAA). 2020. "Historical Hurricane Tracks." On-Line Address: <https://coast.noaa.gov/hurricanes/>
- National Oceanic and Atmospheric Administration (NOAA). National Hurricane Center (NHC). 2011. "Tropical Cyclone Climatology". Online address: <https://www.nhc.noaa.gov/climo/>
- National Oceanic and Atmospheric Administration (NOAA). National Hurricane Center (NHC). National Weather Services (NWS). "Saffir-Simpson Hurricane Wind Scale". Last modified 24 May 2013. Accessed 2013. <<http://www.nhc.noaa.gov/aboutsshws.php>>.
- National Oceanic and Atmospheric Administration (NOAA). National Hurricane Center. 2020. "Tropical Cyclone Names." Online address: <https://www.nhc.noaa.gov/aboutnames.shtml>
- National Weather Service (NWS). 2013. "NWS Warning and Product Changes Associated with Post-Tropical Cyclones." April 4. On-Line Address: [http://www.nhc.noaa.gov/news/20130404\\_hsu\\_postTropicalChanges.php](http://www.nhc.noaa.gov/news/20130404_hsu_postTropicalChanges.php)
- New York City. 2019. New York City 2019 Hazard Mitigation Plan. On-Line Address: <https://nychazardmitigation.com>
- New York City. 2020. "Impact of Hurricane Sandy". On-Line Address: <https://www1.nyc.gov/site/cdbgdr/about/About%20Hurricane%20Sandy.page>.
- New York City. Department of Planning. 2019. Zoning for Coastal Flood Resiliency. On-Line Address: <https://www1.nyc.gov/assets/planning/download/pdf/plans-studies/flood-resiliency-update/zoning-for-flood-resiliency.pdf>



- New York City Panel on Climate Change (NPCC). 2015. “New York City Panel on Climate Change 2015 Report Executive Summary.” Online address:  
<https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/hurricane>
- New York State Energy Research and Development Authority. 2011. “Responding to Climate Change in New York State.” Online address:  
<https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. “Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State).” Online address:  
<https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- U.S. Environmental Protection Agency. 2017. “Climate Impacts on Coastal Areas.” Online address:  
[https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas\\_.html](https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-coastal-areas_.html)
- Weather.com. 2020. “Atlantic Hurricane Season Is One Month Away, But It Has Started Early 5 Straight Years.” Online address: <https://weather.com/safety/hurricane/news/2020-04-20-atlantic-hurricane-season-early-start-since-2015>

### Section 5.4.11: Infestation and Invasive Species

---

- Federal Emergency Management Agency (FEMA). 2020. “Data Visualization: Disaster Declarations for States and Counties”. Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. “New York city panel on climate change 2015 report. Chapter 1: climate observations and projections”. Ann. N.Y. Acad. Sci. 1336: 18–35.
- Long Island Invasive Species Management Area. 2020. “Meet the Species.” Online Address:  
<http://www.liisma.org/invasive-species-intro/>
- National Geographic. 2015. “White-Tailed Deer”. Online address:  
<https://www.nationalgeographic.com/animals/mammals/w/white-tailed-deer/>
- National Oceanic and Atmospheric Administration (NOAA). Ocean Acidification Program (OAP). 2020. “What is Ocean Acidification.” Online address:  
<https://oceanacidification.noaa.gov/OurChangingOcean.aspx>
- The Nature Conservancy. Invaders At the Gate: New York's Race Against a Hungry Beetle. 2007. Online address: <http://www.nature.org/wherewework/northamerica/states/newyork/newsletter/art21089.html>
- New Jersey Agricultural Experiment Station. 2020. “Spotted Lanternfly”. Online address:  
<https://njaes.rutgers.edu/spotted-lanternfly/>



