

Appendix A Bibliography

- 1) 4 Pa.C.S. § 119 (Pennsylvania Code full text database 1985).
- 2) 4 Pa.C.S. § 120 (Pennsylvania Code full text database 1985).
- 3) 49 Pa.B. 3077 (Pennsylvania Bulletin full text database 2019).
- 4) Bagenstose, K. 2019. "Southeast Pennsylvania is Warming Faster Than the Rest of the State. But Why?" *Bucks County Courier Times*. Retrieved from: <https://www.buckscountycouriertimes.com/news/20191108/southeast-pennsylvania-is-warming-faster-than-rest-of-state-but-why>.
- 5) BestPlaces. 2021. Climate in Bucks County, Pennsylvania. Retrieved from: <https://www.bestplaces.net/climate/county/pennsylvania/bucks#:~:text=The%20annual%20BestPlaces%20Comfort%20Index,most%20pleasant%20places%20in%20Pennsylvania>.
- 6) Blanchard, P. 2020. "Bucks Co. Storm Impacts: Crashes, Snow Totals, Road Conditions." *Patch*. Retrieved from: <https://patch.com/pennsylvania/doylestown/noreaster-headed-toward-bucks-county-latest-updates>.
- 7) Bucks County. 2011. Hazard Mitigation Plan.
- 8) Bucks County. 2013. Bucks County Natural Areas Program: Application Guidelines. Retrieved from: https://buckscounty.org/docs/default-source/government-documents/napapplicationguidelines2013.pdf?sfvrsn=77b7f415_2.
- 9) Bucks County. 2016. Bucks County 2016 Hazard Mitigation Plan Update. Retrieved from: <https://buckscounty.org/docs/default-source/pc/2016bchmpupdate.pdf?sfvrsn=0>.
- 10) Bucks County. 2012. "Bucks County Shifts Hurricane Sandy Response to Recovery." Retrieved from: <http://buckscounty.org/news/2012News/2013/06/20/News2012-10-30-HurricaneRecovery>.
- 11) Bucks County. 2021a. About Bucks County. Retrieved from: <https://www.buckscounty.org/about>.
- 12) Bucks County. 2021b. Office of the Fire Marshal. Retrieved from: <https://www.buckscounty.org/government/EmergencyServices/FireMarshal>.
- 13) Bucks County. 2021c. Municipal Comprehensive Plans. Retrieved from: <https://dataportal-bucksgis.opendata.arcgis.com/pages/municipal-comp-plans>.
- 14) Bucks County. 2021d. Ready Bucks. Retrieved from: <https://buckscounty.org/readybucks>.
- 15) Bucks County 911 Center. 2015. Fire Incident Data 2001-2014.

- 16) Bucks County Courier Times. 2013. "Photo Gallery: Hurricane Sandy's Aftermath in Pennsylvania: The aftermath of Hurricane Sandy in the region." Retrieved from: http://www.buckscountycouriertimes.com/news/local/multimedia/photo-gallery-hurricane-sandy-s-aftermath-in-pennsylvania/collection_73c871eb-18d8-572a-a6b2-6edeeba74635.html.
- 17) Bucks County Economic Development Corporation (BCEDC). 2021. Utilities. Retrieved from: <https://www.bcedc.com/about-bucks-county/bucks-county-facts/utilities>.
- 18) Bucks County Emergency Management Agency (CEMA). N.d. Bucks County Emergency Operations Plan.
- 19) Bucks County Emergency Management Agency (CEMA). 2011. Bucks County Hazard Vulnerability Analysis.
- 20) Bucks County Emergency Management Agency (CEMA). 2017. Bucks County PA Emergency Debris Management Plan.
- 21) Bucks County GIS Department (Bucks County GIS). 2021. Bucks County Maps & Data Portal. Retrieved from: <https://dataportal-bucksgis.opendata.arcgis.com/>.
- 22) Bucks County Health Department. 2021. Coronavirus (COVID-19) Information. Retrieved from <https://www.buckscounty.org/government/healthservices/HealthDepartment/CoronavirusInfo>.
- 23) Bucks County Planning Commission (BCPC). 2002a. Delaware River (North) Watershed Act 167 Stormwater Management Plan - Bucks County, Pennsylvania. Retrieved from: <https://app.sharebase.com/#/folder/55774/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 24) Bucks County Planning Commission (BCPC). 2002b. Tohickon Creek Watershed Act 167 Stormwater Management Plan - Bucks County, Pennsylvania. Retrieved from: <https://app.sharebase.com/#/folder/55775/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 25) Bucks County Planning Commission (BCPC). 2004a. Delaware River South Watershed Act 167 Stormwater Management Plan - Bucks County, Pennsylvania: Volume 1 - Plan, Standards/Criteria, and Model Ordinance. Retrieved from: [https://ago-item-storage.s3.us-east-1.amazonaws.com/23706713641b415aacd39c34823adc40/Delaware_River_South_Act_167_Vol_I.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEA0aCXVzLWVhc3QtMSJGMEQCIFK9ydL9acDNZuE%2BDtbF8hmjzX3tK6S3OeAhu%2FS1hasUAiB08nN6HKrsxeuWk7ft3qlsXl3VNzmNELauHyd03LvV7Sq9Awiv%2F%2F%2F%2F%2F%2F%2F%2F%2F%2F8BEAAaDDYwNDc1ODEwMjY2NSIMgBlqowTQShfLvgaOKpEDw1Ddv4Rm21J9F2rePkk89mVx9Y31C960ot9vciNf4yeztV0j9xALq1p94TmRHZFyPAakNOQMzAq%2FtyrDHICocCZhxefv1vtnnEbOxxoXJk1Gd8dKOjwL5LsZ8FJuGk%2FFJKIuwTuh%2FzhYiU1sSrTleUX5%2Fpft%2BeYl6ielC%2Bz1tUaAskL5QvpeTK%2FRcvCIQva4nlm%2BpITwIKtWS0f79HH6vOCKYZgMZUnTe%2FQhDC49logrce1spSWd8hhwux3Hf%2B8MyXcOhi4uo7vKp6VWwsa2u%2BIMsFJzu7h](https://ago-item-storage.s3.us-east-1.amazonaws.com/23706713641b415aacd39c34823adc40/Delaware_River_South_Act_167_Vol_I.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEA0aCXVzLWVhc3QtMSJGMEQCIFK9ydL9acDNZuE%2BDtbF8hmjzX3tK6S3OeAhu%2FS1hasUAiB08nN6HKrsxeuWk7ft3qlsXl3VNzmNELauHyd03LvV7Sq9Awiv%2F%2F%2F%2F%2F%2F%2F%2F%2F%2F%2F8BEAAaDDYwNDc1ODEwMjY2NSIMgBlqowTQShfLvgaOKpEDw1Ddv4Rm21J9F2rePkk89mVx9Y31C960ot9vciNf4yeztV0j9xALq1p94TmRHZFyPAakNOQMzAq%2FtyrDHICocCZhxefv1vtnnEbOxxoXJk1Gd8dKOjwL5LsZ8FJuGk%2FFJKIuwTuh%2FzhYiU1sSrTleUX5%2Fpft%2BeYl6ielC%2Bz1tUaAskL5QvpeTK%2FRcvCIQva4nlm%2BpITwIKtWS0f79HH6vOCKYZgMZUnTe%2FQhDC49logrce1spSWd8hhwux3Hf%2B8MyXcOhi4uo7vKp6VWwsa2u%2BIMsFJzu7h)

