

APPENDIX A - BIBLIOGRAPHY

Bibliography

- Association of State Dam Safety Officials. Dam Safety 101. 2013. Accessed 2018. <<http://www.damsafety.org/>>.
- Barry-Eaton District Health Department. Community Health. 2018. Accessed 2018. <<https://www.barryeatonhealth.org/community-health>>.
- Berg, T.M. et al. 2001. Pennsylvania Bedrock Geology Digital Maps. Pennsylvania Bureau of Topographic and Geologic Survey (PBTGS). Harrisburg, PA.
- Centers for Disease Control and Prevention (CDC). Surveillance and Control of *Aedes aegypti* and *Aedes albopictus* in the United States. September 2017. Accessed 2018. <<https://www.cdc.gov/chikungunya/pdfs/Surveillance-and-Control-of-Aedes-aegypti-and-Aedes-albopictus-US.pdf>>.
- Centers for Disease Control and Prevention (CDC). Principles of Epidemiology in Public Health Practice, Third Edition An Introduction to Applied Epidemiology and Biostatistics. November 2011. Accessed 2018. <<http://www.cdc.gov/opphss/csels/dsepd/ss1978/index.html>>.
- Centers for Disease Control and Prevention (CDC). Drug Overdose Death Data. Last Modified 19 December 2017. Accessed 2018. <<https://www.cdc.gov/drugoverdose/data/statedeaths.html>>.
- Centers for Disease Control and Prevention (CDC). Ebola (Ebola Virus Disease) - Outbreaks. Last Modified 16 December 2014. Accessed 2018. <<https://www.cdc.gov/vhf/ebola/outbreaks/2014-west-africa/united-states-imported-case.html>>.
- Centers for Disease Control and Prevention (CDC). Ebola (Ebola Virus Disease). Last Modified 13 June 2017. Accessed 2018. <<https://www.cdc.gov/vhf/ebola/>>.
- Centers for Disease Control and Prevention (CDC). Emergency Preparedness and Response - Extreme Cold: A Prevention Guide to Promote Your Personal Health and Safety. Accessed March 2018. <<http://www.bt.cdc.gov/disasters/winter/guide.asp#def>>.
- Centers for Disease Control and Prevention (CDC). Emergency Preparedness and Response - Extreme Heat: A Prevention Guide to Promote Your Personal Health and Safety. Accessed 2018. <http://www.bt.cdc.gov/disasters/extremeheat/heat_guide.asp>.
- Centers for Disease Control and Prevention (CDC). Goals of Community Measures. Date Unknown. Accessed 2018. <<http://www.cdc.gov/media/pdf/mitigation/slides.pdf>>.
- Centers for Disease Control and Prevention (CDC). H1N1 Flu. Last Modified 9 February 2010. Accessed 2018. <<http://www.cdc.gov/h1n1flu/qa.htm>>.
- Centers for Disease Control and Prevention (CDC). Influenza (Flu) Last Modified 6 April 2018. Accessed 2018. <<http://www.flu.gov/pandemic/about/index.html>>

-
- Centers for Disease Control and Prevention (CDC). Influenza (Flu). Last Modified 5 March 2018. Accessed 2018. <<http://www.cdc.gov/flu/pandemic-resources/>>.
- Centers for Disease Control and Prevention. Lyme Disease: What You Need to Know. Date Unknown. Accessed 2018. <<http://www.cdc.gov/lyme/resources/brochure/LymeDiseaseBrochure.pdf>>.
- Chazalnoël, M. et al. International Organization for Migration (IOM). Extreme Heat and Migration. 2017. Accessed 2018. <https://publications.iom.int/system/files/pdf/mecc_infosheet_heat_and_migration.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>>.
- Climate Prediction Center (CPC). National Weather Service (NWS). National Oceanic and Atmospheric Administration (NOAA). Climate Divisions with Counties. Last Modified 6 January 2005. Accessed 2018. <http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/regional_monitoring/CLIM_DIVS/states_counties_climate-divisions.shtml>.
- Climate Prediction Center (CPC). National Weather Service (NWS). National Oceanic and Atmospheric Administration (NOAA). Drought Monitoring. Last Modified 13 January 2015. Accessed 2018. <http://www.cpc.ncep.noaa.gov/products/monitoring_and_data/drought.shtml>.
- Connell, B. “The Measles Vaccine – Protection from the Measles Today and for Future Generations”. Medline. 11 February 2015. Accessed 2018. <<http://mkt.medline.com/advancing-blog/the-measles-vaccine/>>.
- County Planning Directors Association of Pennsylvania. One Water. 2016.
- Delaware River Basin Commission (DRBC). Water Management Advisory Committee. 2018. Accessed 2018. <http://www.state.nj.us/drbc/about/advisory/WMAC_committee.html>.
- Delaware Riverkeeper Network. “Tributaries”. 2018. Accessed 2018. <<http://www.delawariverkeeper.org/tributaries>>.
- Drug Enforcement Administration (DEA) Philadelphia Division. University of Pittsburgh. Analysis of Overdose Deaths in Pennsylvania, 2016. July 2017. Accessed 2018. <https://www.overdosefreepa.pitt.edu/wp-content/uploads/2017/07/DEA-Analysis-of-Overdose-Deaths-in-Pennsylvania-2016.pd_-1.pdf>.
- Earlham College. Ash trees and the Emerald Ash Borer. 2018. Accessed 2018. <<http://earlham.edu/sustainability/across-the-campus/emerald-ash-borer/>>.
- Exelon Generation. Facts About Safety and Emergency Planning: Limerick Generating Station. April 2011. Accessed 2018. <http://www.exeloncorp.com/assets/energy/powerplants/docs/Limerick/fact_safety_limerick.pdf>
-

