

## 6 References

- Air Force Safety Center. (2014). *Air Force Wildlife Strikes by Altitude. FY 1995-2014*. Retrieved May 31, 2016, from <http://www.afsec.af.mil/shared/media/document/AFD-141209-034.pdf>.
- Airport Cooperative Research Program. (2008). *Effects of Aircraft Noise: Research Update on Selected Topics, A synthesis of airport practice*. Washington, D.C.
- American National Standards Institute. (1988). *American National Standard Quantities and Procedures for Description and Measurement of Environmental Sound, ANSI S12-9-1988*. New York: Acoustical Society of America.
- American National Standards Institute, Acoustical Society of America. (2008). *Quantities and Procedures for the Description and Measurement of Environmental Sound - Part 6: Methods for Estimation of Awakenings Associated with Outdoor Noise Events Heard in Homes*.
- Babisch, W. (2014, February 26). Updated Exposure-response Relationship between Road Traffic Noise and Coronary Heart Disease: A Meta-analysis. *Noise & Health, 16*(68), 1-9.
- Babisch, W., & Van Kamp, I. (2009, July 11). *Exposure-resonse Relationship of the Association between Aircraft Noise and the Risk of Hypertension*.
- Bejder, L., Samuels, H., Whitehead, H., Finn, H., & Allen, S. (2009). Impact Assessment Research: Use and Misuse of Habituation, Sensitization, and Tolerance in Describing Wildlife Responses to Anthropogenic Stimuli. *Marine Ecology Progress Series, 395*, 177-185.
- Blue Ridge Research and Consulting, LLC. (2017, September). *Final Report, Aircraft Noise Study to Support the Environmental Impact Statement for Strike Fighter Transition at NAS Oceana*. Virginia.
- BMJ. (2013). Residential Exposure to Aircraft Noise and Hospital Admissions for Cardiovascular Diseases; Multi-Airport Retrospective Study. *BMJ, Correia, A.W, Peters, J.L., Levy, J.I., Melly, S., Dominici, F.*, 347:f5561.
- Bolin, K., & Abom, M. (2010). Air-borne sound generated by sea waves. *Journal of the Acoustic Society of America, 127*, 2771-2779.
- Bowles, A. (1995). Responses of Wildlife to Noise. In R. K. Cole (Ed.), *Wildlife and Recreationists: Coexistence through Management and Research* (pp. 109-156). Washington D.C.: Island Press.
- Bowles, A., Eckert, S., Starke, L., Berg, E., Wolski, L., & Matesic Jr., J. (1999). *Effects of Flight Noise from Jet Aircraft and Sonic Booms on Hearing, Behavior, Heart Rate, and Oxygen Consumption of Desert Tortoises*. U.S. Air Force Research Laboratory. San Diego, CA: Sea World Research Institute, Hubbs Marine Research Center.
- Chesapeake Planning Department. (2014, February 25). *2035 Comprehensive Plan*.
- Chief of Naval Operations. (2015, May). *Shore Investment Guidance*.
- City of Virginia Beach. (2016, May 17). *Comprehensive Plan*.
- City of Virginia Beach Planning Commission. (2008, April 1). *APZ-1/CZ Master Plan*.

