LIST OF REFERENCES

- Ahern, Mike, et al. Global Health Impacts of Floods: Epidemiologic Evidence. Epidemiologic Reviews, 2005, Vol. 27.
- Air Quality, Mitigation Measures and BMPs in Alternatives 1, 2 And 3. https://northeastdiesel.org/construction.html.
- American Community Survey 5-Year Estimates. Data from 2014. Based on 2010 US Census Data. Accessible at: https://www.census.gov/programs-surveys/acs/
- Atlantic States Marine Fisheries Commission (ASMFC). Available online at http://www.asmfc.org/about-us/program-overview
- "Avoidance of Pile-Driving Noise by Hudson River Sturgeon during Construction of the New NY Bridge at Tappan Zee", Krebs, J. et. al. Adv Exp Med Biol. 2016;875:555-63
- Bain, M.B., M.S. Meixler, and G.E. Eckerlin. 2006. Biological Status of Sanctuary Waters of the Hudson River Park in New York. Final Project Report for the Hudson River Park Trust. Cornell University.
- Baranowski, Elise A. Hoboken Piers Headhouse, HAER-NJ-63. Accessed March 10, 2016. http://www.loc.gov/pictures/collection/hh/item/nj1014/, 1988.
- Bellrose, F.C. 1968. Waterfowl Migration Corridors East of the Rocky Mountains in the United States. Biol. Notes, No. 61. Nat. Hist. Surv., Urbana, Illinois.
- Beryl, R. and M.F. Buell, Vegetation of New Jersey (New Brunswick: Rutgers University Press) 1973, 123, 169; RGA, Inc. (RGA), Stage IA Cultural Resources Survey: Washington Street Water Main Replacement and Complete Street Redesign, City of Hoboken, Hudson County, New Jersey, (On file, Trenton: NJHPO), 2015a.
- Bloomberg Press. Photograph. "When Good is not Good Enough: One Year after Sandy." October 2013. Accessed December 2016. https://www.bloomberg.com/company/announcements/when-good-is-not-good-enough-one-year-after-sandy/
- Blumberg, A., Herrington, T., Yin, L., and Georgas, N. October 2014. Street Scale Modeling of Storm Surge Inundation along the New Jersey Hudson River Waterfront. Davidson Laboratory Technical Report TR-2933. Hoboken, NJ. Stevens Institute of Technology.
- --- Collaborative Design and Dynamic Modeling for Urban Coastal Flood Adaptation

- --- Street Scale Modeling of Storm Surge Inundation along the New Jersey Hudson River Waterfront
- Blumberg et al. 2015. Street Scale Modeling of Storm Surge Inundation along the New Jersey Hudson River Waterfront. Journal of Atmospheric and Oceanic Technology.
- Bolton, Reginald Pelham. "New York City in Indian Possession." Indian Notes & Monographs, Vol II, No. 7. New York: Heye Foundation, Museum of the American Indian, 1920.
- --- "Indian Paths in the Great Metropolis." Indian Notes & Monographs, Misc. Publ. No. 23. New York: Heye Foundation, Museum of the American Indian, 1922.
- Brenze, Kathryn, January 12, 2015. Pearson Education Gearing up to Move into New Hoboken Headquarters. http://www.nj.com/hudson/index.ssf/2015/01/pearson_gearing_up_to_move_into_hobokenoffice.html/ Accessed November 2, 2016.
- Brosnan, T.M. and M.L. O'Shea. 1995. New York Harbor Water Quality Survey: 1994. New York City Department of Environmental Protection, Marine Sciences Section, Wards Island, NY.
- Burd, Joshua, September 29, 2014 John Wiley & Sons Keeps HQ in Hoboken with 400,000-square-foot Renewal. September 29, 2014 at 1:28 PM, http://www.njbiz.com/article/20140929/NJBIZ01/140929743/john-wiley--sons-keeps-hq-in-hoboken-with-400000squarefoot-renewal. Accessed November 2, 2016.
- Burd, Joshua, August 10, 2016 "Marsh & McLennan Renews Lease in Hoboken for 15 Years" http://www.njbiz.com/article/20160810/NJBIZ01/160819968/marsh--mclennan-renews-lease-in-hoboken-for-15-years Years." Accessed 2. November 2016.
- Carl E. Hanson, David A. Towers, and Lance D. Meister are the authors of this document. *Transit Noise and Vibration Impact Assessment*. (FTA-VA-90-1003-06, May 2006). Prepared for the U.S. Department of Transportation and the Federal Transit Administration. Accessed at: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA_Noise_and_Vibration_Manual.pdf.
- Carnegie, et. al. City of Hoboken, New Jersey, Proposed Stormwater Plan, Health Impact Assessment, Final Report. September 2016.