-
- Extension. The Effect of Climate Change on Gypsy Moth. 29 June 2011. Accessed 2018. <<http://articles.extension.org/pages/58379/the-effect-of-climate-change-on-gypsy-moth>>.
- Extension Bulletin. Emerald Ash Borer and Your Woodland. September 2007. Accessed 2018. <<http://www.emeraldashborer.info/documents/E-2943.pdf>>.
- Federal Emergency Management Agency (FEMA). Base Flood. Last Modified 13 December 2017. Accessed 2018. <<https://www.fema.gov/base-flood>>.
- Federal Emergency Management Agency (FEMA). FEMA Benefit-Cost Analysis Re-engineering (BCAR). 2014. Accessed 2018. <<https://www.fema.gov/media-library/assets/documents/19083>>.
- Federal Emergency Management Agency (FEMA). Community Rating System. Last Modified 13 April 2012. Accessed 2012. <<http://www.fema.gov/business/nfip/crs.shtm>>.
- Federal Emergency Management Agency (FEMA). Declared Disasters by Year or State. 2018. Accessed 2018. <<http://www.fema.gov/news/disasters.fema>>.
- Federal Emergency Management Agency (FEMA). Digital Flood Insurance Rate Maps – Lehigh County. 2004.
- Federal Emergency Management Agency (FEMA). FEMA 426/BIPS-06, Reference Manual to Mitigate Potential Terrorist Attacks Against Buildings. Edition 2. October 2011.
- Federal Emergency Management Agency (FEMA). Flood Insurance Study for Lehigh County. 2004.
- Federal Emergency Management Agency (FEMA). Flood Insurance Study for Northampton County (Preliminary). 14 Dec. 2011.
- Federal Emergency Management Agency (FEMA). Flood Insurance Study for Northampton County. 16 July 2014.
- Federal Emergency Management Agency (FEMA). Floodplain Management – Principles and Current Practices. 2008. Accessed 2012. <<http://training.fema.gov/EMIWeb/edu/fmpcp.asp>>.
- Federal Emergency Management Agency (FEMA). Floodplain Management Requirements: A Study Guide and Desk Reference for Local Officials. 2005. Accessed 2018. <<https://www.fema.gov/media-library/assets/documents/6417#>>.
- Federal Emergency Management Agency (FEMA). Flood Zones. Last Modified 13 December 2017. Accessed 2018. <<https://www.fema.gov/flood-zones>>.
- Federal Emergency Management Agency (FEMA). Glossary. 2018. Accessed 2018. <https://floodmaps.fema.gov/tutorials/check-ras/0.3_glossary.shtml>.
- Federal Emergency Management Agency. Hazard Mitigation Assistance Guidance. February 2015.
-

-
- Federal Emergency Management Agency (FEMA). Hazards – U.S. Multi-Hazard (HAZUS-MH) Version 4.0
- Federal Emergency Management Agency (FEMA). How to Read a Flood Insurance Rate Map Tutorial. 2003.
- Federal Emergency Management Agency (FEMA). IS-00156 Building Design for Homeland Security for Continuity of Operations. 2004.
- Federal Emergency Management Agency (FEMA). Local Mitigation Planning Handbook. March 2013.
- Federal Emergency Management Agency (FEMA). Multi-Hazard Identification and Risk Assessment (MHIRA). January 1997. Accessed 2012. <<http://www.fema.gov/library/viewRecord.do?id=2214>>.
- Federal Emergency Management Agency (FEMA). Understand Your Risks: Identifying Hazards and Estimating Losses. 2001. Accessed 2018. <<https://www.fema.gov/media-library-data/20130726-1521-20490-4917/howto2.pdf>>
- Federal Emergency Management Agency (FEMA). Why Dams Fail. 2015. Accessed 2018. <<https://www.fema.gov/why-dams-fail>>.
- Federal Emergency Management Agency (FEMA). Wind Zones in the United States. Last Modified 11 Aug. 2010. Accessed 2012. <http://www.fema.gov/plan/prevent/saferoom/tsfs02_wind_zones.shtm>.
- Federal Emergency Management Agency (FEMA). National Flood Insurance Program (NFIP). NFIP Guidebook. March 2009. Accessed 2018. <https://www.fema.gov/media-library-data/20130726-1647-20490-1041/nfipguidebook_5edition_web.pdf>.
- FloodSmart.Gov. National Flood Insurance Program (NFIP). Flooding and Flood Risks. 2015. Accessed 2018. <https://www.floodsmart.gov/floodsmart/pages/flooding_flood_risks/ffr_overview.jsp>.
- Forest Invasives. Spotted Lanternfly. 2015. Accessed 2018. <<http://forestinvasives.ca/Meet-the-Species/Insects/Spotted-Lanternfly#73246-impacts>>.
- Greenpeace German. Climate Change, Migration, and Displacement: The Underestimated Disaster. 2017. Accessed 2018. <<https://www.greenpeace.de/sites/www.greenpeace.de/files/20170524-greenpeace-studie-climate-change-migration-displacement-engl.pdf>>.
- Godt, J. W. U.S. Geological Survey (USGS). Reston, VA. Landslide Incidence and Susceptibility in the Conterminous United States: U.S. Geological Survey Open-File Report 97-289. 2001. <<http://nationalatlas.gov/atlasftp.html?openChapters=chpgeol#chpgeol>> WMS layer accessed through the National Atlas of the United States. <<http://webservices.nationalatlas.gov/wms/geology?SERVICE=WMS&REQUEST=GetCapabilities&>>.