- City of Virginia Beach Planning Commission. (2010, June 22). Amended APZ-1/Clear Zone Use and Acquisition Plan.
- Conomy, J., Dubovsky, J., Collazo, J., Fleming, W., , & . (1998). Do Black Ducks and Wood Ducks Habituate to Aircraft Disturbance? *Journal of Wildlife Management*, 62, 1135-1142.
- Council on Environmental Quality. (1997, December 10). *Environmental Justice, Guidance Under the National Environmental Policy Act*. Washington.
- Cowan, J. P. (1994). *Handbook of Environmental Acoustics*. New York: John Wiley & Sons.
- DeChard, S. (2011, June 1). Virginia Department of Historic Resources Architectural Survey Form - Winford White House.
- Department of Defense. (1995, March 24). Department of Defense Strategy on Environmental Justice.
- Department of Defense. (2005). Unified Facilities Criteria. *UFC 2-000-05N*.
- Department of Defense. (2011, June). Department of Defense Instruction 6055.07, Mishap Notification, Investigation, Reporting and Recordkeeping.
- Department of Defense. (2014, October 13). DoD 2014 Climate Change Adaptation Roadmap. Retrieved July 14, 2016, from <http://www.denix.osd.mil/sustainability/plansguidance/unassigned/department-of-defense-fy-2014-climate-change-adaptation-roadmap/>
- Department of Defense. (2015). Department of Defense, Strategic Sustainability Performance Plan FY 2015. Retrieved March 28, 2016, from <http://www.denix.osd.mil/sustainability/upload/DoD-SSPP-FY15-Final.pdf>
- Department of Defense. (2016a, January 14). Directive 4715.21 Climate Change Adaptation and Resilience. Retrieved July 4, 2016, from <http://www.defense.gov/Portals/1/Documents/pubs/471521p.pdf>
- Department of Defense. (2016b). Department of Defense 2016 Operational Energy Strategy. Retrieved March 29, 2016, from [http://www.acq.osd.mil/eie/Downloads/OE/2016%20OE%20Strategy\\_WEBd.pdf](http://www.acq.osd.mil/eie/Downloads/OE/2016%20OE%20Strategy_WEBd.pdf)
- Department of the Navy. (1999, November). Programmatic Agreement for the Navy's Historic Buildings in Hampton Roads.
- Department of the Navy. (2003a, July). Final Environmental Impact Statement (FEIS) for the Introduction of the F/A-18 E/F (Super Hornet) Aircraft to the East Coast of the United States.
- Department of the Navy. (2009, June 16). Methodology for Assessing Hearing Loss Risk and Impacts in DoD Environmental Impact Analysis. Washington D.C.
- Department of the Navy. (2010a, October). A Navy Energy Vision for the 21st Century.
- Department of the Navy. (2010b). Naval Air Station Oceana Air Operations Manual.
- Department of the Navy. (2011, October). Environmental Assessment for Strike Fighter Realignment at Naval Air Station Lemoore, California.

- Department of the Navy. (2012a, March). Environmental Assessment for Implementation of an Airfield Obstructions Management Plan at Naval Auxiliary Landing Field Fentress Virginia.
- Department of the Navy. (2012b, October). Regional Integrated Cultural Resources Management Plan for Naval Installations in Hampton Roads, Virginia.
- Department of the Navy. (2013, November). Environmental Assessment for Implementation of an Airfield Obstructions Management Plan at Naval Air Station Oceana Virginia.
- Department of the Navy. (2014a, August). Record of Categorical Exclusion for a Strike Fighter Squadron Transition at Naval Air Station Oceana.
- Department of the Navy. (2014b, March). Air Installations Compatible Use Zones Addendum, Naval Air Station Oceana, Naval Auxiliary Landing Field Fentress.
- Department of the Navy. (2015a, February). Department of the Navy Fiscal Year (FY) 2016 Budget Estimate. Justification of Estimates.
- Department of the Navy. (2015b, December). Northern Long-Eared Bat Survey Report, Naval Landing Field Fentress, Chesapeake, Virginia.
- Department of the Navy. (2015c, March 15). Record of Categorical Exclusion Airfield Lighting Modernization at NAS Oceana.
- Department of the Navy. (2016, February). Environmental Assessment for the Lease of Property to Support the Construction and Operation of a Solar Photovoltaic System at Naval Air Station Oceana, Virginia Beach, Virginia.
- Department of the Navy. (2017a, April). Integrated Natural Resources Management Plan Naval Air Station Oceana and Naval Auxiliary Landing Field Fentress.
- Department of the Navy. (2017b). *Annual Monitoring Report for the Wildlife Hazard Assessment for Naval Air Station Oceana, October 2015-September 2016.*
- DoD Noise Working Group. (2009, December). Technical Bulletin. *Improving Aviation Noise Planning, Analysis and Public Communication with Supplemental Metrics - Guide to Using Supplemental Metrics.*
- DoD Noise Working Group. (2013). *Improving Aviation Noise Planning, Analysis and Public Communication with Supplemental Metrics - Guide to Using Supplemental Metrics.*
- eBird. (2017, May 8). *An Online Database of Bird Distribution and Abundance [web application]*. Retrieved from <http://www.ebird.org>
- Efroymson, R., Rose, W., Nemeth, S., & Suter, G. I. (2000). Ecological Risk Assessment Framework for Low-Altitude Overflights by Fixed-Wing and Rotary-Wing Military Aircraft. Oak Ridge, Tennessee: Oak Ridge National Laboratory.
- Ellis, D., Ellis, C., & Mindell, D. (1991). Raptor Responses to Low-level Jet Aircraft and Sonic Booms. *Environmental Pollution, 74*, 53-83.
- Federal Interagency Committee on Noise. (1992). *Federal Review of Selected Airport Noise Analysis Issues.*