- Centers for Disease Control and Prevention (CDC). https://www.cdc.gov/
- Centers for Disease Control and Prevention. Flood Waters or Standing Waters. January 23, 2013.
- Centers for Disease Control and Prevention. Guidance on Microbial Contamination in Previously Flooded Outdoor Areas. Centers for Disease Control and Prevention. March 2011.
- Centers for Disease Control and Prevention. Mold After a Disaster. April 22, 2015.
- Centers for Disease Control and Prevention. Water-related Emergencies & Outbreaks. December 4, 2015.
- City-data.com. "Jersey City: History." Accessed May 23, 2016 at http://www.city-data.com/us-cities/The-Northeast/Jersey-City-History.html.
- City of Hoboken. Available online at http://www.hobokennj.org/visit/history/
- City of Hoboken. Green Acres Program and Federal Land and Water Conservation Fund. Available at: http://www.hobokennj.org/2013/09/hobokencommunity-celebrates-opening-of-newest-park-at-1600-park-ave/
- City of Hoboken, New Jersey Proposed Stormwater Management Plan Health Impact Assessment (HIA) Final Report Last Revised: 9/19/2016
- City of Hoboken, 2014. Hoboken Yard Redevelopment Plan. http://www.hobokennj.org/docs/communitydev/Hoboken-Yard-Redevelopment-Plan-Presentation.pdf.
- City of Hoboken. Photographs. Integrating Hazard Mitigation and Comprehensive Planning Workshop, April 25, 2016.
- City of Hoboken, NJ Code, http://ecode360.com of Hoboken, NJ Zoning 15237147. Accessed May 26, 2016.
- City of Hoboken, 2015. Redevelopment Areas and Studies. http://hobokennj. gov/departments/community-development/redevelopment-areas-and-studies/
- City of Hoboken, 2010. Reexamination Report. EFB Associated, New Paltz, NY. http://hobokennj.gov/docs/communitydev/Hoboken-Reex-2010-Final.pdf

- City of Jersey City. 2001 Land Use Map. http://www.cityofjerseycity.com/uploadedFiles/City_Government/Department_of_Housing.Economic_Development_and_Commerce/MasterPlanLandUseMap.pdf. Accessed May 11, 2016.
- City of Jersey City. Collaborative Climate Adaptation Planning for Urban Coastal Flooding Study. January 2015. Available at: http://www.cityofjerseycity.com/uploadedFiles/City_Government/Department_of_Housing,_Economic_Development_and_Commerce/City_Planning/Orton_SGJC_Charette_v3_noanimations.pdf
- City of Jersey City. Sandy Recovery Strategic Planning Report. August 2014. Available at: http://www.cityofjerseycity.com/uploadedFiles/City_Government/Department_of_Housing,_Economic_Development_and_Commerce/City_Planning/Jersey%20City%20Strategic%20Recovery%20Planning%20Report%20(larger%20maps).pdf
- City of Jersey City. 2001 Zoning Code http://www.cityofjerseycity.com/uploadedFiles/Data/ZoningMap20150527.pdf. Accessed May 11, 2016.
- Coastal Environmental Services. 1987. Television City Project: Characterization of the Aquatic Ecology of the Site and Assessment of Potential Impacts of the Project on the Aquatic Biota. Prepared for Berle, Kass, and Case, New York, NY; McKeown and Franz, Inc., New York, NY; and The Trump Organization, New York, NY.
- CNN. Photograph. "Photos: Hurricane Sandy Then and Now." October 2012.