- New Jersey Department of Agriculture. 2019. "Spotted Lanternfly". Online address: <https://www.nj.gov/agriculture/divisions/pi/prog/spottedlanternfly.html>
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York Invasive Species Clearinghouse (NYIS). "Sirex Woodwasp". 2013. Accessed 2013. Online address: [http://www.nyis.info/index.php?action=invasive\\_detail&id=47](http://www.nyis.info/index.php?action=invasive_detail&id=47)
- New York Invasive Species (IS) Information. 2019 "Sirex Woodwasp." Online address: [http://nyis.info/invasive\\_species/sirex-woodwasp/](http://nyis.info/invasive_species/sirex-woodwasp/)
- New York State Department of Environmental Conservation (NYSDEC). Date unknown. "Impacts of Climate Change in New York." Accessed 2018. Online address: <http://www.dec.ny.gov/energy/94702.html>
- New York State Department of Environmental Conservation (NYSDEC). 2018b. New York State Invasive Species Comprehensive Management Plan. On-Line Address: [https://www.dec.ny.gov/docs/lands\\_forests\\_pdf/iscmpfinal.pdf](https://www.dec.ny.gov/docs/lands_forests_pdf/iscmpfinal.pdf)
- New York State Department of Environmental Conservation (NYSDEC). 2020. "Asian Longhorned Beetle". Online address: <https://www.dec.ny.gov/animals/7255.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020b. "Sirex Woodwasp". Online address: <http://www.dec.ny.gov/animals/7248.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020c. "Southern Pine Beetle". Online address: <http://www.dec.ny.gov/animals/99331.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020d. "Invasive Species Council." Online address: <http://www.dec.ny.gov/animals/6989.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020e. "Insects & Other Species". On-Line Address: <https://www.dec.ny.gov/animals/273.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020f. "Nuisance & Invasive Species." On-Line Address: <https://www.dec.ny.gov/animals/265.html>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nyserd.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address: <https://www.nyserd.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Parks. 2016. "Southern Pine Beetle in New York." Online Address: <https://nystateparks.blog/2016/07/05/southern-pine-beetle-in-new-york/>



U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Service. 2020. "Asian Longhorned Beetle Maps." Online address: [https://www.aphis.usda.gov/aphis/ourfocus/planthealth/plant-pest-and-disease-programs/pests-and-diseases/asian-longhorned-beetle/ct\\_alb\\_maps](https://www.aphis.usda.gov/aphis/ourfocus/planthealth/plant-pest-and-disease-programs/pests-and-diseases/asian-longhorned-beetle/ct_alb_maps)

### Section 5.4.12: Nor'Easter

---

Cornell University College of Agriculture and Life Sciences. New York's Changing Climate. 2011. Accessed 2012. Online address: [http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny\\_changing\\_climate.pdf](http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf)

Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

National Oceanic and Atmospheric Administration (NOAA).Climate.gov. 2018. "Nor'easters pummel the U.S. Northeast in late winter 2018". Online address: <https://www.climate.gov/news-features/event-tracker/nor%E2%80%99easters-pummel-us-northeast-late-winter-2018>

National Oceanic and Atmospheric Administration (NOAA). NCDC. 2011. "Regional Snowfall Index." National Climatic Data Center. On-Line Address: <http://www.ncdc.noaa.gov/snow-and-ice/rsi/>

National Oceanic and Atmospheric Administration (NOAA). National Weather Service (NWS). 2013. "Saffir-Simpson Hurricane Wind Scale." May 24. On-Line Address: <http://www.nhc.noaa.gov/aboutsshws.php>

New York City. 2019. New York City 2019 Hazard Mitigation Plan. On-Line Address: <https://nychazardmitigation.com>

New York City. Department of Planning. 2019. Zoning for Coastal Flood Resiliency. On-Line Address: <https://www1.nyc.gov/assets/planning/download/pdf/plans-studies/flood-resiliency-update/zoning-for-flood-resiliency.pdf>

New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>

New York State Department of Homeland Security and Emergency Services. 2011. New York State 2011 Hazard Mitigation Plan.