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 Signature=8a5f3d38722d8ad7922a29925ea0a0c7d5170a2300f38d6691328e5c5e6d
 7a7a.

- 26) Bucks County Planning Commission (BCPC). 2004b. East Branch Perkiomen Creek Watershed Act 167 Stormwater Management Plan – Bucks and Montgomery Counties, Pennsylvania: Volume 1 – Plan, Standards/Criteria, and Model Ordinance. Retrieved from: <https://app.sharebase.com/#/document/199632/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 27) Bucks County Planning Commission (BCPC). 2010. Neshaminy Creek Watershed Stormwater Management Plan – Volume 1: Plan and Model Ordinance. Retrieved from: <https://buckscounty.org/docs/default-source/government-documents/neshaminyplanfinal.pdf?sfvrsn=2>.
- 28) Bucks County Planning Commission (BCPC). 2011a. Bucks County Comprehensive Plan. Retrieved from: <https://buckscounty.org/docs/default-source/government-documents/bccp2011final.pdf?sfvrsn=2>.
- 29) Bucks County Planning Commission (BCPC). 2011b. Bucks County Open Space and Greenways Plan. Retrieved from: <https://app.sharebase.com/#/document/280224/share/129-1Qaw3RHN6l5kfODvC-b6Jr--GODM>.
- 30) Bucks County Planning Commission (BCPC). 2011c. Bucks County Natural Areas Inventory Update. Retrieved from: http://www.naturalheritage.state.pa.us/CN.AI_PDFs/Bucks_naiupdate2011.pdf.
- 31) Bucks County Planning Commission (BCPC). 2012. Bucks County Bicycle Master Plan: Working for a Bicycle Friendly Bucks County. Retrieved from: <https://app.sharebase.com/#/document/278991/share/129-FFDeidipp67aTwzthc4q99vWoG4>.
- 32) Bucks County Planning Commission (BCPC). 2014a. Mill-Queen Anne-Black Ditch Creeks Trail Feasibility Study. Retrieved from: <https://app.sharebase.com/#/document/279121/share/129-NZizV8Fa2vAUTgrOAYKVPFf6d5o>.