 Accessed December 2016. http://www.cnn.com/2013/10/27/us/gallery/sandy-then-and-now/index.html
- Creative Commons. Photograph. October 2012. "Flood-Prone East Coast City Plans Microgrid to Keep Power on for the Vulnerable." Accessed on November 29, 2016. https://creativecommons.org/licenses/by/2.0/.
- Cruz, Vanessa. Hudson Reporter. "Three High Rises for River Road." April 2013. Accessed on November 30, 2016. Received from: http://hudsonreporter.com/view/full_story/22305994/article-Three-high-rises-for-River-Road-North-Bergen-Planning-Board-approves-Riverview-development.
- Cumulative Impacts, Project Descriptions, Comprehensive Resiliency Planning Initiative (Jersey City). Jersey City published the Draft Adaptation Master Plan in March 2017.

- Visualizations of Adaptation Scenarios and Next Steps White Paper (2015)
- Dalton et al, Bedrock Geology and Topographic Base Maps of New Jersey, accessed March 21, 2016, http://mrdata.usgs.gov/geology/state/state.php?state=NJ
- Doherty, Joan F. Hudson County: The Left Bank. Northridge, California: Windsor Publications, Inc., 1986.
- Douglas, L.F. Topographical Map of Jersey City, Hoboken, and the Adjacent Country. Jersey City: Douglas, 1841.
- EA Engineering Science and Technology. 1990. Phase I Feasibility Study of the Aquatic Ecology along the Hudson River in Manhattan. Final Report. Prepared for New York City Public Development Corporation, New York, NY. Newburgh, NY.
- EEA. 1988. Hudson River Center Site Aquatic Environmental Study. Final Report. Garden City, NY.
- NorthJersey.com. "Edgewater Hess site primed for redevelopment." March, 2015. Available at: http://www.northjersey.com/news/business/edgewater-tract-primed-for-reuse-1.1293835?page=all
- Environmental Data Resources Inc. http://www.web.edrnet.com/
- Environmental Data Resources, EDR® DataMap™ Area Study, 4348785.1s, July 15, 2009.
- Environmental Data Resources, Certified Sanborn® Map Report, 4354581.3, July 17, 2009.
- Environmental Data Resources, The EDR® Aerial Photo Decade Package, 4342587.4, July 7, 2015.
- Everson, Emily. Photograph. Hoboken Patch. "Hoboken Remembers Superstorm Sandy, Two Years After the Storm." October 2012. Accessed December 2016. http://patch.com/new-jersey/hoboken/hoboken-remembers-hurricane-sandy-two-years-later-0
- Farmland Protection Act of 1981. http://usda.gov/wps/portal/nrcs/main/nation/ Accessed May 21/2016.

- Federal Emergency Management Agency (FEMA). Critical Facilities and Higher Standards Fact Sheet. http://www.fema.gov/media-library-data/1436818953164-4f8f6fc191d26a924f67911c5eaa6848/FPM_1_Page_CriticalFacilities.pdf. Accessed May 21, 2016.
- Federal Flood Risk Management Standard (FFRMS), EO 13690, Federal Emergency Management Agency-Region II, 26 Federal Plaza, New York City, NY.
- Federal Register, Volume 79 No. 200 (79 FR 62182). United States Government Publishing Office, October 16, 2014. Retrieved from: https://www.gpo.gov/fdsys/pkg/FR-2014-10-16/pdf/2014-24662.pdf
- Final Guidance for Federal Departments and Agencies on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in National Environmental Policy Act Reviews. Council on Environmental Quality. August 1, 2016
- Final Report: An Evaluation of I/I and Illicit Flow in West New York, NJ and Flood Mitigation in Hoboken, NJ. EmNet, LLC. December 2013.
- Flood Hazard Risk and Compliance Concerning Development on Piers and Platforms October 2013, Princeton Hydro, LLC. Ringoes NJ.
- Flood Insurance Study, Hudson County, New Jersey December 20, 2013 (Draft), Federal Emergency Management Agency-Region II, 26 Federal Plaza, New York City, NY.
- Flooding Information. City of Hoboken. 2016. Retrieved from: http://hobokennj.gov/departments/environmental-services/storm-flood-zones/.
- Gardiner, Kurt. Flickr. Photograph. November 2012. Accessed on December 2016. https://www.flickr.com/photos/34937556@N05/8145305625
- Gabrielan, Randall. Hoboken History & Architecture at a Glance. Atglen, Pennsylvania: Schiffer Publishing Company, 2010.
- Geismar, Joan. HBLR MOS-2 Jersey Avenue Viaduct, Phase IB Technical Report. On file, Trenton: NJHPO, 2006.
- Googletm Earth, Street View

