



References

- Andersen, G. et al. 2004. "Retreating Glaciers Spur Alaskan Earthquakes." *NASA*. August 2. Accessed 2018. On-Line Address: https://www.nasa.gov/home/hqnews/2004/jul/HQ_04252_glaciers.html
- City of Syracuse Department of Water. 2017. "2017 Syracuse Water Newsletter". On-line address: <http://www.syracuse.ny.us/pdfs/Water/WaterNewsletter.pdf>
- Climate Central. Extreme Weather and Climate Change: The Public Gets It. 2013. Accessed 2018 <<http://www.climatecentral.org/blogs/survey-says-connecting-extreme-weather-climate-change>>.
- CNYCentral.com. June 23, 2010. "Earthquake in Canada rattles upstate New York." Accessed 2018. On-Line Address: <http://cnycentral.com/news/local/earthquake-in-canada-rattles-upstate-new-york?id=473971>
- CNYCentral.com. August 23, 2011. "Earthquake rattles Syracuse, upstate New York, and Canada." Accessed 2018. On-Line Address: <http://cnycentral.com/news/local/earthquake-rattles-syracuse-upstate-new-york-and-canada>
- CNYCentral.com. May 17, 2013. "Central New Yorkers feel tremors from Virginia earthquake." Accessed 2018. On-Line Address: <http://cnycentral.com/news/local/central-new-yorkers-feel-tremors-from-virginia-earthquake?id=654852#.UZY9M0pvZ8E>
- Centers for Disease Control and Prevention (CDC). 2015. "Planning for an Emergency: Strategies for Identifying and Engage At-Risk Groups. A guidance document for Emergency Managers." Accessed 2018. <<https://www.cdc.gov/nceh/hsb/disaster/atriskguidance.pdf>>.
- Cornell University College of Agriculture and Life Sciences. New York's Changing Climate. 2011. Accessed 2018 <http://files.campus.edublogs.org/blogs.cornell.edu/dist/8/90/files/2011/03/ny_changing_climate.pdf>
- Dinicola, K. 2009. U.S. Geological Survey (USGS). The "100-Year Flood." 2009. On-Line Address: <http://pubs.usgs.gov/fs/FS-229-96/>.
- Disaster Preparedness Course. 2017. "Saffir-Simpson Hurricane Wind Scale." Accessed 2018. On-Line Address: <http://disasterpreparednesscourse.com/disaster-hazards/cyclones-tropical/saffir-simpson-hurricane-wind-scale/>
- Federal Emergency Management Agency (FEMA). No date. "Section I: Understanding the Hazards" Accessed 2018. On-Line Address: https://www.fema.gov/pdf/library/ism2_s1.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). 1997. Windstorms. In: Multi-hazard identification and risk assessment. FEMA, Washington, DC, pp 49–56
- Federal Emergency Management Agency (FEMA). 2001. "Defining an Earthquake." Accessed 2018. On-Line Address: http://www.fema.gov/media-library-data/20130726-1504-20490-4864/fema_159_units.pdf
- 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



- 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). 2015. "Dam Safety." Accessed 2018. On-Line Address: <https://www.fema.gov/dam-safety>
- Federal Emergency Management Agency (FEMA). 2018. "Disaster Declarations." On-Line Address: <http://www.fema.gov/disasters>
- Federal Emergency Management Agency (FEMA). 2018a. "Why Dams Fail." On-Line Address: <https://www.fema.gov/why-dams-fail>
- Federal Emergency Management Agency (FEMA). 2016. "National Earthquake Hazards Reduction Program." Accessed 2018. On-Line Address: <https://training.fema.gov/emiweb/earthquake/index.htm>
- Freeman et al. 2004. "Using the Earthquake Engineering Intensity Scale to Improve Urban Area Earthquake Emergency Response." On-Line Address: ftp://ftp.ecn.purdue.edu/ayhan/Aditya/Papers/2006%20NCEE%20radA48B5_Using%20the%20EERI%20to%20improve%20urban%20area%20earthquake%20emergency%20response_resubmitted%20on%201012006.pdf
- Geological Hazards Program. Geological Survey of Alabama. Landslides. Date Unknown. Accessed 2018 <<http://www.gsa.state.al.us/gsa/geologichazards/landslides/index.html>>.