- 33) Bucks County Planning Commission (BCPC). 2014b. Upper Neshaminy Creek Trail Feasibility Study. Retrieved from: <https://app.sharebase.com/#/document/279024/share/129-0--Dnhwean3K--Km6nl4T--iFuLEvs>.
- 34) Bucks County Planning Commission (BCPC). 2016. Lower Neshaminy Creek Trail Feasibility Study. Retrieved from: <https://app.sharebase.com/#/document/279074/share/129-9JdE8jcJxrwZNF3eGZ4TdPEL0FE>.
- 35) Bucks County Planning Commission (BCPC). 2019a. Bucks County Pennsylvania 2018-2028 Municipal Waste Management Plan. Retrieved from: <https://app.sharebase.com/#/document/371506/share/129-yQGy9j5jKrjx3c881eGP8mPqw6s>.
- 36) Bucks County Planning Commission (BCPC). 2019b. Middle Neshaminy Creek Trail Feasibility Study. Retrieved from: <https://app.sharebase.com/#/document/925576/share/129-OkD1T0Bj20C4mRmgL6SAa6FO33Q>.
- 37) Bucks County Planning Commission (BCPC). 2019c. Newtown Rail Trail Feasibility Study. Retrieved from: <https://app.sharebase.com/#/document/772443/share/129-cavwh6LGtq7negFunijYK1RIJTw>.
- 38) Bucks County Planning Commission (BCPC). 2019d. Bucks County Agricultural Preservation Program. Retrieved from: <https://app.sharebase.com/#/document/927264/share/129-Q-6WWKT24ZeSmXJSsy7H0KwP0WY>.
- 39) Bucks County Planning Commission (BCPC). 2020. Liberty Bell Trail Feasibility Update. Retrieved from: <https://app.sharebase.com/#/document/3080592/share/129-6zW4ZGQ8u-UgstWH1bKMvg9G8mA>.
- 40) Bucks County Planning Commission (BCPC). 2021a. Community Planning. Retrieved from: <https://www.buckscounty.gov/1151/Community-Planning>.
- 41) Bucks County Planning Commission (BCPC). 2021b. The Future of Bucks County's Fire Services.
- 42) Bucks County Planning Commission (BCPC). 2021c. Bucks County Pedestrian Safety Study. Retrieved from: <https://transportation-bucksgis.opendata.arcgis.com/pages/Pedestrian%20Study>.
- 43) Bucks County Voluntary Organizations Active in a Disaster (VOAD). 2021. About Us. Retrieved from: <http://www.bucksvoad.org/about-us>.
- 44) Callahan, M. 2013. "Reflection on Hurricane Sandy one year later." *Bucks County Courier Times*. Retrieved from: <https://www.buckscountycouriertimes.com/article/20131027/news/310279857?template=ampart>.

- 45) Centers for Disease Control and Prevention (CDC). 2009. 2009 H1N1 Flu, Situation Update. Retrieved from: <https://www.cdc.gov/h1n1flu/>.
- 46) Centers for Disease Control and Prevention (CDC). 2010. 2009 H1N1 Flu ("Swine Flu") and You. Retrieved from: <http://www.cdc.gov/h1n1flu/qa.htm>.
- 47) Centers for Disease Control and Prevention (CDC). 2015. Estimated influenza disease burden, by age group – United States, 2014-2015 influenza season. Retrieved from: <https://www.cdc.gov/flu/about/burden/2014-2015.html>.
- 48) Centers for Disease Control and Prevention (CDC). 2018. Estimating Burden of Seasonal Influenza in the United States 2017-2018. Retrieved from: <https://www.cdc.gov/flu/about/burden/2017-2018.htm>.
- 49) Centers for Disease Control and Prevention (CDC). 2020. Influenza (Flu): 2019-2020 Preliminary In-Season Burden Estimate. Retrieved from: <https://www.cdc.gov/flu/about/burden/preliminary-in-season-estimates.htm>.
- 50) Centers for Disease Control and Prevention (CDC). 2021a. New Variants of the Virus that Causes COVID-19. Retrieved from: <https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant.html>.
- 51) Centers for Disease Control and Prevention (CDC). 2021b. Flu Season. Retrieved from: <https://www.cdc.gov/flu/season/index.html>.
- 52) Centers for Disease Control and Prevention (CDC). 2021c. Influenza (Flu). Retrieved from: <https://www.cdc.gov/flu/>.
- 53) Centers for Disease Control and Prevention (CDC). 2021d. Different COVID-19 Vaccines. Retrieved from: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines.html>.
- 54) Climate Central. 2019. Local Climate Hazard Pile-Up. Retrieved from: <https://medialibrary.climatecentral.org/resources/local-climate-hazard-pile-up-2019#:~:text=A%20new%20Climate%20Central%20research,These%20hazards%20are%20already%20happening>.
- 55) Credit Union National Association (CUNA). 2015. Encore: When Lightning Strikes. Retrieved from: <http://resourcecenter.cuna.org/331/article/628/html>.
- 56) Curran, E. B. 1999. "Lightning Casualties and Damages in the United States from 1959 to 1994." *Journal of Climate*. Retrieved from: https://www.researchgate.net/publication/252504156_Lightning_Casualties_and_Damages_in_the_United_States_from_1959_to_1994#read.
- 57) Delaware Valley Regional Planning Commission (DVRPC). 2017. Connections 2045 Plan for Greater Philadelphia. Retrieved from: <https://www.dvrpc.org/Reports/17039.pdf>.