- ---HBLR MOS-1 Long Slip, Jersey City-Hoboken, Hudson County, New Jersey, Field Testing and Data Recovery Report. On file, Trenton: NJHPO, 2004a.
- --- HBLR MOS-2, 2nd Street Station, Hoboken, Hudson County, New Jersey, Memo Report on Archaeological Field Testing. On file, Trenton: NJHPO, 2004b.
- Hans, Jim. 100 Hoboken Firsts. Hoboken: Hoboken Historical Museum, 2005.
- Hartman, David and Barry Lewis. "A Walk through Hoboken." Accessed February 9, 2016. http://wwww.thirteen.org/hoboken/history.cfm
- Historical Perspectives, Inc. and The Louis Berger Group, Inc. Archaeological Documentary Study No. 7 Line Extension/Hudson Yards Rezoning, New York, New York. On File, New York: Landmarks Preservation Commission, 2004.
- Hoboken 411. Photograph. "Photos (of Hoboken Flooding)." May 2015.

 Accessed on December 2016. http://hoboken411.com/archives/112803
- Hoboken Green Infrastructure Strategic Plan. Together North Jersey. October 2013. Retrieved from: https://onedrive.live.com/view.aspx?resid=2F0F556D77 3BC90F!2343&app=WordPdf.
- Hoboken Historical Museum. The Stevens Family. Accessed online at https://www.hobokenmuseum.org/history/the-stevens-family.
- "Hoboken's Post-Sandy Resilience." Center for Science and Democracy. Fact sheet. February, 2014. Retrieved from: http://www.ucsusa.org/sites/default/files/legacy/assets/documents/center-for-science-and-democracy/hoboken-post-sandy-resilience.pdf
- Hoboken Planning Board. City of Hoboken Master Plan. City of Hoboken: Hoboken Planning Board, 2004.
- Hoboken Resiliency and Readiness Plan, August 2013, City of Hoboken, Hudson County NJ
- Holochuck, N. 2000. Hudson River Submerged Aquatic Vegetation. New York Sea Grant Extension Program, Kingston, NY.
- Hudson County, 2008. Reexamination of the Master Plan. http://www.hudsoncountynj.org/wp-content/uploads/2013/06/Hudson_County_Master_

- Plan_Reexamination_Report_2008.pdf.
- Hudson River Foundation. Available online at www.hudsonriver.org
- "Hudson River Hoboken Weehawken Jersey City, New Jersey Draft scoping Document Environmental Impact Statement Draft Scope of Work Rebuild by Design". Free Electronic Library. Page 3. Available at: http://www.dis.xlibx.info/dd-other/360804-3-hudson-river-hoboken-weehawken-jersey-city-new-jersey-draft-scop.php
- Jersey City Online. "Jersey City: America's Golden Door." Accessed online May 30, 2016 at http://www.jerseycityonline.com/history/jc_history.htm.
- Kalm, James. Aka. Loren Munk. Photograph. October 2012. Accessed November 29, 2016. http://joannemattera.blogspot.com/2012/11/marketing-mondays-hell-and-high-water.html
- Karnoutsos, Carmela. Jersey City Past and Present. Jersey City: New Jersey City University, 2007. Accessed online at https://www.njcu.edu/programs/jchistory/pages/D Pages/Dutch West India Co.htm.
- Levandowsky, M. and D. Vaccari. 2004. Analysis of Phytoplankton Data from Two Lower Manhattan Sites. Final Report of a Grant from the Hudson River Foundation.
- Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. The National Wetland Plant List: 2016 wetland ratings. Phytoneuron 2016-30: 1-17. Published 28 April 2016. ISSN 2153 733X.
- Lurie, Maxine N. and Marc Mappen. Encyclopedia of New Jersey. New Brunswick: Rutgers University Press, 2004.
- Marcopul, Katherine 2017 New SHPO Opinion, R.B. Davis Company. Hudson County, Hoboken City, Weehawken Township, Jersey City. Rebuild by Design: Resist, Delay, Store, Discharge Project. Community Development Block Grant-Disaster Recovery. Department of Housing and Urban Development.
- Margolin, Josh. New York Post. "NJ Transit Investigating its Preparations for Hurricane Sandy after Numerous Trains Damaged in Storm." November 2012. Accessed December 2016. http://nypost.com/2012/11/17/nj-transit-investigating-its-preparations-for-hurricane-sandy-after-numerous-trains-damaged-in-storm/