-
- Hares, S. "Central America's 'Dry Corridor' triggers massive US migration". The Christian Science Monitor. 24 August 2017. Accessed 2018. <<https://www.csmonitor.com/World/Americas/2017/0824/Central-America-s-Dry-Corridor-triggers-massive-US-migration>>.
- Harris, T. "How Floods Work". Howstuffworks.com. 7 June 2001. Accessed 2012. <<http://science.howstuffworks.com/nature/natural-disasters/flood.htm>>.
- Hayes, M. A Self-Calibrating Palmer Drought Severity Index. 15 June 2004. Accessed 2018. <<https://journals.ametsoc.org/doi/pdf/10.1175/1520-0442%282004%29017%3C2335%3AASPDSI%3E2.0.CO%3B2>>.
- Hedegaard H. et al. Centers for Disease Control and Prevention (CDC). Drug overdose deaths in the United States, 1999–2016. 2016. Accessed 2018. <<https://www.cdc.gov/nchs/products/databriefs/db294.htm>>.
- Holmes, T. et al. U.S. Forest Service. The economic impacts of hemlock woolly adelgid on residential landscape values: Sparta, New Jersey case study. 2005. Accessed 2018. <<https://www.fs.usda.gov/treearch/pubs/21630>>.
- Kennedy, S. "Mosquito found in Lehigh Valley may be Zika carrier". The Morning Call. 13 February 2016. Accessed 2018 <<http://www.mcall.com/news/local/mc-lehigh-valley-zika-mosquitoes-20160212-story.html>>.
- Koba, M. "California Drought: 'May have to migrate people'". CNBC. 31 July 2014. Accessed 2018. <<https://www.cnn.com/2014/07/31/california-drought-worsens-may-have-to-migrate-people.html>>.
- Lee, J. "Climate Change May Spark More Lightning Strikes, Igniting Wildfires". National Geographic. 15 November 2014. Accessed 2018. <<https://news.nationalgeographic.com/news/2014/11/141113-climate-change-lightning-atmosphere-science/>>.
- Lehigh County. Livable Landscapes A Park, Recreation, Open Space, Agricultural and Historic Lands Plan for Lehigh County. Adoption Pending 2018.
- Lehigh County Office of Emergency Management. Knowledge Center. 2017. Information provided by the Lehigh Valley Planning Commission.
- Lehigh Valley Planning Commission (LVPC). BuildLV Lehigh Valley Annual Development Report. 2017
- Lehigh Valley Planning Commission (LVPC). Climate + Energy Element. 28 August 2014. Accessed 2018. <<http://lvpc.org/pdf/2014/Climate+Energy-Final.pdf>>.
- Lehigh Valley Planning Commission (LVPC). Comprehensive Plan, The Lehigh Valley...2030. 2005 Allentown, PA.
- Lehigh Valley Planning Commission (LVPC). Coplay Creek Watershed and Lehigh River Sub-Basin 2- ACT 167-Storm Water Management Plan. November 1994.

Lehigh Valley Planning Commission (LVPC). Delaware River Sub-Basin 2 and Lehigh River Sub-Basin 5 (Fry's Run Study Area)-ACT 167-Storm Water Management Plan. February 1999.

Lehigh Valley Planning Commission (LVPC). Floodplain Guide/Model Regulation. 2014.

Lehigh Valley Planning Commission (LVPC). Green Infrastructure Guidelines. 2017.

Lehigh Valley Planning Commission (LVPC). Hazard Mitigation Plan: Lehigh Valley, Pa. 2006.

Lehigh Valley Planning Commission (LVPC). Hokendauqua Creek Watershed and Lehigh River Sub-Basin 3- ACT 167-Storm Water Management Plan. September 1997.

Lehigh Valley Planning Commission (LVPC). Jordan Creek Watershed- ACT 167-Storm Water Management Plan. May 1992.

Lehigh Valley Planning Commission (LVPC). Lehigh Valley Greenways Plan. 2007

Lehigh Valley Planning Commission (LVPC). Lehigh Valley Hazard Mitigation Plan Update. April 2013. Accessed 2018 <<http://www.lvpc.org/hazard-mitigation.html>>.

Lehigh Valley Planning Commission (LVPC). Lehigh Valley Return on Environment. 2014.

Lehigh Valley Planning Commission (LVPC). Lehigh Valley Trails Inventory – 2013. May 2013

Lehigh Valley Planning Commission (LVPC). Little Lehigh Creek Watershed-ACT 167-Storm Water Management Plan Update. June 1999.