- George Washington University. 2001. "Institute for Crisis, Disaster and Risk Management Web Newsletter." December.
- Harris, T. 2008. "How Floods Work." On-Line Address: <http://science.howstuffworks.com/flood.htm>
- Jäger, S. and Wiczorek G.F. USGS Open-File-Report 94-615: Landslide Susceptibility in the Tully Valley Area, Finger Lakes Region, New York (On-line version). Last Modified 5 Feb. 2001. Accessed 2018 <<http://pubs.usgs.gov/of/1994/ofr-94-0615/tvstudy.htm>>.
- Joseph P. Stopen Engineering Partnership. 2005. Engineering Feasibility Study for Stabilizing Slope Behind 8181 Bluffview Manlius New York. 15 December.
- Kappel, W.M., Sherwood, D.A., and Johnston, W.H. U.S. Geological Survey (USGS). Water-Resources Investigations Report 96-4043: Hydrogeology of The Tully Valley and Characterization of Mudboil Activity, Onondaga County, New York. Ithaca, New York. 1996. Accessed 2018 <<http://ny.water.usgs.gov/pubs/wri/wri964043/WRIR96-4043.pdf>>.
- Kappel, W.M. and McPherson, W.S. U.S. Geological Survey (USGS). Fact Sheet 143-97: Remediation of Mudboil Discharges in the Tully Valley of Central New York. Jan. 1998. Accessed 2018 <<http://ny.water.usgs.gov/pubs/fs/fs14397/FS143-97.pdf>>.
- Keim, B.D. 1997. Preliminary Analysis of the Temporal Patterns of Heavy Rainfall across the Southeastern United States. *Professional Geographer*, 49(1):94104.
- Lamont-Doherty Cooperative Seismographic Network (LCSN). 2014. "Lamont-Doherty Cooperative Seismographic Network." Accessed 2018. On-Line Address: <http://www.ldeo.columbia.edu/LCSN/Station/station.php>



- Leake, S.A. U.S. Geological Survey (USGS). Land Subsidence from Ground-Water Pumping. Last Modified 6 Jan. 2004. Accessed July 2008
<<http://geochange.er.usgs.gov/sw/changes/anthropogenic/subside/>>.
- LG Sonic. 2015. "American Water Case Study, Drinking Water Reservoir, Short Hills NJ, United States of America".
- Michigan Tech University. n.d. "Earthquake Magnitude Scale." On-Line Address:
<http://www.geo.mtu.edu/UPSeis/magnitude.html>
- Michigan Tech University. n.d. "Modified Mercalli Intensity Scale." On-Line Address:
<http://www.geo.mtu.edu/UPSeis/Mercalli.html>
- Midwestern Regional Climate Center (MRCC). "Ice Storms". 2016. Accessed 2018 <
- National Oceanic and Atmospheric Administration – Storm Prediction Center (NOAA SPC). 2016. "Severe Weather Database Files (1950-2018)." March. Accessed 2018. On-Line Address:
<http://www.spc.noaa.gov/wcm/#data>
- National Oceanic and Atmospheric Administration (NOAA). 2018. National Climatic Data Center (NCDC). "Storm Events Database." Accessed 2018. On-Line Address:
<http://www.ncdc.noaa.gov/stormevents/>
- National Oceanic and Atmospheric Administration (NOAA). 2013. "Ice Jams." March 13. On-Line Address:
http://www.floodsafety.noaa.gov/ice_jam.shtml
- National Oceanic and Atmospheric Administration (NOAA). 2015. "Regional Snowfall Index (RSI)." Accessed 2015. On-Line Address: <https://www.ncdc.noaa.gov/snow-and-ice/rsi/>
- National Oceanic and Atmospheric Administration (NOAA). 2016. "Storm Prediction Center WCM Page." Accessed 2018. On-Line Address: <http://www.spc.noaa.gov/wcm/>
- National Performance of Dams Program (NPDP). 2018. "NPDP Database." Accessed 2018. On-Line Address:
https://npdp.stanford.edu/data_library
- National Research Council Commission on Engineering and Technical Systems. Mitigating Losses from Land Subsidence in the United States. Washington, D.C.: National Academy Press, 1991. Accessed 2018
<http://www.nap.edu/catalog.php?record_id=1796#toc>.