- 58) Federal Emergency Management Agency (FEMA). 1997. Multi-Hazard Identification and Risk Assessment: A Cornerstone of the National Mitigation Strategy. Washington, D.C.
- 59) Federal Emergency Management Agency (FEMA). 2009. *Tornado Activity in the United States*. Retrieved from: http://www.fema.gov/plan/prevent/saferoom/tsfs02_torn_activity.shtm.
- 60) Federal Emergency Management Agency (FEMA). 2013. Integrating Hazard Mitigation into Local Planning: Case Studies and Tools for Community Officials. Retrieved from: https://www.fema.gov/sites/default/files/2020-10/fema_integrating-hazard-mitigation-case-studies-tools-community-officials.pdf.
- 61) Federal Emergency Management Agency (FEMA). 2014. Building Codes Toolkit - Introduction to Building Codes Presentation. Retrieved from: <https://www.fema.gov/media-library/assets/documents/30382>.
- 62) Federal Emergency Management Agency (FEMA). 2017a. Bucks County Flood Insurance Rate Map. Retrieved from: <http://www.msc.fema.gov>.
- 63) Federal Emergency Management Agency (FEMA). 2017b. Flood Insurance Study: Bucks County, Pennsylvania (All Jurisdictions) - 42017CV001D. Retrieved from: <https://map1.msc.fema.gov/data/42/S/PDF/42017CV001D.pdf?LOC=1f73c95d5b41c36dbd129b49982c3895>.
- 64) Federal Emergency Management Agency (FEMA). 2020. Community Status Book. Retrieved from: <https://www.fema.gov/flood-insurance/work-with-nfip/community-status-book>.
- 65) Federal Emergency Management Agency (FEMA). 2021a. Disaster Declarations for States and Counties. Retrieved from: <https://www.fema.gov/data-visualization/disaster-declarations-states-and-counties>.
- 66) Federal Emergency Management Agency (FEMA). 2021b. Write Your Own Flood Insurance Company List. Retrieved from: <https://nfipservices.floodsmart.gov/wyo-program-list>.
- 67) Federal Emergency Management Agency (FEMA). 2021c. Community Information System Database: NFIP Insurance Report.
- 68) Federal Emergency Management Agency (FEMA). 2021d. Community Information System Database: Discovery Report.
- 69) Federal Emergency Management Agency (FEMA). 2021e. Community Information System Database: Community Status Book Report.
- 70) Federal Emergency Management Agency (FEMA). 2021f. Community Information System Database: Community Overview.

- 71) Federal Emergency Management Agency (FEMA). 2021g. "Pumps Keep Morrisville Homes Dry." Retrieved from: <https://www.fema.gov/case-study/pumps-keep-morrisville-homes-dry>.
- 72) Federal Emergency Management Agency (FEMA). 2021h. "Home Retrofitting and Flood Insurance Along the Delaware River." Retrieved from: <https://www.fema.gov/case-study/home-retrofitting-and-flood-insurance-along-delaware-river>.
- 73) Federal Emergency Management Agency (FEMA). 2007. "Emergency Action Planning for State Regulated High-Hazard Potential Dams." Retrieved from: <https://www.fema.gov/sites/default/files/2020-08/fema608.pdf>
- 74) Federal Emergency Management Agency National Flood Hazard Layer (FEMA NHL). 2021. FEMA's National Flood Hazard Layer (NFHL) Viewer. Retrieved from: <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>.
- 75) Frankson, R., K. Kunkel, S. Champion, B. Stewart, A.T. DeGaetano, & W. Sweet. 2017. Pennsylvania State Climate Summary. *NOAA Technical Report NESDIS 149-PA*, 4pp.
- 76) Gelber, B. 2002. *The Pennsylvania Weather Book*. Rutgers University Press, New Brunswick, New Jersey.
- 77) Global Security. 2009. Flu Pandemics in History. Retrieved from: http://www.globalsecurity.org/security/ops/hsc-scen-3_pandemic-history.htm.
- 78) Insurance Information Institute (III). 2021. Facts and Statistics: Lightning. Retrieved from: <https://www.iii.org/fact-statistic/facts-statistics-lightning>.
- 79) Jorden, M.A., et al. Evidence for Limited Early Spread of COVID-19 Within the United States, January–February 2020. *MMWR Morb Mortal Wkly Rep* 2020;69:680–684. DOI: http://dx.doi.org/10.15585/mmwr.mm6922e1external_icon.
- 80) Jordan, T. 2011. "Bucks County bridge closed since 2002 finally re-opening." *The Morning Call*. Retrieved from: <https://www.mcall.com/news/mc-xpm-2011-07-07-mc-tinicum-geigel-hill-bridge-reopeni20110707-story.html>.
- 81) King, L. R. 2020. "Isaias Wreaks Havoc on Bucks with Heavy Rain, High Winds, Power Outages." *Bucks County*. Retrieved from: <https://buckscounty.org/sitefinitypfxn/newreader/2020/08/04/isaias-wreaks-havoc-on-bucks-with-heavy-rain-high-winds-power-outages>.
- 82) Klein, A., & Smith, E. 2021. "Explaining the economic impact of COVID-19: Core industries and the Hispanic workforce." *Brookings Institute*. Retrieved from: <https://www.brookings.edu/research/explaining-the-economic-impact-of-covid-19-core-industries-and-the-hispanic-workforce/>.