Lehigh Valley Planning Commission (LVPC). Little Lehigh Creek Watershed-ACT 167-Storm Water Management Plan Update. May 2004.

Lehigh Valley Planning Commission (LVPC). MoveLV Long Range Transportation Plan. 2015. Accessed 2018. <<http://www.lvpc.org/long-range-transportation-update.html>>.

Lehigh Valley Planning Commission (LVPC). Maiden Creek Headwaters- ACT 167-Storm Water Management Plan. April 2010.

Lehigh Valley Planning Commission (LVPC). Martins/Jacoby Creeks Watershed and Delaware Sub-Basin 1 ACT 167-Storm Water Management Plan. February 1996.

Lehigh Valley Planning Commission (LVPC). Draft Monocacy Creek Act 167 Stormwater Management Plan. June 2017.

Lehigh Valley Planning Commission (LVPC). Monocacy Creek Act 167 Stormwater Management Plan. March 1989.

Lehigh Valley Planning Commission (LVPC). Nancy Run Watershed- ACT 167-Storm Water Management Plan. March 1989.

Lehigh Valley Planning Commission (LVPC). One Lehigh Valley. 2014.

- Lehigh Valley Planning Commission (LVPC). Perkiomen Creek Headwaters- ACT 167-Storm Water Management Plan. October 2009.
- Lehigh Valley Planning Commission (LVPC). Sacony Creek Headwaters- ACT 167-Storm Water Management Plan. April 2010.
- Lehigh Valley Planning Commission (LVPC). Saucon Creek Act 167 Stormwater Management Plan. April 1991.
- Lehigh Valley Planning Commission (LVPC). “Stormwater Management”. Environment. 2018. Accessed 2018. <<http://www.lvpc.org/water-resources.html>>.
- Lehigh Valley Planning Commission (LVPC). The People: Population and Employment Projections. 2017
- Lehigh Valley Planning Commission (LVPC). Traffic Safety Plan. 2016. Accessed 2018. <<http://lvpc.org/pdf/2016/LV%20Traffic%20Safety%20Plan%202016.pdf>>.
- Lehigh Valley Planning Commission. “Transportation”. In Comprehensive Plan – The Lehigh Valley ... 2030 (pp. 66-83). June 2010. Accessed Feb. 2012. <<http://www.lvpc.org/pdf/lv2030/compPlan12.pdf>>.
- Lehigh Valley Planning Commission (LVPC). WalkLV Regional Sidewalk Inventory. June 2016.
- Li, X. et al. Potential Social and Economic Impacts of the Hemlock Woolly Adelgid in Southern New England. 2014. Accessed 2018. <http://harvardforest.fas.harvard.edu/sites/harvardforest.fas.harvard.edu/files/publications/pdfs/Li_SENatural_2014.pdf>.
- Meehl, G. and Tebaldi, C. “More Intense, More Frequent, and Longer Lasting Heat Waves in the 21st Century.” Science. Vol. 305 no. 5686. 13 August 2004. Accessed 2018. <<http://www.sciencemag.org/content/305/5686/994>>.
- Merlin, M. “Get ready for rite of spring — gypsy moth spraying”. The Morning Call. 13 February 2017. Accessed 2018. <<http://www.mcall.com/news/local/mc-gypsy-moth-spraying-warning-20170210-story.html>>.
- Munson, G. et al. Carthage College. Thy Gypsy Moth: Is Defoliation Dependent on Climate Factors? 17 April 2013. Accessed 2018. <<https://dspace.carthage.edu/bitstream/handle/123456789/409/Munson%20Thesis.pdf?sequence=1>>.
- National Atlas of the United States. Geology WMS Layer. Accessed March 2018. <<http://webservices.nationalatlas.gov/wms/geology?SERVICE=WMS&REQUEST=GetCapabilities&>>.
- National Aeronautics and Space Administration (NASA). Severe thunderstorms and climate change. 8 April 2013. Accessed 2018. <<http://climate.nasa.gov/news/897/>>.