New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nysERDA.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>

New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address: <https://www.nysERDA.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>



Spectrum News NY1, 2018. “Rare summer nor’easter hits NYC.” Online address:  
<https://www.ny1.com/nyc/all-boroughs/news/2018/07/21/nor-easter-new-york-city-july-21-2018>

Storm Solutions. N.d. “Top Five Facts: Nor’Easter vs Hurricanes.” Online address:  
<http://www.stormsolutionsusa.com/Brochures/Noreaster%20Handout.pdf>

### Section 5.4.13: Severe Storm

---

Borenstein, S. “NASA: Global Warming to Bring More Storms.” The New Jersey Herald 2 Sept. 2007.

Cornell University College of Agriculture and Life Sciences. 2011. “New York’s Changing Climate.” Online address:  
[http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny\\_changing\\_climate.pdf](http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf)

Encyclopedia Britannica. 2011. “Hail.” Online address: <https://www.britannica.com/science/hail-meteorology>

Federal Emergency Management Agency (FEMA). 1997. FEMA’s Multi-Hazard Identification and Risk Assessment (MHIRA). Accessed 2018. < <http://www.fema.gov/media-library/assets/documents/7251?id=2214>>

Federal Emergency Management Agency (FEMA). 2020. “Data Visualization: Disaster Declarations for States and Counties”. Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>

Federal Emergency Management Agency (FEMA). No date. “Section I: Understanding the Hazards.” Online address: [https://www.fema.gov/pdf/library/ism2\\_s1.pdf](https://www.fema.gov/pdf/library/ism2_s1.pdf)

Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. “New York city panel on climate change 2015 report. Chapter 1: climate observations and projections”. Ann. N.Y. Acad. Sci. 1336: 18–35.

Keim, B.D. 1997. Preliminary Analysis of the Temporal Patterns of Heavy Rainfall Across the

National Aeronautics and Space Administration (NASA). 2005. “The Impact of Climate Change on Natural Disasters.” Earth Observatory. On-Line Address:  
[http://earthobservatory.nasa.gov/Features/RisingCost/rising\\_cost5.php](http://earthobservatory.nasa.gov/Features/RisingCost/rising_cost5.php)

National Severe Storms Laboratory (NSSL). 2013. “Severe Thunderstorm Climatology.” National Oceanic & Atmospheric Administration. March 29. On-Line Address:  
<http://www.nssl.noaa.gov/projects/hazard/index.html>

National Weather Service (NWS). 2009. “Thunderstorm.” On-Line Address:  
<http://w1.weather.gov/glossary/index.php?word=thunderstorm>

National Weather Service (NWS). 2010. “Hail Awareness.” On-Line Address:  
<http://www.weather.gov/cae/hail.html>

National Weather Service (NWS). 2010b. “Hazardous Weather Outlooks, Watches, Warnings and Advisories.” National Oceanic & Atmospheric Administration (NOAA). May 9. Accessed 2018. On-Line Address:  
[http://www.erh.noaa.gov/okx/wwa\\_definitions\\_new.html](http://www.erh.noaa.gov/okx/wwa_definitions_new.html)



- National Weather Service (NWS). 2010c. "Hail Awareness." On-Line Address:  
<http://www.weather.gov/cae/hail.html>
- National Weather Service (NWS). 2018. "Explanation of EF Scale Ratings."  
[https://www.weather.gov/hun/efscale\\_explanation](https://www.weather.gov/hun/efscale_explanation)
- National Oceanographic and Atmospheric Administration (NOAA). 2011. "Tornadoes 101."  
<https://www.noaa.gov/stories/tornadoes-101>
- National Oceanographic and Atmospheric Administration (NOAA) Storm Prediction Center (SPC). 2017. "SPC Products." <https://www.spc.noaa.gov/misc/about.html>
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address:  
<https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York State Division of Homeland Security and Emergency Services (NYS DHSES). 2011. "2011 New York State Standard Multi-Hazard Mitigation Plan."
- New York State Division of Homeland Security and Emergency Services (NYS DHSES). 2014. "2014 New York State Standard Multi-Hazard Mitigation Plan."
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address:  
<https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address:  
<https://www.nyserdera.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- Trapp et. al. 2007. "Changes in severe thunderstorm environment frequency during the 21st century caused by anthropogenically enhanced global radiative forcing". On-line address:  
<https://www.pnas.org/content/104/50/19719>
- Weather Underground. 2020. "Prepare for Lightning." Online address:  
<https://www.wunderground.com/prepare/lightning>