- 83) Lehigh Valley Planning Commission (LVPC). 2009. Perkiomen Creek Headwaters – Act 167 Stormwater Management Plan. Retrieved from: <https://app.sharebase.com/#/document/199629/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 84) Lehigh Valley Planning Commission (LVPC). 2010. Sacony Creek Headwaters – Act 167 Stormwater Management Plan. Retrieved from: <https://app.sharebase.com/#/document/461825/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 85) Lehigh Valley Planning Commission (LVPC). 2019. Lehigh Valley Comprehensive Plan. Retrieved from: <https://lvpc.org/pdf/2020/FutureLV%20Website/FutureLV%20Regional%20Plan.pdf>.
- 86) Marcovitz, H. 2005. "Pair sue over destroyed home ** Bucks couple blame Bethlehem contractor for Feb. 7 gas blast." *The Morning Call*. Retrieved from: <https://www.mcall.com/news/mc-xpm-2005-03-20-3584107-story.html>.
- 87) Matthews, Corey. Personal communication. March 22, 2021.
- 88) Maykuth, A. 2020. "Hundreds of thousands lose power across Philly area as Isaias lashes region." *The Philadelphia Inquirer*. Retrieved from: <https://www.inquirer.com/weather/peco-outages-philadelphia-hurricane-isaias-tropical-storm-pseg-20200804.html>.
- 89) Montgomery County. 2015. Montco 2040: A Shared Vision. Retrieved from: https://www.montcopa.org/DocumentCenter/View/7719/Adopted-Montco-2040-Shared-Vision_01_16_2015?bidId=.
- 90) National Fire Protection Association (NFPA). 1982. Storage Fire (K Mart) Falls Township, PA. Retrieved from: <https://www.nfpa.org/-/media/Files/News-and-Research/Resources/Fire-Investigations/FIFallsTownship.ashx>.
- 91) National Hurricane Center (NHC). 2021. Saffir-Simpson Hurricane Wind Scale. Retrieved from: <https://www.nhc.noaa.gov/aboutsshws.php>.
- 92) National Oceanic and Atmospheric Administration (NOAA). 2013. United State Snow Climatology. Retrieved from: <http://www.ncdc.noaa.gov/ussc/index.jsp>.
- 93) National Oceanic and Atmospheric Administration (NOAA). 2021. Average Monthly Temperature. Retrieved from: <https://www.climate.gov/maps-data/data-snapshots/data-source-average-monthly-temperature>.
- 94) National Oceanic and Atmospheric Association – Hurricane Research Division (NOAA – HRD). 2013. Retrieved from: <http://www.aoml.noaa.gov/hrd/tcfaq/G11.html>.
- 95) National Oceanic and Atmospheric Administration – National Centers for Environmental Information (NOAA NCEI). 2021. Storm events database. Retrieved from: <https://www.ncdc.noaa.gov/stormevents/>.

- 96) National Oceanic and Atmospheric Administration – The National Severe Storms Laboratory (NOAA NSSL). 2021a. Severe Weather 101 – Hail. Retrieved from: <https://www.nssl.noaa.gov/education/svrwx101/hail/>.
- 97) National Oceanic and Atmospheric Administration – The National Severe Storms Laboratory (NOAA NSSL). 2021b. Severe Weather 101 – Lightning. Retrieved from: <https://www.nssl.noaa.gov/education/svrwx101/lightning/forecasting/>.
- 98) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 1997. Lightning Fatalities, Injuries and Damage Reports in the United States, 1959-1994, NOAA Tech. Memo No. NWS SR-193.
- 99) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2016. National Weather Service Instruction 10-1605 – Operations and Services Performance, NWSPD 10-16, Storm Data Preparation. Retrieved from: <https://www.ncdc.noaa.gov/stormevents/pd01016005curr.pdf>.
- 100) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2018. Lightning Fatalities by State, 1959-2017. Retrieved from: https://www.weather.gov/media/safety/59-17_State_Ltg_Fatality_Maps_lists.pdf.
- 101) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2021a. Historical Palmer Drought Indices. Retrieved from: <https://www.ncdc.noaa.gov/temp-and-precip/drought/historical-palmers/>.
- 102) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2021b. Watch/Warning/Advisory Definitions. Retrieved from: <https://www.weather.gov/lwx/WarningsDefined>.
- 103) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2021c. Lightning Safety Tips and Resources. Retrieved from: <https://www.weather.gov/safety/lightning>.
- 104) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2021d. Lightning Victims. Retrieved from: <https://www.weather.gov/safety/lightning-victims>.
- 105) National Oceanic and Atmospheric Administration – National Weather Service (NOAA NWS). 2021e. Lightning Fatalities 2020 by State. Retrieved from: <https://www.weather.gov/safety/lightning-fatalities>.
- 106) National Weather Service (NWS). 2004. Tornado History of the United States (spatial data). Retrieved from: <http://www.nationalatlas.gov/>.
- 107) Natural Resources Conservation Service (NRCS). 2020. Soil Survey Geographic Database (SSURGO). Retrieved from:

<https://www.arcgis.com/apps/View/index.html?appid=cdc49bd63ea54dd2977f3f2853e07fff>.

- 108) Northeast Regional Climate Center (NRCC). 2021. Northeast Drought Update. Retrieved from: <http://www.nrcc.cornell.edu/regional/drought/drought.html>.
- 109) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2014. Wildfire Events Reported in Bucks County from 2002 to 2013.
- 110) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2018. Physiographic Provinces of Pennsylvania. Retrieved from: http://elibrary.dcnr.pa.gov/GetDocument?docId=1752507&DocName=Map13_PhysPr ovs Pa.pdf.
- 111) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2019. Wildfire Statistics. Retrieved from: http://elibrary.dcnr.pa.gov/GetDocument?docId=1753392&DocName=dcnr_20033434.pdf.
- 112) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2020a. PaGEODE Geological Survey – Sinkhole Inventory Database. Retrieved from: <https://www.gis.dcnr.state.pa.us/pageode/>.
- 113) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2020b. Inventory of Karst Features (spatial dataset). Retrieved from: <http://www.gis.dcnr.state.pa.us/>.
- 114) Pennsylvania Department of Conservation and Natural Resources (DCNR). 2021. Pennsylvania Groundwater Information System (PaGWIS). Retrieved from: <https://www.dcnr.pa.gov/Conservation/Water/Groundwater/PAGroundwaterInformationSystem/Pages/default.aspx>.
- 115) Pennsylvania Department of Conservation and Natural Resources – Bureau of Forestry (DCNR-BOF). 2020. Pennsylvania Wildfire Summary. Retrieved from: <http://elibrary.dcnr.pa.gov/GetDocument?docId=3549680&DocName=Wildfire%20Summaries%202020.pdf>.
- 116) Pennsylvania Department of Environmental Protection (PA DEP). 2008. *3140-FS-DEP4174: Pennsylvania’s Dam Safety Program Fact Sheet*.
- 117) Pennsylvania Department of Environmental Protection (PA DEP). 2015. Commonwealth of Pennsylvania Department of Environmental Protection Population Projections Report. Retrieved from: https://files.dep.state.pa.us/Water/Division%20of%20Planning%20and%20Conservation/2010_2040PopulationProjections.pdf.
- 118) Pennsylvania Department of Environmental Protection (PA DEP). 2017. Pennsylvania Declared Drought Status 1980-2017. Retrieved from: https://files.dep.state.pa.us/Water/BSDW/Drought/DroughtStatusMaps/PA_Drought_History_Maps_1980_Present.pdf.