- 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 Severe Storms Laboratory (NSSL). 2015. "Severe Weather 101 – Winter Weather Basics." Accessed 2015. On-Line Address: <https://www.nssl.noaa.gov/education/svrwx101/winter/types/>
- National Snow and Ice Data Center. 2013. "Introduction to Snow." On-Line Address:
<http://nsidc.org/cryosphere/snow/index.html>
- National Weather Service (NWS). 2008. "Ice Storm." On-Line Address:
<http://w1.weather.gov/glossary/index.php?word=ice+storm>



- National Weather Service (NWS). 2009. "Flash Flood." On-Line Address:
<http://w1.weather.gov/glossary/index.php?word=flash+flood>
- National Weather Service (NWS). 2009d. "Thunderstorm." On-Line Address:
<http://w1.weather.gov/glossary/index.php?word=thunderstorm>
- National Weather Service (NWS). 2010a. "Average Number of Thunderstorm Days in the U.S." On-Line Address: http://www.srh.noaa.gov/jetstream/tstorms/tstorms_intro.htm
- National Weather Service (NWS). 2010b. "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
- National Weather Service (NWS). 2010c. "Hail Awareness." On-Line Address:
<http://www.weather.gov/cae/hail.html>
- National Weather Service (NWS). 2011. "Flood Safety." On-Line Address:
http://www.erh.noaa.gov/car/WCM/Awareness_Campaigns_files/flood_part_1.htm
- National Weather Service (NWS). 2011a. "Explanation of EF-Scale Ratings." Accessed 2018. On-Line Address: https://www.weather.gov/hun/efscale_explanation
- National Weather Service (NWS). 2013. "Winter Weather Forecasting." January. Accessed 2015. On-Line Address: <http://www.weather.gov/media/abr/Skyscanner/2013/20130101.pdf>
- National Weather Service (NWS). 2013b. "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
- National Weather Service (NWS). 2015. "Natural hazard Statistics." National Oceanic & Atmospheric Administration. June 10. Accessed 2015. On-Line Address:
<http://www.nws.noaa.gov/om/hazstats.shtml>
- National Weather Service (NWS). 2018. "Winter Weather." On-Line Address:
<https://www.weather.gov/aly/preparednessWinter>
- National Weather Service (NWS). 2017. "Storm Prediction Center Products." Accessed 2018. On-Line Address: <http://www.spc.noaa.gov/misc/about.html>
- New York City Area Consortium For Earthquake Loss Mitigation (NYCEM). 2003. Earthquake Risks and Mitigation in the New York, New Jersey, Connecticut Region. On-Line Address:
<https://mceer.buffalo.edu/infoservice/disasters/earthquake-risks-new-york.pdf>
- New York State Department of Environmental Conservation (NYSDEC). The Oswego River Finger Lakes Basin Waterbody Inventory and Priority Waterbodies List. Dec. 2007. Accessed May 2008
<<http://fli.hws.edu/pdf/pwlorf107.pdf>>.
- New York State Department of Environmental Conservation (NYSDEC). 2009. "Part 673 Dam Safety Regulations." Accessed 2018. On-Line Address:
[https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I06198200b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=\(sc.Default\)](https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I06198200b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=(sc.Default))



- New York State Department of Environmental Conservation (NYSDEC). Impacts of Climate Change in New York. Date Unknown. Accessed 2018 < <http://www.dec.ny.gov/energy/94702.html> >.