---

#### Section 5.4.14: Severe Winter Storm

---

- Changnon & Karl. 2003. "Temporal and Spatial Variations of Freezing Rain in the Contiguous United States: 1948–2000". *Journal of Applied Meteorology*, Vol. 42, pp. 1302–1315.
- Changnon. 2004. "Climate Atlas: Freezing Rain and Ice Storms".



- Cornell University College of Agriculture and Life Sciences. New York's Changing Climate. 2011. Online address: [http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny\\_changing\\_climate.pdf](http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf)
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- National Oceanic and Atmospheric Administration (NOAA). NCDC. Date unknown. "Regional Snowfall Index (RSI)." On-Line Address: <http://www.ncdc.noaa.gov/snow-and-ice/rsi/>
- National Weather Service (NWS). 2009. "National Weather Service Glossary." June 25. On-Line Address: <http://w1.weather.gov/glossary/>
- National Weather Service (NWS). 2010. "Hazardous Weather Outlooks, Watches, Warnings and Advisories." National Oceanic & Atmospheric Administration (NOAA). May 9. Accessed 2015. On-Line Address: [http://www.erh.noaa.gov/okx/wwa\\_definitions\\_new.html](http://www.erh.noaa.gov/okx/wwa_definitions_new.html)
- National Weather Service (NWS). 2013. "Winter Weather Forecasting." January. Accessed 2015. On-Line Address: <http://www.weather.gov/media/abr/Skyscanner/2013/20130101.pdf>
- New York City Panel on Climate Change. 2009. "New York City Panel on Climate Change 2009 Report". Online address: <https://blogs.ei.columbia.edu/2019/03/15/npcc-report-2019-climate-change-nyc/>
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- New York State Division of Homeland Security and Emergency Services (NYS DHSES). 2014. "2014 New York State Standard Multi-Hazard Mitigation Plan."
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address: <https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- The Weather Channel. 2012. "Weather Glossary". Online address: <http://www.weather.com/glossary/h.html>