- 119) Pennsylvania Department of Environmental Protection (PA DEP). 2019. Pennsylvania Citizen's Guide to Radon. Retrieved from:
<http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=3983&DocName=PENNSYLVANIA%20CITIZEN%26%2339%3bS%20GUIDE%20TO%20RADON.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c%2010/9/2021.>
- 120) Pennsylvania Department of Environmental Protection (PA DEP). 2021a. 2021 Climate Change Impacts Assessment. Retrieved from:
<http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=3667348&DocName=PENNSYLVANIA%20CLIMATE%20IMPACTS%20ASSESSMENT%202021.PDF%20%20%3cspan%20style%3D%22color:green%3b%22%3e%3c%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c%204/30/2023.>
- 121) Pennsylvania Department of Environmental Protection (PA DEP). 2021b. Radon Test Data by ZIP Code. Retrieved from:
<https://www.dep.pa.gov/Business/RadiationProtection/RadonDivision/pages/radon-in-the-home.aspx.>
- 122) Pennsylvania Department of Environmental Protection (PA DEP). 2021c. Climate Change in PA. Retrieved from: <https://gis.dep.pa.gov/ClimateChange/index.html.>
- 123) Pennsylvania Department of Environmental Protection (PA DEP). 2021d. Dam Safety and Emergency Action Planning. Retrieved from:
<https://www.pema.pa.gov/Preparedness/Planning/Community-Planning/Pages/Dam-Safety.aspx.>
- 124) Pennsylvania Department of Environmental Protection (PA DEP). 2021d. Waterways Engineering and Wetlands. Retrieved from:
<https://www.dep.pa.gov/Business/Water/Waterways/pages/default.aspx.>
- 125) Pennsylvania Department of Environmental Protection (PA DEP). 2021e. Pennsylvania Dam Inventory.
- 126) Pennsylvania Department of Health (PA DOH). 2021a. COVID-19 Vaccines. Retrieved from:
<https://www.health.pa.gov/topics/disease/coronavirus/Vaccine/Pages/Vaccine.aspx.>
- 127) Pennsylvania Department of Health (PA DOH). 2021b. Influenza Surveillance Data Archive. Retrieved from:
<https://www.health.pa.gov/topics/disease/Flu/Pages/Archive.aspx.>
- 128) Pennsylvania Department of Health (PA DOH). 2021c. COVID-19 Data for Pennsylvania. Retrieved from:
<https://www.health.pa.gov/topics/disease/coronavirus/Pages/Cases.aspx.>
- 129) Pennsylvania Department of Transportation (PennDOT). 2018. PennDOT Bridge Inspection Terminology. Retrieved from:

<https://www.penndot.gov/ProjectAndPrograms/Bridges/Documents/PennDOT%20Bridge%20Inspection%20Terminology.pdf>.

- 130) Pennsylvania Department of Transportation (PennDOT). 2019a. Pennsylvania Highway Statistics: 2019 Highway Data. Retrieved from: <http://www.dot.state.pa.us/public/pubsforms/Publications/PUB%20600.pdf>.
- 131) Pennsylvania Department of Transportation (PennDOT). 2019b. Crash Facts & Statistics. Retrieved from: <https://www.penndot.gov/TravelInPA/Safety/pages/crash-facts-and-statistics.aspx>.
- 132) Pennsylvania Department of Transportation (PennDOT). 2021a. Bridges. Retrieved from: <https://www.penndot.gov/ProjectAndPrograms/Bridges/pages/default.aspx>.
- 133) Pennsylvania Department of Transportation (PennDOT). 2021b. Road and Bridge Project Construction. Retrieved from: <https://gis.penndot.gov/paprojects/ConstructionMap.aspx#>.
- 134) Pennsylvania Department of Transportation (PennDOT). 2021c. Rapid Bridge Replacement Program. Retrieved from: <https://www.penndot.gov/ProjectAndPrograms/p3forpa/pages/rapid-bridge-replacement-project.aspx>.
- 135) Pennsylvania Department of Transportation (PennDOT). 2021d. PennDOT's Spatial Data Portal. Retrieved from: <https://data-pennshare.opendata.arcgis.com/>.
- 136) Pennsylvania Governor's Economic Development Cabinet (PGEDC). 2005. Commonwealth of Pennsylvania Keystone Principles for Growth, Investment, & Resource Conservation. Retrieved from: <https://www.montcopa.org/DocumentCenter/View/3285/pkp?bidId=>.
- 137) Pennsylvania Emergency Management Agency (PEMA). 2010. *Pennsylvania Emergency Incident Reporting System (PEIRS)*.
- 138) Pennsylvania Emergency Management Agency (PEMA). 2018. Pennsylvania Hazardous Material Emergency Planning and Response Act 1990-165: 2018 Annual Report. Retrieved from: <https://www.pema.pa.gov/Preparedness/Hazardous-Material/Documents/Hazardous-Materials-Annual-Report-2018.pdf>.
- 139) Pennsylvania Emergency Management Agency (PEMA). 2019. Pennsylvania 2018 State Hazard Mitigation Plan: Annual Update October 2019. Retrieved from: <https://pahmp.com/wp-content/uploads/2020/01/PA-2019-SHMP-Update-October-2019-Update.pdf>.
- 140) Pennsylvania Emergency Management Agency (PEMA). 2020a. Pennsylvania Hazard Mitigation Plan Standard Operating Guide. Retrieved from: <https://www.pema.pa.gov/Mitigation/Planning/Documents/All-Hazard-Mitigation-Planning-Standard-Operating-Guide.pdf>.