-
- National Centers for Environmental Information (NCEI). National Oceanic and Atmospheric Administration (NOAA). Regional Snowfall Index. 2018. Accessed 2018. <<https://www.ncdc.noaa.gov/snow-and-ice/rsi/nesis>>.
- National Centers for Environmental Information (NCEI). National Oceanic and Atmospheric Administration (NOAA). Storm Events Database. 2018. Accessed 2018. <<http://www.ncdc.noaa.gov/stormevents/>>.
- National Climatic Data Center (NCDC). National Oceanic and Atmospheric Administration (NOAA). Cooperative Observer Network (COOP). 2018. Accessed 2018. <<https://www.ncdc.noaa.gov/data-access/land-based-station-data/land-based-datasets/cooperative-observer-network-coop>>.
- National Climatic Data Center (NCDC). National Oceanic and Atmospheric Administration. U.S. Climate Divisions. Last Modified 21 Aug. 2012. Accessed 2012. <<http://www.ncdc.noaa.gov/temp-and-precip/us-climate-divisions.php#tccd>>.
- National Drought Mitigation Center (NDMC). Comparison of Major Drought Indices: Palmer Drought Severity Index. 2013. University of Nebraska, Lincoln. Accessed 2018. <<http://drought.unl.edu/Planning/Monitoring/ComparisonofIndicesIntro/PDSI.aspx>>.
- National Drought Mitigation Center (NDMC). National Climatic Data Center Data Documentation for Data Set 9641f (DSI-9641F). 19 December 2002.
- National Drought Mitigation Center (NDMC). Drought Impact Reporter (DIR). 2012. Accessed 2018. <<http://public.droughtreporter.unl.edu/advancedsearch/impacts.aspx>>.
- National Drought Mitigation Center (NDMC). Predicting Drought. 2018. Accessed 2018. <<http://drought.unl.edu/DroughtBasics/PredictingDrought.aspx>>.
- National Oceanic and Atmospheric Administration (NOAA). Climatological Data Annual Summary Pennsylvania. 2016. Volume 121 Number 13. ISSN 0364-5843.
- National Oceanic and Atmospheric Administration (NOAA). Location of US Climate Divisions. Date Unknown. Accessed 2018. <<https://www.esrl.noaa.gov/psd/data/usclimdivs/data/map.html>>.
- National Oceanic and Atmospheric Administration (NOAA). NOAA Knows...Lightning. May 2014. Accessed 2018. <https://www.weather.gov/media/owlie/lightning3_050714.pdf>.
- National Oceanic and Atmospheric Administration (NOAA). U.S. Climate Divisions. 2012. Accessed 2018. <<https://www.ncdc.noaa.gov/monitoring-references/maps/us-climate-divisions.php>>.
- National Severe Storms Laboratory (NSSL). National Oceanic and Atmospheric Administration (NOAA). Severe Weather 101 – Flood. 2018. Accessed 2018. <<https://www.nssl.noaa.gov/education/svrwx101/floods/>>.
- National Severe Storms Laboratory (NSSL). National Oceanic and Atmospheric Administration (NOAA). What is the total annual threat of severe thunderstorms in the United States?.
-

-
- Last Modified 29 Aug. 2003. Accessed 2012.
<<http://www.nssl.noaa.gov/hazard/totalthreat.html>>.
- National Weather Service (NWS). Climate Prediction Center (CPC). [U.S. Seasonal Drought Outlook](#). Last Modified 15 March 2018. Accessed 2018.
<http://www.cpc.ncep.noaa.gov/products/expert_assessment/sdo_summary.php>.
- National Weather Service (NWS). National Oceanic and Atmospheric Administration (NOAA). [Flood Safety](#). 2018. Accessed 2018. <<http://www.floodsafety.noaa.gov/index.shtml>>.
- National Weather Service (NWS). National Oceanic and Atmospheric Administration (NOAA). [Thunderstorms, Tornadoes, Lightning...](#) 2010. Accessed 2018.
<<http://www.lightningsafety.noaa.gov/resources/ttl6-10.pdf>>.
- National Weather Service (NWS). National Oceanic and Atmospheric Administration (NOAA). [What is a Nor'easter?](#) 2018. Accessed 2018.
<<http://www.nws.noaa.gov/om/winter/noreaster.shtml>>.
- National Weather Service (NWS). Office of Climate, Water, and Weather Services. [Natural Hazard Statistics](#). Last Modified 11 May 2017. Accessed 2018.
<<http://www.nws.noaa.gov/om/hazstats.shtml>>.
- National Weather Service (NWS). National Oceanic Atmospheric Administration (NOAA). [NWS Windchill Chart](#). Date Unknown. Accessed 2018.
<<http://www.nws.noaa.gov/om/windchill/index.shtml>>.
- Natural Resources Defense Council (NRDC). [Infectious Diseases: Dengue Fever, West Nile Virus, and Lyme Disease](#). 2015. Accessed 2018.
<<http://www.nrdc.org/health/climate/disease.asp>>.
- New Jersey Department of Health. [Measles](#). Last Modified 24 May 2017. Accessed 2018.
<<http://www.nj.gov/health/cd/topics/measles.shtml>>.
- New York State Invasive Species Information (NYIS). [Hemlock Woolly Adelgid](#). 2018. Accessed 2018. <http://www.nyis.info/index.php?action=invasive_detail&id=24>.
- Northampton County. [Livable Landscapes An Open Space Plan for Northampton County](#). 2016.
- Northampton County Office of Emergency Management. [Knowledge Center](#). 2017. Information provided by the Lehigh Valley Planning Commission.
- Northeast Regional Climate Center. [Northeast Drought Update](#). Last Modified 5 April 2018. Accessed 2018. <<http://www.nrcc.cornell.edu/regional/drought/drought.html>>.
- Northeast Regional Climate Center. [Pennsylvania Drought Periods](#). 2012. Accessed 2012.
<http://www.nrcc.cornell.edu/page_drought.html>.
- Office of the New Jersey Climatologist (ONJSC). 2015. "The Climate of New Jersey." [Rutgers University](#). Accessed 2018.
<http://climate.rutgers.edu/stateclim_v1/njclimoverview.html>.