### Section 5.4.15: Shallow Groundwater Flooding

---

- Busciolano, R., 2002, Water-Table and Potentiometric-Surface Altitudes of the Upper Glacial, Magothy, and Lloyd Aquifers on Long Island, New York, in March-April 2000, with a Summary of Hydrogeologic Conditions: U.S. Geological Survey Water-Resources Investigations Report 01-4165, 17 p., 6 plates. Online address: <http://ny.water.usgs.gov/pubs/wri/wri014165/>
- Busciolano, R.J., 2005, Statistical Analysis of Long-Term Hydrologic Records for Selection of Drought-Monitoring Sites on Long Island, New York: U.S. Geological Survey Scientific Investigations Report 2004-5152, 47 p., online only. Online address: <http://ny.water.usgs.gov/pubs/wri/sir045152/>
- Ehmann, Edward L. (Superintendent of Smithtown Central School District). September 12, 2007. Letter to Mr. Joseph F. Willams, Commissioner of Suffolk County Fire, Rescue and Emergency Services Re: Groundwater Flooding Conditions.
- Federal Interagency Floodplain Management Task Force. "Floodplain Management in the United States: An Assessment Report. FIA-18". 1992.
- Federal Emergency Management Agency (FEMA). Multi-Hazard Identification and Risk Assessment (MHIRA). January 1997. Accessed 2013. Online address: <http://www.fema.gov/library/viewRecord.do?id=2214>
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- Harris, T. "How Floods Work". Howstuffworks.com. 7 June 2001. Accessed 2012. Online address: <http://science.howstuffworks.com/nature/natural-disasters/flood.htm>
- Horton, R., D. Bader, Y. Kushnir, C. Little, R. Blake & C. Rosenzweig. 2015. "New York city panel on climate change 2015 report. Chapter 1: climate observations and projections". Ann. N.Y. Acad. Sci. 1336: 18–35.
- Hunt, Edward J. Times Beacon Record. "Veteran School Leader Tackles Tough Dilemmas." December 27, 2007. Accessed 2013. Online address: [http://www.northshoreoflongisland.com/Articles-i-2007-12-27-68699.112114\\_Veteran\\_school\\_leader\\_tackles\\_tough\\_dilemmas.html](http://www.northshoreoflongisland.com/Articles-i-2007-12-27-68699.112114_Veteran_school_leader_tackles_tough_dilemmas.html)
- H2M Corporation. "Drainage Improvements including Groundwater Relief. Phase I – Feasibility Study". March 1980.
- New York State Disaster Preparedness Commission (NYS DPC). 2005. New York State Comprehensive Emergency Management Plan (CEMP). Volume 1: New York State Standard Multi-Hazard Mitigation Plan. New York State Emergency Management Office (NY SEMO). Approved by FEMA January 2005. Online address: <http://www.semo.state.ny.us/programs/planning/CEMP.cfm>
- Newsday. Newsday.Com. 2007. <<http://www.newsday.com>>.
- New York City Panel on Climate Change (NPCC). 2015. "New York City Panel on Climate Change 2015 Report Executive Summary." Online address: <https://nyaspubs.onlinelibrary.wiley.com/doi/full/10.1111/nyas.12591>
- Schumer. 2013. "Over 900 Homes Affected by Nissequogue River's Recurring Flooding Problem." Online address: <https://www.longisland.com/news/12-20-13/schumer-over-900-homes-affected-by-nissequogue-rivers-recurring-flooding-problem.html>



- Suffolk County Government. 1986. "Lake Ronkonkoma Clean Lakes Study – 1986". Accessed 2013. Online address: <http://www.nesconsetcivic.com/Lake%20Ronkonkoma%20Clean%20Lakes%20Study%20-%201986.pdf>
- U.S. Geological Survey (USGS). 1993. "What is groundwater." Online address: <https://pubs.er.usgs.gov/publication/ofr93643>
- U.S. Geological Survey (USGS). 2020. "Long Island Groundwater." Online address: [https://www.usgs.gov/centers/ny-water/science/long-island-groundwater?qt-science\\_center\\_objects=0#qt-science\\_center\\_objects](https://www.usgs.gov/centers/ny-water/science/long-island-groundwater?qt-science_center_objects=0#qt-science_center_objects)
- U.S. Geological Survey (USGS) Long Island Depth to Water Viewer. 2020. "Long Island Depth to Water Viewer." Online address: <https://ny.water.usgs.gov/maps/li-dtw/>
- University of Hawaii School of Ocean and Earth Science and Technology (SOEST). "Previous Predictions Of Groundwater Flooding Doubles With Future Sea Level Rise". November 12, 2012.