- 141) Pennsylvania Emergency Management Agency (PEMA). 2020b. Governor Wolf Announces Low-Interest Loans for Survivors of Flooding for Tropical Storm Isaias. Retrieved from: <https://www.media.pa.gov/pages/PEMA-details.aspx?newsid=155>.
- 142) Pennsylvania Emergency Management Agency (PEMA). 2021a. Pennsylvania Governor Proclamations. Retrieved from: <https://www.pema.pa.gov/Governor-Proclamations/Pages/default.aspx>.
- 143) Pennsylvania Emergency Management Agency (PEMA). 2021b. Pennsylvania Repetitive Loss and Severe Repetitive Loss Inventory. Accessed March 2021.
- 144) Pennsylvania Historical & Museum Commission (PHMC). 2021a. Cultural Resources Geographic Information System. Retrieved from: <https://www.phmc.pa.gov/Preservation/Cultural-Resources-GIS/Pages/default.aspx>.
- 145) Pennsylvania Historical & Museum Commission (PHMC). 2021b. Disaster Planning for Historic Properties Initiative. Retrieved from: <https://www.phmc.pa.gov/Preservation/Disaster-Planning/Pages/default.aspx>.
- 146) Pennsylvania Insurance Department (PAID). 2021. Sinkhole Coverage. Retrieved from: <https://www.insurance.pa.gov/Pages/Consumer%20Alerts/Sinkhole-Coverage.aspx>.
- 147) Perkasie School District (PSD). 2000. Perkasie Borough Local History Tour - Drought. Retrieved from: <http://grassroots.pennridge.org/p/p-drought.html>.
- 148) Philadelphia City Planning Commission (PCPC). 2011. Philadelphia 2035: Citywide Vision. Retrieved from: <https://www.phila2035.org/citywide-vision>.
- 149) Philadelphia Water Department (PWD). 2012. Poquessing Watershed Act 167 Stormwater Management Plan - Bucks, Montgomery, and Philadelphia Counties, Pennsylvania. Retrieved from: <https://app.sharebase.com/#/document/199630/share/129--mjpMcOoGDdNDvnxV1zeFJww4Gs>.
- 150) Philly Fire News. 2013. "2 Alarm Fire at Bristol Twp School." Retrieved from: <http://www.phillyfirenews.com/2013/10/01/two-alarm-fire-at-bristol-twp-school/>.
- 151) Prigeon, J. 2021. Why Rising Gas Prices Have Hit Pa., NJ, and Del. *NBC 10 Philadelphia*. Retrieved from: https://www.nbcphiladelphia.com/news/local/why-rising-gas-prices-have-hit-pa-nj-and-de/2810176/?_osource=SocialFlowFB_PHBrand&fbclid=IwAR21CHFgpURDNHFxom1uiPvsmDdTAGeOBYl6Lim-zdI8T1rBZn9neXJ_Ew.
- 152) Redevelopment Authority of the County of Bucks. 2005. Bucks County Waterfront Revitalization Plan. Retrieved from: http://www.bristolborough.com/pdf/bucks_co_waterfront_revitalization_plan_20160623.pdf.
- 153) Salamone, A. 2018. "Flash flooding closes roads, wreaks havoc around Lehigh Valley; 'landslide' on Pa. Turnpike." *The Morning Call*. Retrieved from:

<https://www.mcall.com/news/breaking/mc-nws-pa-turnpike-closed-landslide-20180811-story.html>.