- New York State Disaster Preparedness Commission (NYSDPC). New York State Emergency Management Office (NYSEMO). Draft New York State Comprehensive Emergency Management Plan (Volume 1). New York State Standard Multi-Hazard Mitigation Plan. Accessed 2018 <<http://www.semo.state.ny.us/programs/planning/hazmitplan.cfm>>.
- New York State Division of Homeland Security and Emergency Services (NYSDHSES). 2014. *NYS Standard Multi-Hazard Mitigation Plan*. On-Line Address: <http://www.dhSES.ny.gov/oem/mitigation/plan.cfm>
- New York State Energy Research and Development Authority (NYSERDA). 2011. Responding to Climate Change in New York State – Synthesis Report. Accessed 2018. On-Line Address: <https://www.nyserda.ny.gov/climaid>
- 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 NYSEDA Report 11-18 (Responding to Climate Change in New York State). Accessed 2018. On-Line Address: <https://www.nyserda.ny.gov/-/media/Files/Publications/Research/Environmental/ClimAID/2014-ClimAid-Report.pdf>
- New York State Museum. 2016. “Geographic Information System”. Accessed 2018. On-Line Address: <http://www.nysm.nysed.gov/research-collections/geology/gis>
- Onondaga County. 2012. “Onondaga County Climate Action Plan.” April. Accessed 2019. On-Line Address: <http://www.ongov.net/environment/documents/CAP2012.pdf>
- Onondaga County Department of Emergency Management. 2003. “Comprehensive Emergency Management Plan.” December. Accessed January 2019. On-Line Address:
- Onondaga County Water Authority. “Sources of Water.” N.d. Accessed January 2019. On-Line Address: <https://www.ocwa.org/about/sources-of-water/>
- Onondaga Environmental Institute. “The History of Onondaga Creek Channelization.” 2008. Accessed July 2008 <<http://www.esf.edu/onondagacreek/history/Channelization%20Poster2.pdf>>.
- Onondaga Environmental Institute. “Geography: Onondaga Creek Fact Sheet. Date Unknown.” Accessed 2018 http://www.onodaganation.org/mediafiles/pdfs/onondaga_watershed.pdf
- Onondaga Lake Partnership (OLP). Reflections: Volume II Issue 5. Summer 2006. Accessed May 2008 <<http://www.onlakepartners.org/ppdf/p1501bp.pdf>>.
- Organization of American States (OAS). Primer on Natural Hazard Management in Integrated Regional Development Planning - Chapter 10: Landslide Hazard Assessment. 1991. Accessed 2018 <<http://www.oas.org/dsd/publications/Unit/oea66e/begin.htm#Contents> or <http://www.oas.org/dsd/publications/Unit/oea66e/ch10.htm>>.
- Ourlake Systems Description: Onondaga Creek. 1 Jul. 2008. Accessed 2018 < <http://upstatefreshwater.org/NRT-Data/nrt-data.html> >
- Pair, D.L., Kappel, W.M., and Walker, M.S. U.S. Geological Survey (USGS). Fact Sheet 190-99: History of Landslides at the Base of Bare Mountain, Tully Valley, Onondaga County, New York. June 2000. Accessed 2018 <<http://ny.water.usgs.gov/pubs/fs/fs19099/FS190-99.pdf>>.
- Robinson, D. 2013. “Encroaching Drought? November and Fall 2013 Summary.” Center for Environmental Prediction. School of Environmental and Biological Sciences. Rutgers University. December 1.