- Federal Interagency Committee on Urban Noise. (1980). *Guidelines for Considering Noise in Land Use Planning and Control*. Washington, DC.
- Federal Interagency Working Group on Environmental Justice. (2016). Promising Practices for EJ Methodologies in NEPA Reviews.
- Georgetown Climate Center. (2015, February 17). Understanding Virginia's Vulnerability to Climate Change. Retrieved August 31, 2016, from <http://www.georgetownclimate.org/files/report/understanding-virginias-vulnerability-to-climate-change.pdf>
- Gold Key PHR. (2016, June 13). *The Cavalier Reimagined*. Retrieved from The Cavalier: <http://www.cavalierhotel.com/>
- Governor's Climate Change and Resiliency Update Commission. (2015, December 21). Report and Final Recommendations to the Governor. Retrieved August 31, 2016, from <https://naturalresources.virginia.gov/media/5101/climate-commission-and-resiliency-update-commission-report.pdf>
- Grubb, T., & Bowerman, W. (1997). Variations in Breeding Bald Eagle Responses to Jets, Light1 Planes and Helicopters. *Journal of Raptor Research*, 31, 213-222.
- Hall, L., Krausman, P., & Morrison, M. (1997). The Habitat Concept and a Plea for Standard Terminology. *Wildlife Society Bulletin*, 173-182.
- Hampton Roads. (2009, December 17). Hampton Roads Automatic Aid Between Emergency Services, Part II. A Final Report to the Honorable Timothy M. Kaine, Governor and Virginia General Assembly. *Prepared in response to 2008 House Joint Resolution 155 by the Staff of Hampton Roads Planning District Commission*.
- Hampton Roads Planning District Commission. (2005, April). Hampton Roads Joint Land Use Study.
- Hampton Roads Planning District Commission. (2012, July). Climate Change in Hampton Roads Phase III: Sea Level Rise in Hamptn Roads, Virginia.
- Huang, D., Song, X., Cui, Q., Tian, J., Wang, Q., & Yang, K. (2015). Is There an Association between Aircraft Noise Exposure and the Incidence of Hypertension? A Meta-analysis. *Noise & Health*, 17, 93-97.
- Intergovernmental Panel on Climate Change. (2013). *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Retrieved from <http://www.ipcc.ch/report/ar5/wg1/>
- Kepleis, N., Nelson, W., Ott, W., Robinson, J., Tsang, A., Switzer, P., . . . Engelmann, W. (2001). The National Human Activity Pattern Survey (NHAPS): a resource for assessing exposure to environmental pollutants. *Journal of Exposure Analysis and Environmental Epidemiology*, 231-252.
- Krausman, P., Wallace, M., DeYoung, D., Weisenberger, M., & Hayes, C. (1993). The Effects of Low-Altitude Jet Aircraft on Desert Ungulates. *International Congress: Noise as a Public Health Problem*, 6, 471-478.

- Krausman, P., Wallace, M., Hayes, C., & DeYoung, D. (1998). Effects of Jet Aircraft on Mountain Sheep. *Journal of Wildlife Management*, 62, 1246-1254.
- Krausman, P., Weissenberger, M., Wallace, M., Czech, B., DeYoung, D., & Maughan, O. (1996). Behavioral Responses of Mule Deer and Mountain Sheep to Simulated Aircraft Noise. *Desert Bighorn Council Transactions*, 40, 1-7.
- Lamp, R. (1989). Monitoring the Effect of Military Air Operations at Naval Air Station Fallon on the Biota of Nevada. Reno: Nevada Department of Wildlife.
- Larkin, R., Pater, L., & Tazik, D. (1996). Effects of Military Noise on Wildlife: A Literature Review.
- Ludlow, B., & Sixsmith, K. (1999). Long term effects of military jet aircraft noise exposure during childhood on hearing. *Noise & Health*, 2(5), 33-39.
- National Institute for Occupational Health and Safety. (1998). *Criteria for a Recommended Standard Occupational Noise Exposure, Revised Criteria*. Cincinnati: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.
- Naval Air Station Oceana. (2008). Air Traffic Activity Report.
- Naval Air Station Oceana. (2009). Air Traffic Activity Report.
- Naval Air Station Oceana. (2010). Air Traffic Activity Report.
- Naval Air Station Oceana. (2011). Air Traffic Activity Report.
- Naval Air Station Oceana. (2013). Air Traffic Activity Report.
- Naval Air Station Oceana. (2014a). Air Traffic Activity Report.
- Naval Air Station Oceana. (2014b, February). NAS Oceana Bird Animal Strike Hazard (BASH) Program (NASOCEANAINST 3750.4).
- Naval Safety Center. (2017). Comparison of Aviation Mishap Rates for Hornet Squadrons During Periods of Extended Reduced Flight Hours with Periods of Normal Flight Operations. Edward Hobbs.
- Newbill, M. (1988, February 22). National Register of Historic Places Registration Form - de Witt Cottage.
- Pepper, C., Nascarella, M., & Kendall, R. (2003). A Review of the Effects of Aircraft Noise on Wildlife and Humans, Current Control Mechanisms, and the Need for Further Study. *Environmental Management*, 32(4), 418-432.
- Pike, D. (2008, June 10). Environmental Correlates of Nesting in Loggerhead Turtles, *Caretta caretta*. *Animal Behavior*, 76, 603-610.
- Pollard, M. (2013, December 9). Cavalier Hotel National Register of Historic Places Registration Form.
- Smith, D., Ellis, D., & Johnson, T. (1988). Raptors and Aircraft. *Proceedings of the Southwest Raptor Management Symposium*, 360-367.
- The Center for Conservation Biology. (2016, July). *CCB Mapping Portal*. Retrieved from <http://www.ccbbirds.org/maps/#eagles>