- Mary Delaney Krugman Associates, Inc. and William Sandy. Preliminary Cultural Resource Study (Existing Conditions) for the Frank Sinatra Drive Visioning and Conceptual Design Plan. On File, Trenton: New Jersey Historic Preservation Office, 2014.
- Matheson, Mark P. Department of Psychiatry, Medical Sciences Building, Queen Mary, University of London, London, UK
- Meyers, Russell W., Deputy State Historic Preservation Officer. Correspondence and attached comments regarding Weehawken to Edgewater Reach [aka Hoboken to North Bergen Reach] New York Harbor Collection and Removal of Drift to Colonel F.H. Griffis, District Engineer, U.S. Army Corps of Engineers September 12, 1984.
- Mid-Atlantic Fisheries Council (MAMFC). Available online at http://www.mafmc.org/
- Moss, Linda. April 3, 2014. Thomson Reuters relocating 450 workers to Hoboken. http://www.northjersey.com/news/business/thomson-reuters-relocating-450-workers-to-hoboken-1.841182 Accessed November 2, 2016.
- Munoz, Eduardo. NPR. Photograph. "Latest on Sandy: Death Toll Rises, Wait for 'Normal' Life Continues." October 2012. Accessed December 2016. http://www.npr.org/sections/thetwo-way/2012/10/31/164014421/latest-on-sandy-death-toll-rises-wait-for-normal-life-continues
- National Historic Preservation Act of 1966, as amended 2004 (NHPA). 36 CFR 800.1-.16d.
- National Historic Preservation Act (16 U.S.C. 470); as amended; re-codified under Title 54 "National Park Service and Related Programs." 54 U.S.C. 300101 et seq., 2015
- Advisory Council on Historic Preservation. *Protection of Historic Properties*. Regulations implementing Section 106 of the NHPA 36 CFR 800.
- National Marine Fisheries Service (NMFS). Summary of Essential Fish Habitat (EFH) Designation. Available online at: http://www.noaa.gov/index.html
- National Park Service. National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. Washington, D.C.: U.S. Department of Interior, National Park Service, Cultural Resources, Interagency Resources Division, 1995.



National Register of Historic Places. 36 CFR 60

- National Resource Conservation Service, Web Soil Survey. Accessed March 21, 2016, http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm
- JERSEY CITY UPFRONT. "Neighborhood News: First Hudson Exchange West Tower Tops Out, 308-Unit Building Coming to LSP." August, 2016. Accessed at: http://www.jerseycityupfront.com/neighborhood-news-first-hudson-exchange-west-tower-tops-out-308-unit-building-coming-to-lsp/.
- New Jersey Department of Environmental Protection (NJDEP), 1995/97 Color Infrared Digital Imagery.
- New Jersey Department of Environmental Protection (NJDEP), Office of Information Resources Management (OIRM), Bureau of Geographic Information Systems (BGIS). NJDEP New Jersey Environmental Management System (NJEMS) Sites, Version 201010 (NJ-GeoWeb Layer). Trenton: DJ Department of Environmental Protection, 2016. Accessed online at http://www.nj.gov/dep/gis/geowebsplash.htm.
- NJDEP Data Miner, April 24, 2013 http://datamine2.state.nj.us/dep/DEP_OPRA/.
- NJDEP Bureau of Geographic Information (GIS) & Analysis and Natural Resources Conservation, 2002. New Jersey Department of Environmental Protection, Trenton NJ.
- NJDEP Bureau of GIS, NJDEP Division of Fish & Wildlife, Endangered & Nongame Species Program. New Jersey Department of Environmental Protection. 2014. Landscape Project Version 3.1, accessed via NJDEP GeoWeb. Available online at http://www.nj.gov/dep/gis/geowebsplash.htm.
- NJDEP 1987. Freshwater Wetlands Protection Act. New Jersey Department of Environmental Protection, Trenton NJ. Available online at http://www.nj.gov/dep/landuse/download/13_9b.pdf
- NJDEP Bureau of Tidelands, Sheet 693-2172, Sheet 686-2172, Sheet 700-2178 and Sheet 693-2178.
- NJDEP Geographic Information System geospatial data. New Jersey Department of Environmental Protection, Trenton NJ.