-
- Parkland Press. "County, state to spray gypsy moth caterpillars". 19 April 2017. Accessed 2018. <<http://parkland.thelehighvalleypress.com/2017/04/19/county-state-spray-gypsy-moth-caterpillars>>.
- PennState Extension. Hemlock Woolly Adelgid (HWA). 2018. Accessed 2018. <<https://extension.psu.edu/hemlock-woolly-adelgid-hwa>>.
- Pennsylvania Department of Agriculture. Division of Planning and Conservation. Drought Information – Current Drought Declaration Status. 2017. Accessed 2017. <<http://www.dep.pa.gov/Business/Water/PlanningConservation/Drought/Pages/default.aspx>>.
- Pennsylvania Department of Agriculture. Quarantine. 2018. Accessed 2018. <http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Pages/default.aspx>.
- Pennsylvania Department of Agriculture. Spotted Lanternfly. 2018. Accessed 2018. <http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/Pages/default.aspx>.
- Pennsylvania Department of Agriculture. Technical Working Group Summary Report Spotted lanternfly, *Lycorma delicatula*. 2017. Accessed 2018. <http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/research/Documents/SLF%20TWG%20Report%20020718%20final.pdf>.
- Pennsylvania Department of Conservation and Natural Resources (PADCNR). Delaware River Basin Facts. Last Modified June 2010. Accessed 2018. <http://www.docs.dcnr.pa.gov/cs/groups/public/documents/document/dcnr_20031252.pdf>.
- Pennsylvania Department of Conservation and Natural Resources (PADCNR). Earthquake Epicenters in and Near Pennsylvania. 2004. Accessed 2012. <http://www.dcnr.state.pa.us/ucmprd1/groups/public/documents/document/dcnr_007968.pdf>.
- Pennsylvania Department of Conservation and Natural Resources (PA DCNR). Emerald Ash Borer. 2017. Accessed 2018. <<http://www.dcnr.pa.gov/Conservation/ForestsAndTrees/InsectsAndDiseases/EmeraldAshBorer/Pages/default.aspx>>.
- Pennsylvania Department of Conservation and Natural Resources (PA DCNR). Forest Insect and Diseases. 2018. Accessed 2018. <<http://www.dcnr.pa.gov/Conservation/ForestsAndTrees/InsectsAndDiseases/Pages/default.asp>>.
- Pennsylvania Department of Environmental Protection (PA DEP). State Water Plan. 2009. Accessed 2018. <http://www.dep.pa.gov/Business/Water/PlanningConservation/State_Water_Plan/Pages/default.aspx>.

-
- Pennsylvania Department of Environmental Protection (PA DEP). DEP Southeast Regional Office Update on Zika Surveillance and Response. 16 August 2016. Accessed 2018. <http://www.media.pa.gov/Pages/DEP_details.aspx?newsid=687>.
- Pennsylvania Department of Environmental Protection (PA DEP). Radon Monitoring. 2018. Accessed 2018. <<http://www.dep.pa.gov/Business/RadiationProtection/RadonDivision/Monitoring/Pages/default.aspx>>.
- Pennsylvania Department of Environmental Protection (PA DEP). Radon Test Data by Zip Code. 2018. Accessed 2018. <<http://www.depreportingservices.state.pa.us/ReportServer/Pages/ReportViewer.aspx?/Radon/RadonZip>>.
- Pennsylvania Department of Environmental Protection. Radon Division. Radon. 2018. Accessed 2018. <<http://www.dep.pa.gov/Business/RadiationProtection/RadonDivision/Pages/default.aspx>>.
- Pennsylvania Department of Health. Enterprise Data Dissemination Informatics Exchange (EDDIE). 2018. Accessed 2018. <<http://www.statistics.health.pa.gov/StatisticalResources/EDDIE/Pages/EDDIE.aspx#.WszuK4jwaUk>>.
- Pennsylvania Department of Health. Dengue Virus Infection Fact Sheet. Last Modified 11 July 2016. Accessed 2018. <<http://www.health.pa.gov/My%20Health/Diseases%20and%20Conditions/A-D/DengueFactSheet/Pages/DengueFactSheet.aspx#.Wqbc1mrwZEY>>.
- Pennsylvania Department of Health. Tickborne Disease Fact Sheet. 15 February 2011. Accessed 2018. <<http://www.health.pa.gov/My%20Health/Diseases%20and%20Conditions/Documents/Fact%20Sheets%202013/Tickborne%20Disease%20Fact%20Sheet.pdf>>.
- Pennsylvania Department of Health. West Nile Virus in Pennsylvania. 2018. Accessed 2018. <<http://www.health.pa.gov/My%20Health/Diseases%20and%20Conditions/Pages/West-Nile-Virus.aspx#.WqLajWrwZEY>>.
- Pennsylvania Department of Health. Zika Virus. 2018. Accessed 2018. <<http://www.health.pa.gov/My%20Health/Diseases%20and%20Conditions/U-Z/Zikavirus/Pages/ZikaVirusHomePage.aspx#.WqLpV2rwZEY>>.
- Pennsylvania Department of Labor and Industry Center for Workforce Information and Analysis. Accessed 2017. <<http://www.workstats.dli.pa.gov/Pages/default.aspx>>.
- Pennsylvania Department of Transportation. 2016 Highway Statistics Report. 2016. Accessed 2018. <<http://www.penndot.gov/ProjectAndPrograms/Planning/TrafficInformation/Pages/2016-Highway-Statistics.aspx>>.