- U.S. Census Bureau. (2016a, June 1). *Table DP03, Selected Economic Characteristics, 2010-2014 American Community Survey 5-Year Estimates*. Retrieved from <http://factfinder.census.gov>
- U.S. Census Bureau. (2016b, June 1). *Table DP05, ACS Demographic and Housing Estimates, 2010-2014 American Community Survey 5-Year Estimates*. Retrieved from <http://factfinder.census.gov>
- U.S. Environmental Protection Agency. (1974). *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with and Adequate Margin of Safety*. EPA 550/9-74-004. Washington, DC: Office of Noise Abatement and Control.
- U.S. Environmental Protection Agency. (1982). *Guidelines for Noise Impact Analysis*. EPA 550/9-82-105. Washington, DC: Office of Noise Abatement and Control.
- U.S. Environmental Protection Agency. (1992). *Procedures of Emissions Inventory Preparation, Volume IV: Mobile Sources*.
- U.S. Environmental Protection Agency. (2016a, March 9). *Air Emissions Inventory*. Retrieved from 2011 National Emissions Inventory (NEI) Data: <https://www.epa.gov/air-emissions-inventories/2011-national-emissions-inventory-nei-data>
- U.S. Environmental Protection Agency. (2016b, June 8). *U.S. Environmental Protection Agency Environmental Justice*. Retrieved from U.S. Environmental Protection Agency Environmental Justice: <https://www.epa.gov/environmentaljustice>
- U.S. Environmental Protection Agency. (2016c). *Climate Change Indicators in the United States, 2016. Fourth Edition*. Retrieved August 9, 2016, from <https://www.epa.gov/climate-indicators>
- U.S. Environmental Protection Agency. (2016d, February 8). *Summary of the Energy Policy Act 2005*. Retrieved June 30, 2016, from <https://www.epa.gov/laws-regulations/summary-energy-policy-act>
- U.S. Environmental Protection Agency. (2016e, August 9). *Climate Change Regulatory Initiatives*. Retrieved August 31, 2016, from <https://www3.epa.gov/climatechange/EPAactivities/regulatory-initiatives.html>
- U.S. Fish and Wildlife Service. (2001). *Endangered and Threatened Wildlife and Plants; Final Determinations of Critical Habitat for Wintering Plovers; Final Rule*. *Federal Register* 66:36038-36132.
- U.S. Fish and Wildlife Service. (2005). *Red Knot Factsheet*.
- U.S. Fish and Wildlife Service. (2011). *Roseate Tern: North American Subspecies Factsheet*.
- U.S. Fish and Wildlife Service. (2013). *Endangered and Threatened Plants; 12-Month Finding on a Petition to List the Eastern Small-Footed Bat and the Northern Long-Eared Bat as an Endangered Species; Proposed Rule*. *Federal Register* 78:61046-61080.
- U.S. Fish and Wildlife Service. (2014). *Endangered and Threatened Wildlife and Plants; Threatened Species Status for the Rufa Red Knot: Final Rule*. *Federal Register*.
- U.S. Fish and Wildlife Service. (2016a, July). *IPaC Trust Resources Report*.