- Rosenstiel School of Marine & Atmospheric Science. 2005. "Katabatic Winds." University of Miami. December 1. On-Line Address: <http://www.rsmas.miami.edu/personal/milicak/katabatic/node3.html>
- Shedlock, K. and Pakiser, L. 1995. "Earthquakes." United States Geological Survey. On-Line Address: <http://pubs.usgs.gov/gip/earthq1/>
- Shortle, J. et al. Environment and Natural Resources Institute The Pennsylvania State University. Pennsylvania Climate Impact Assessment Update. 2015. Accessed 2018 < <http://www.dep.pa.gov/Business/Air/BAQ/ClimateChange/Pages/default.aspx> >
- Storm Prediction Center (SPC). NOAA. 2016. "Severe Weather Event Summaries." Accessed 2018. On-Line Address: <http://www.spc.noaa.gov/climo/online/>
- Syracuse Metropolitan Transportation Council. 2015. "2050 Long Range Transportation Plan." September. Accessed 2018. On-Line Address: http://www.smtcmpto.org/LRTP2050/docs/LRTP2050/2050_LRTP_complete.pdf
- Syracuse-Onondaga County Planning Agency. Onondaga County Multi-Jurisdictional Hazard Mitigation Plan. (HMP). 2013. On-Line Address: <http://www.ongov.net/planning/haz/docs.html>
- Tamulonis, K.L. Landslides in Tully Valley, New York: Present Conditions and Historic Assessment Using Dendrochronology. Cornell University. Mar. 2007. Accessed 2018 <http://gsa.confex.com/gsa/2007NE/finalprogram/abstract_117786.htm>/.
- 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 2018 <<http://nycem.org/techdocs/FinalReport/03-SP02p.pdf>>. The Illinois Association for Floodplain and Stormwater Management. 2006. Section 1 Natural Aspects of Flooding: Part 1 Flooding and Floodplain Management. Mar. On-Line Address: http://www.illinoisfloods.org/documents/home_study_course/1%20Natural%20Aspects%20of%20Flooding.pdf.
- The Weather Channel. 2012. "Blizzards." Accessed 2018. On-Line Address: <http://www.weather.com/encyclopedia/winter/blizzard.html>
- U.S. Army Corps of Engineers (USACE). 2018. "Ice Jam Database". Accessed 2018. On-Line Address: <https://rsgisias.crrel.usace.army.mil/apex/f?p=524:1:>
- U.S. Geological Survey (USGS), n.d. "ANSS – Advanced National Seismic System." Accessed 2018. On-Line Address: <https://earthquake.usgs.gov/monitoring/anss/>
- U.S. Geological Survey (USGS). Programs in New York. 16 May 1996. Accessed 2018 <<http://water.usgs.gov/wid/html/ny.html#HDR4>>.
- U.S. Geological Survey (USGS). 2000. "Land Subsidence in the United States." USGS Fact Sheet-165-00, December 2000. On-Line Address: <https://water.usgs.gov/ogw/pubs/fs00165/>
- U.S. Geological Survey (USGS). Fact Sheet 2005-3156: Landslide Hazards - A National Threat. Dec. 2005. Accessed 2018 <<http://pubs.usgs.gov/fs/2005/3156/>>.
- U.S. Geological Survey (USGS). "About Us". December 18, 2013. Accessed 2018. <<http://landslides.usgs.gov/aboutus/>>.
- U.S. Geological Survey (USGS). "Landslide Preparedness". December 18, 2013. Accessed 2018. <<http://landslides.usgs.gov/learn/prepare.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- Richter scale." On-Line Address: <http://earthquake.usgs.gov/learn/glossary/?term=Richter%20scale>.
- U.S. Geological Survey (USGS). 2012c. "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 2018. On-Line Address: <http://earthquake.usgs.gov/hazards/hazmaps/conterminous/index.php#2014>
- U.S. Geological Survey (USGS). 2016c. "The Modified Mercalli Intensity Scale." Accessed 2018. On-Line Address: <https://earthquake.usgs.gov/learn/topics/mercalli.php>
- U.S. Geological Survey (USGS). 2018d. "Search Earthquake Catalog." Accessed 2018. On-Line Address: <https://earthquake.usgs.gov/earthquakes/search/>
- Wieczorek, G.F., Negussey, D. and Kappel, W.M., U.S. Geological Survey (USGS). Fact Sheet 013-98: Landslide Hazards in Glacial Lake Clays - Tully Valley, New York April 1998. Last Modified 3 Feb. 1999. Accessed 2018 <<http://pubs.usgs.gov/fs/fs13-98/>>.