-
- Pennsylvania Department of Transportation. 2016 Pennsylvania Crash Facts and Statistics. 2016. Accessed 2018. <http://www.penndot.gov/TravelInPA/Safety/Documents/2016_CFB_linked.pdf>.
- Pennsylvania Department of Transportation. Bridge Information. 2018. Accessed 2018. <<http://www.penndot.gov/ProjectAndPrograms/Bridges/Pages/default.aspx>>.
- Pennsylvania Department of Transportation. Pennsylvania Intercity Passenger and Freight Rail Plan. February 2010. Accessed 2018. <<http://www.dot.state.pa.us/public/Bureaus/railfreight/PARailPlanAppend2/PARailPlanIowres.pdf>>.
- Pennsylvania Emergency Management Agency. All-Hazard Mitigation Planning Standard Operating Guide. October 2013.
- Pennsylvania Emergency Management Agency (PEMA). Pennsylvania 2013 Standard State All-Hazard Mitigation Plan. 2013. Accessed 2018. <<http://www.pema.pa.gov/responseandrecovery/Disaster-Assistance/Documents/General%20Mitigation%20Forms%20and%20Information/Pennsylvania%20State%20Hazard%20Mitigation%20Plan%20-%20Oct%2031%202013.pdf>>.
- Pipeline and Hazardous Materials Safety Administration (PHMSA). National Pipeline Mapping System. 2018. Accessed 2018. <<https://www.npms.phmsa.dot.gov/>>.
- Regional Economic Modeling, Inc. with Lehigh Valley Planning Commission Analysis. Population and Employment Projections. 2017.
- Riddix, M. "Alien Species Invasion: The Deep Economic Impact". Investopedia. 25 March 2010. Accessed 2018. <<https://www.investopedia.com/financial-edge/0310/alien-species-invasion-deep-economic-impact.aspx>>.
- Schenck, P. et al. University of Connecticut Health Center. Climate Change, Indoor Air Quality and Health. 24 August 2010. Accessed 2018. <https://www.epa.gov/sites/production/files/2014-08/documents/uconn_climate_health.pdf>.
- 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>>
- Skinner, J. What Do You Know About Pennsylvania's River Basins?. Date Unknown. Accessed 2018. <<http://academic.keystone.edu/jskinner/PAsRiverBasins.pdf>>.
- Spross. Climate change 'causing rise in flu epidemics', claims study. 29 January 2013. Accessed 2018. <<https://www.telegraph.co.uk/news/health/flu/9834545/Climate-change-causing-rise-in-flu-epidemics-claims-study.html>>.
- Storm Prediction Center (SPC). National Weather Service (NWS). Storm Prediction Center WCM Page. Last Modified 9 March 2016. Accessed 2018. <<http://www.spc.noaa.gov/wcm/>>.

-
- Sydnor, T. et al. U.S. Forest Service. The potential economic impacts of emerald ash borer (*Agrilus planipennis*) on Ohio, U.S., communities. 2007. Accessed 2018. <<https://www.fs.usda.gov/treearch/pubs/18948>>.
- The Nature Conservancy. Impacts of Invasive Species. 2018. Accessed 2018. <<https://www.nature.org/ourinitiatives/urgentissues/land-conservation/forests/invasives-101.xml>>.
- U.S. Army Corps of Engineers (USACE). Cold Regions Research and Engineering Laboratory (CRREL). Ice Jam Database, Bulletins and Surveys. Last Modified 2018. Accessed 2018. <<https://rsgis.crrel.usace.army.mil/icejam/>>.
- U.S. Census. 2010 Census: PA - Lehigh County. 2010. Accessed 2018. <<https://www.census.gov/2010census/popmap/ipmtext.php?fl=42:42077>>.
- U.S. Census. 2010 Census: PA - Northampton County. 2010. Accessed 2018. <<https://www.census.gov/2010census/popmap/ipmtext.php?fl=42:42077:42095>>.
- U.S. Census. 2012-2016 American Community Survey 5-Year Estimates. Accessed 2018. <<https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>>
- U.S. Census. "Exhibit 2a". U.S. General Imports of Goods by State, State of Destination, by NAICS-Based Product Code Groupings, Not Seasonally Adjusted: 2018. 2018. Accessed 2018. <https://www.census.gov/foreign-trade/Press-Release/current_press_release/exh2as.pdf>.
- U.S. Department of Agriculture (USDA). 2012 Census of Agriculture Lehigh County, Pennsylvania. 2012. Accessed 2018. <https://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Pennsylvania/cp42077.pdf>.
- U.S. Department of Agriculture (USDA). 2012 Census of Agriculture Northampton County, Pennsylvania. 2012. Accessed 2018. <https://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Pennsylvania/cp42095.pdf>.
- U.S. Department of Agriculture (USDA). Forest Pest Conditions. 2018. Accessed 2018. <<https://foresthealth.fs.usda.gov/portal/Flex/FPC>>.
- U.S. Department of Agriculture (USDA). Insect & Disease Detection Survey Data Explorer. 2018. Accessed 2018. <<https://foresthealth.fs.usda.gov/portal/Flex/IDS>>.
- U.S. Department of Agriculture (USDA). Farm Service Agency. Disaster Designation Information. 2018. Accessed 2018. <<https://www.fsa.usda.gov/programs-and-services/disaster-assistance-program/disaster-designation-information/index>>.
- U.S. Department of Agriculture (USDA), Risk Management Agency. Cause of Loss Historical Data Files: 1948-2011. Last Modified 15 Feb. 2012. Accessed 2012. <<http://www.rma.usda.gov/data/cause.html>>.