- U.S. Fish and Wildlife Service. (2016b, January 1). Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions. Bloomington, Minnesota.
- U.S. Fish and Wildlife Service, Division of Migratory Bird Management. (2008, December). Birds of Conservation Concern 2008.
- U.S. Geological Survey. (2007). NABCI Bird Conservation Regions, Map Data for Atlases. Retrieved May 22, 2017, from <https://www.pwrc.usgs.gov/bba/index.cfm?fa=bba.getData>
- Van Kempen, E., Kruize, H., Boshuizen, H., Ameling, C., Staatsen, B., & De Hollander, A. (2002, March). The Association between Noise Exposure and Blood Pressure and Ischemic Heart Disease: A Meta-analysis. *Environmental Health Perspectives*, 110(3), 307-317.
- Vienneau, D., Perez, L., Schindler, C., Probst-Hensch, N., & Roosli, M. (2013, September). The relationship between traffic noise exposure and ischemic heart. *Noise Control for Quality of Life*. Austria: Internoise.
- Virginia Beach Department of Economic Development. (2015, May 1). *Cavalier Hotel*. Retrieved from Virginia Beach Economic Development: <http://www.yesvirginiabeach.com/resources/cavalier-hotel>
- Virginia Department of Conservation and Recreation, Division of Natural Heritage. (2016b, February). Natural Heritage Resources of Virginia: Rare Animals.
- Virginia Department of Environmental Quality. (2016a). *What is the Coastal Zone Management Program?* Retrieved from <http://www.deq.virginia.gov/Programs/CoastalZoneManagement/DescriptionBoundary.aspx>
- Virginia Department of Game and Inland Fisheries. (2016a). Northern Long-eared Bat (050022).
- Virginia Department of Game and Inland Fisheries. (2016b). Bat, Rafinesque's eastern big-eared (050034).
- Virginia Department of Game and Inland Fisheries. (2016c). Tri-colored Bat (050027).
- Virginia Department of Game and Inland Fisheries. (2016d). *Black Rail (040110)*.
- Virginia Department of Game and Inland Fisheries. (2016e). Gull-billed Tern (040179).
- Virginia Department of Game and Inland Fisheries. (2016f). Henslow's Sparrow (040379).
- Virginia Department of Game and Inland Fisheries. (2016g). Loggerhead Shrike (040293).
- Virginia Department of Game and Inland Fisheries. (2016h). Peregrine Falcon (040096).
- Virginia Department of Game and Inland Fisheries. (2016i). Piping Plover (040120).
- Virginia Department of Game and Inland Fisheries. (2016j). Red Knot (040144).
- Virginia Department of Game and Inland Fisheries. (2016k). Roseate Tern (040183).
- Virginia Department of Game and Inland Fisheries. (2016l). Wilson's Plover (040118).
- Virginia Department of Game and Inland Fisheries. (2016m). Kemp's Ridley Sea Turtle (030074).

- Virginia Department of Game and Inland Fisheries. (2016n). Loggerhead Sea Turtle (030071).
- Virginia Department of Game and Inland Fisheries. (2017a, May 8). *Geographic Search*. Retrieved from Fish and Wildlife Information Service: <http://vafwis.org/fwis/?Menu=Home.Geographic+Search>
- Virginia Department of Game and Inland Fisheries. (2017b, May 8). *Virginia Golden Eagle Research and Conservation*. Retrieved from <https://www.dgif.virginia.gov/wildlife/birds/golden-eagle/>
- Virginia Department of Historic Resources. (2016, June 14). Retrieved from Virginia Cultural Resource Information System: <https://vcris.dhr.virginia.gov/vcris/Account/Login?ReturnUrl=%2fvcris%2f>
- Virginia Institute of Marine Science. (2014, December). Virginia Accomplishments Since the 2008 Climate Action Plan Release. Retrieved August 31, 2016, from <https://naturalresources.virginia.gov/media/5081/vims-climate-audit.pdf>
- Weisenberger, M., Krausman, P., Wallace, M., DeYoung, D., & Maughan, O. (1996). Effects of Simulated Jet Aircraft Noise on Heart Rate and Behavior of Desert Ungulates. *Journal of Wildlife Management*, 60, 52-61.
- Workman, G., Bunch, T., Call, J., Evans, R., L.S., N., & Rawlings, E. (1992). Sonic Boom/Animal Disturbance Studies on Pronghorn Antelope, Rocky Mountain Elk, and Bighorn Sheep.
- World Health Organization. (2000). Guidelines for Community Noise.