### Section 5.4.16: Wildfire

---

- Brookhaven National Laboratory. Environmental and Waste Management Services Division. 2003. Wildland Fire Management Plan for Brookhaven National Laboratory. Upton, New York. September.
- Burgan, R. et al. U.S. Forest Service (USFS). Wildland Fire Assessment System (WFAS). Fuel Models and Fire Potential from Satellite and Surface Observations. Last Modified 2000. Accessed 2012 Online address: <http://www.wfas.net/index.php/live-fuel-moisture-experimental-products-42/35-fpi-paper>
- Central Pine Barrens Wildfire Task Force. Central Pine Barrens Fire Management Plan. Apr. 1999. Online address: [http://www.pb.state.ny.us/fire\\_plan/final\\_plan\\_chapter\\_3.htm](http://www.pb.state.ny.us/fire_plan/final_plan_chapter_3.htm)
- Federal Emergency Management Agency (FEMA). 1997. Multi-Hazard Identification and Risk Assessment (MHIRA). January. On-Line Address: <http://www.fema.gov/media-library/assets/documents/7251>
- Federal Emergency Management Agency (FEMA). 2020. "Data Visualization: Disaster Declarations for States and Counties". Online address: <https://www.fema.gov/data-visualization-disaster-declarations-states-and-counties>
- GeoMAC 2020. "GeoMAC Wildland Fire Support." Online address: <https://www.geomac.gov/viewer/viewer.shtml>
- Kurtz, Brian (Long Island Chapter of The Nature Conservancy). "Additional Hazards?" E-mail to Alison Miskiman. February 15, 2007.
- Lee. National Geographic. 2014. Climate Change May Spark More Lightning Strikes, Igniting Wildfires. <https://news.nationalgeographic.com/news/2014/11/141113-climate-change-lightning-atmosphere-science/>
- Martinuzzi, S. et al. 2015. "The 2010 Wildland-Urban Interface of the Conterminous United States." Accessed 2016. On-Line Address: <https://www.nrs.fs.fed.us/pubs/48642>
- The Nature Conservancy (TNC), Eastern Heritage Task Force, Windisch, Andrew. 1994. A Preliminary Wildfire History for the Long Island Central Pine Barrens. September 30.



- New York State Department of Environmental Conservation (NYSDEC). 2020. "Wildfire in New York State." Online address: <http://www.dec.ny.gov/lands/42378.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020b. "Map of Wildland Fire Protection Areas." Online address: <https://www.dec.ny.gov/lands/68331.html>
- New York State Department of Environmental Conservation (NYSDEC). 2020c. "Fire Danger Map." Online address: <http://www.dec.ny.gov/lands/68329.html>
- New York State Department of Homeland Security and Emergency Services. 2014. New York State 2014 Hazard Mitigation Plan.
- New York State Department of Homeland Security and Emergency Services. 2019. New York State 2019 Hazard Mitigation Plan. On-Line Address: <https://mitigateny.availabs.org/hazards/wildfire>
- New York State Energy Research and Development Authority. 2011. "Responding to Climate Change in New York State." Online address: <https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- New York State Energy Research and Development Authority. 2014. "Climate Change in New York State Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State)." Online address: <https://www.nyserderda.ny.gov/About/Publications/Research%20and%20Development%20Technical%20Reports/Environmental%20Research%20and%20Development%20Technical%20Reports/Response%20to%20Climate%20Change%20in%20New%20York>
- Northern Virginia Regional Commission (NVRC). Northern Virginia Regional Hazard Mitigation Plan. March 2006. Accessed 2012 < <http://www.novaregion.org/index.aspx?NID=661>>.
- Stewart, S. et al. U.S. Forest Service (USFA). The Wildland-Urban Interface in the United States. 2006. Accessed 2012. Online address: [http://www.nrs.fs.fed.us/pubs/gtr/gtr\\_nrs1/stewart\\_1\\_197.pdf](http://www.nrs.fs.fed.us/pubs/gtr/gtr_nrs1/stewart_1_197.pdf)
- U.S. Department of Agriculture. 2012. Effects of Climatic Variability and Change on Forest Ecosystems: A Comprehensive Science Synthesis for the U.S. Forest Sector. December. Accessed 2014. On-Line Address: [http://www.usda.gov/oce/climate\\_change/effects\\_2012/FS\\_Climate1114%20opt.pdf](http://www.usda.gov/oce/climate_change/effects_2012/FS_Climate1114%20opt.pdf)
- U.S. Environmental Protection Agency (USEPA). Extreme Events: Abrupt Climate Change. Last Modified 8 Sept. 2009. Online address: <http://www.epa.gov/climatechange/effects/extreme.html>
- U.S. Fire Administration (USFA). "State Fire Death Rates and Relative Risk". May 9, 2013. Accessed 2013. Online address: <http://www.usfa.fema.gov/statistics/estimates/states.shtm>
- U.S. Forest Services. 2016. On-Line Address: <http://www.fs.fed.us/>
- U.S. Forest Service (USFS). Wildland Fire Assessment System (WFAS). Fire Danger Rating. Date Unknown. Accessed 2013. Online address: <http://www.wfas.net/index.php/fire-danger-rating-fire-potential--danger-32>
- U.S. Geological Survey (USGS). Fact Sheet 2006-3066: USGS Fire Science: Fire Danger Monitoring