-
- U.S. Department of Agriculture (USDA). Risk Management Agency (RMA). Cause of Loss Historical Data Files: 1948-2017. 2018. Accessed 2018. <<https://www.rma.usda.gov/data/cause.html>>.
- U.S. Department of Transportation (U.S. DOT). Transportation and Climate Change Clearinghouse. Last Modified 9 March 2017. Accessed 2018. <<https://www.transportation.gov/climate-change-clearinghouse>>.
- U.S. Environmental Protection Agency (EPA). Climate Change Indicators: Lyme Disease. Last Modified 22 February 2017. Accessed 2018. <<https://www.epa.gov/climate-indicators/climate-change-indicators-lyme-disease>>.
- U.S. Environmental Protection Agency (USEPA). Climate Change Indicators: Weather and Climate. Last Modified 2 August 2016. Accessed 2018. <<https://www.epa.gov/climate-indicators/weather-climate>>.
- U.S. Environmental Protection Agency (EPA). Consumer's Guide to Radon Reduction: How to Fix Your Home. 2016. Accessed 2018. <https://www.epa.gov/sites/production/files/2016-12/documents/2016_consumers_guide_to_radon_reduction.pdf>.
- U.S. Environmental Protection Agency (USEPA). Excessive Heat Events Handbook. June 2006. Accessed 2012. <http://www.epa.gov/heatisland/about/pdf/EHEguide_final.pdf>.
- U.S. Environmental Protection Agency (USEPA). Envirofacts. 30 January 2018. Accessed 2018. <<https://www3.epa.gov/enviro/>>.
- U.S. Environmental Protection Agency (EPA). Health Risk of Radon. Last Modified 23 February 2018. Accessed 2018. <<https://www.epa.gov/radon/health-risk-radon>>.
- U.S. Environmental Protection Agency (USEPA). "How Can a Superfund Site Affect My Property?" Date Unknown. Accessed 2018. <<https://semspub.epa.gov/work/05/927384.pdf>>.
- U.S. Environmental Protection Agency (EPA). SEMS Search. 2018. Accessed 2018. <<https://www.epa.gov/enviro/sems-search>>.
- U.S. Environmental Protection Agency (EPA). What Climate Change Means for Pennsylvania. August 2016. Accessed 2018. <<https://19january2017snapshot.epa.gov/sites/production/files/2016-09/documents/climate-change-pa.pdf>>.
- U.S. Forest Service. Gypsy Moth. 13 February 2018. Accessed 2018. <<http://www.iowadnr.gov/Portals/idnr/uploads/forestry/Forest%20Health/Gypsy%20Moth%20Impact.pdf>>.
- U.S. Geological Survey (USGS). National Wildlife Health Center. West Nile Virus (WNV). Last Modified 19 May 2016. Accessed 2018. <http://www.nwhc.usgs.gov/disease_information/west_nile_virus/>.
- U.S. Global Change Research Program. National Climate Assessment. 2014. Accessed 2018. <<https://nca2014.globalchange.gov/report>>.
-

-
- U.S. Nuclear Regulatory Commission. Emergency Planning Zones. Last Modified 29 September 2014. Accessed 2018. <<https://www.nrc.gov/about-nrc/emerg-preparedness/about-emerg-preparedness/planning-zones.html>>.
- University of Illinois. Gypsy Moth. 2018. Accessed 2018. <<https://extension.illinois.edu/gypsymoth/damage.cfm>>.
- University of Otago. Climate change and extreme weather driving migration. 11 October 2017. Accessed 2018. <<https://phys.org/news/2017-10-climate-extreme-weather-migration.html>>.
- Warn et al. World Meteorological Organization. The Impact of Climate Change: Migration and Cities in South America. 2014. Accessed 2018. <<https://public.wmo.int/en/resources/bulletin/impact-of-climate-change-migration-and-cities-south-america>>.
- WebMD. Dengue Fever. 2018. Accessed 2018. <<https://www.webmd.com/a-to-z-guides/dengue-fever-reference#1>>.
- World Health Organization (WHO). Environmental factors influencing the spread of communicable diseases. 2018. Accessed 2018. <http://www.who.int/environmental_health_emergencies/disease_outbreaks/communicable_diseases/en/>
- World Health Organization (WHO). Infectious Disease. 2018. Accessed 2018. <http://www.who.int/topics/infectious_diseases/en/>.
- World Health Organization (WHO). Current WHO phase of pandemic alert for Pandemic (H1N1) 2009. 2009. Accessed 2018. <<http://www.who.int/csr/disease/swineflu/phase/en/>>.
- World Health Organization (WHO). Measles. January 2018. Accessed 2018. <<http://www.who.int/mediacentre/factsheets/fs286/en/>>.