- 154)Saunders-Hastings, P.R., & Krewski, D. 2016. Reviewing the History of Pandemic Influenza: Understanding Patterns of Emergency and Transmission. Retrieved from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5198166/>.
- 155)Seymour, K. 2020. "Weather Service Investigating Tornado in Bucks Co." *Patch News*. Retrieved from: <https://patch.com/pennsylvania/newtown-pa/storm-leaves-97k-bucks-co-without-power-latest-updates>.
- 156)Shetty, M., & Ahern, J. J. 2018. Penn and the 1918 Influenza Epidemic. Penn University Archives & Records Center. Retrieved from: <https://archives.upenn.edu/exhibits/penn-history/flu#:~:text=On%20September%2019%2C%201918%2C%20flu,sailors%20had%20caught%20the%20disease.&text=In%20the%20US%2C%20about%20675%2C000%20hardest%2C%20faced%20over%2060%2C000%20deaths>.
- 157)Specification Online. 2019. What is Radon and how can we protect our homes? Retrieved from: <https://specificationonline.co.uk/sections/housing/articles/2019-11-07/delta-membranes-systems/what-is-radon-and-how-can-we-protect-our-homes->.
- 158)Stone, E. 2021. "Model Alternative Energy Ordinance for Municipalities." *John Mack Your Newtown Voice*. Retrieved from: <https://www.johnmacknewtown.info/altenergy.html>.
- 159)Temple University Center for Sustainable Communities. 2011. Pennypack Creek Watershed Act 167 Plan. Retrieved from: <https://buckscounty.org/docs/default-source/government-documents/pennypackcreekact167drafftfinalplan.pdf?sfvrsn=2>.
- 160)United States Army Corps of Engineers (USACE). 2021a. National Levee Database. Retrieved from: <https://levees.sec.usace.army.mil/#/>.
- 161) United States Army Corps of Engineers (USACE). 2021b. "USACE Publishes Policy Update for Inundation Maps and the National Inventory of Dams." Retrieved from: <https://www.usace.army.mil/Media/News-Releases/News-Release-Article-View/Article/2483323/usace-publishes-policy-update-for-inundation-maps-and-the-national-inventory-of/>.
- 162) United States Census Bureau (US Census). 2010. Decennial Census. Retrieved from: <https://data.census.gov/>.
- 163) United States Census Bureau (US Census). 2013. 2009-2013 American Community Survey. Retrieved from: <https://data.census.gov/>.
- 164) United States Census Bureau (US Census). 2018. Bucks County Job Counts, NAICS Industry Sector. Retrieved from: <https://data.census.gov/>.
- 165) United States Census Bureau (US Census). 2019. 2015-2019 American Community Survey. Retrieved from: <https://data.census.gov/>.

- 166) United States Department of Agriculture (USDA). 2017. Census of Agriculture – Bucks County, Pennsylvania. Retrieved from: https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Pennsylvania/cp42017.pdf.
- 167) United States Department of Agriculture Risk Management Agency (USDA RMA). 2020. Cause of Loss Historical Data Files. Retrieved from: <https://www.rma.usda.gov/SummaryOfBusiness/CauseOfLoss>.
- 168) United States Department of Homeland Security (DHS). 2021. Homeland Infrastructure Foundation-Level Data (HIFLD). Retrieved from: <https://hifld-geoplatform.opendata.arcgis.com/>.
- 169) United States Environmental Protection Agency (US EPA). 2014. EPA Radon Zones. Retrieved from: <https://geopub.epa.gov/Radon/>.
- 170) United States Environmental Protection Agency (US EPA). 2016. “A Citizen’s Guide to Radon.” Retrieved from: https://www.epa.gov/sites/production/files/2016-12/documents/2016_a_citizens_guide_to_radon.pdf.
- 171) United States Fire Administration National Fire Data Center (US Fire Administration). 2019. Fire in the United States 2008-2017 (20th ed.). Retrieved from: https://www.usfa.fema.gov/data/statistics/reports/fius_2008-2017.html.
- 172) United States Geological Survey (USGS). 2000. Hydrologic Aspects of the 1998-99 Drought in the Delaware River Basin – Water-Resources Investigations Report 00-4112. Retrieved from: <https://pubs.usgs.gov/wri/2000/4112/report.pdf>.
- 173) United States Geological Survey (USGS). 2015. Landslide Areas (occurred and susceptible). Retrieved from: <https://geohealth.hhs.gov/arcgis/home/item.html?id=1be9d7bb0f044e7db7e84d71facb0d39>.
- 174) United States Geological Survey (USGS). 2021a. USGS Magnitude 2.5+ Earthquakes Spatial Dataset. Retrieved from: <https://earthquake.usgs.gov/earthquakes/map/?extent=-62.59334,-175.07813&extent=83.52016,-14.76563>.
- 175) United States Geological Survey (USGS). 2021b. Watershed Boundary Dataset. Retrieved from: https://www.usgs.gov/core-science-systems/ngp/national-hydrography/watershed-boundary-dataset?qt-science_support_page_related_con=4#qt-science_support_page_related_con.
- 176) United States Geological Survey (USGS). 2021c. Floods and Recurrence Intervals. Retrieved from: https://www.usgs.gov/special-topic/water-science-school/science/floods-and-recurrence-intervals?qt-science_center_objects=0#qt-science_center_objects.
- 177) United States Small Business Administration (SBA). 2021. Current Declared Disasters for Bucks County, Pennsylvania. Retrieved from: <https://disasterloanassistance.sba.gov/ela/s/search-declarations>.

- 178)Vaisala. 2018. Vaisala 2018 Annual Lightning Report. Retrieved from:
https://www.vaisala.com/sites/default/files/documents/2018%20Annual%20Lightning%20Report_0.pdf.
- 179)Waste Management. 2021. "What is Illegal Dumping?." Retrieved from:
<https://www.wm.com/us/en/support/faqs/what-is-illegal-dumping>.
- 180)WGAL News 8. 2020. "Gov. Tom Wolf places all of Pennsylvania under stay-at-home order." Retrieved from <https://www.wgal.com/article/gov-tom-wolf-places-all-of-pennsylvania-under-stay-at-home-order/32008219>.
- 181)World Health Organization (WHO). 2009. Pandemic (H1N1) 2009 - Update 73.
Retrieved from: https://www.who.int/csr/don/2009_11_06/en/.