and Forecasting. March 2005. Accessed 2012. Online address: <http://pubs.usgs.gov/fs/2005/3066/FS-2005-3066.pdf>

## Section 6: Mitigation Strategies

---

Cornell University College of Agriculture and Life Sciences. New York's Changing Climate. 2011. Online address:

[http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny\\_changing\\_climate.pdf](http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf)

Federal Emergency Management Agency (FEMA). Floodplain Management – Principles and Current Practices. 2008. Accessed 2012. Online address: <http://training.fema.gov/EMIWeb/edu/fmcp.asp>

Federal Emergency Management Agency (FEMA). 2017. “National Flood Insurance Program Community Rating System Coordinator’s Manual FIA-15/2017.” Online address: [https://www.fema.gov/media-library-data/1493905477815-d794671adeed5beab6a6304d8ba0b207/633300\\_2017\\_CRS\\_Coordinators\\_Manual\\_508.pdf](https://www.fema.gov/media-library-data/1493905477815-d794671adeed5beab6a6304d8ba0b207/633300_2017_CRS_Coordinators_Manual_508.pdf)

New York State Department of Environmental Conservation (NYSDEC). 2007. “Floodplain Construction Requirements in New York State.” Online address: [http://www.dec.ny.gov/docs/water\\_pdf/floodplainconstruction.pdf](http://www.dec.ny.gov/docs/water_pdf/floodplainconstruction.pdf)

New York State Department of Environmental Conservation (NYSDEC). 2015. “New York State Stormwater Management Design Manual.” Online address: <https://www.dec.ny.gov/chemical/29072.html>

New York State Department of Environmental Conservation (NYSDEC). Division of Water. Date Unknown. “Water.” Accessed 2020. Online address: <https://www.dec.ny.gov/chemical/290.html#Bureaus>

New York State Department of Environmental Conservation (NYSDEC). Region 1. Date Unknown. “DEC Statewide Offices.” Accessed 2020. Online address: <https://www.dec.ny.gov/about/558.html#region1>

New York State Department of State, Office of Planning & Development. No date. “Local Waterfront Revitalization Program.” Accessed 2020. Online address: <https://www.dos.ny.gov/opd/programs/lwrp.html>

Northeast Regional Climate Center. 2020. “Northeast Regional Climate Center.” Online address: <http://www.nrcc.cornell.edu/>

Peconic Land Trust. No date. “What We Do.” Online address: <https://peconiclandtrust.org/our-work>

U.S. Army Corps of Engineers. 2020. “Regional General Permits.” Online address: <https://www.nan.usace.army.mil/Missions/Regulatory/Regional-General-Permits/>

U.S. Army Corps of Engineers. 2020b. “Regulatory Boundaries.” Online address: <https://www.nan.usace.army.mil/Missions/Regulatory/Boundaries/>