- NJDEP 2016. Green Acres Program. http://www.nj.gov/dep/Greenacres.com. Accessed August 16, 2016.
- NJDEP, Historic Fill Material Technical Guidance. Version 2.0. April 29, 2013.
- NJDEP, Office of Information Resources Management (OIRM), Bureau of Geographic Information Systems (BGIS). NJDEP New Jersey Environmental Management System (NJEMS) Sites, Version 201010 (NJ-GeoWeb Layer). Trenton: DJ Department of Environmental Protection, 2016. Accessed online at http://www.nj.gov/dep/gis/geowebsplash.htm.
- NJDEP, Open Public Records Act Record Requests Room, Files reviewed on:
- July 14, 2015, July 15, 2015, July 16, 2015, July 22, 2015, July 23, 2015,
 September 14, 2015, September 15, 2015, October 14, 2015, October 15,
 2015, December 7, 2015, December 8, 2015, December 14, 2015, December 15, 2015, December 28, 2015, December 29, 2015, January 11, 2016,
 January 12, 2016, January 25, 2016, January 26, 2016, February 1, 2016,
 February 8, 2016, February 16, 2016, April 11, 2016, May 9, 2016, June 5,
 2016, October 13, 2016, October 17, 2016
- NJDEP, Regulated Underground Storage Tank (UST) Facilities by Municipalities, Search performed on April 20, 2016. http://datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=Underground+Storage+Tanks.
- NJDEP, 1986. Wetlands Map for Hudson County. NJ New Jersey Department of Environmental Protection, Trenton NJ Available online at http://www.state.nj.us/dep/gis/wetshp.html#HUD
- New Jersey Forest Service. New Jersey No Net Loss Reforestation Act. P.L. 1993, c106 (C.13:1L-14.2). 2007. Available online at: http://www.nj.gov/dep/workgroups/docs/forestry_20111205_programguidelines.pdf
- New Jersey Historic Preservation Office (NJHPO). "Saint Ann's Roman Catholic Church and Rectory." Property File, On File, Trenton: NJHPO, 2012.
- --- Hoboken, New Jersey: A Physical and Social History
- New Jersey State Museum. Archaeological Site Files. On file, Trenton: New Jersey State Museum, varies.

- New Jersey State Planning Commission, New Jersey State Development and Redevelopment Plan, 2010. http://www.state.nj.us/state/planning/docs/dfplan_proposed.pdf.
- New Jersey Transit January 2012. New Jersey Transit Corporation 1 Penn Plaza East, Newark NJ.
- New York City Department of Buildings. New York City Department of Buildings Technical Policy and Procedure Notice #10/88—Procedures for Avoidance of Damage to Historic Structures Resulting from Adjacent Construction.

 Accessed http://www.nyc.gov/html/dob/downloads/ppn/tppn1088.pdf.
- New York City Department of Environmental Protection (NYCDEP). http://www.nyc.gov/html/dep/html/home/home.shtml
- New York-New Jersey Harbor & Estuary Program. The State of the Estuary 2012. Available online at www.harborestuary.ogr
- New York Waterway, "About Us," accessed online August 15, 2016 at http://www.nywaterway.com/AboutNYWaterway.aspx.
- NISC. 2005. Five-Year Review of Executive Order 13112 on Invasive Species. National Invasive Species Council Department of the Interior Office of the Secretary (OS/SIO/NISC), 1849 C Street, NW. Washington, DC 20240.
- NOAA Tide Datum. Available online at https://tidesandcurrents.noaa.gov/datums.html?id=8518750
- NOAA's Essential Fish Habitat (EFH) Mapper. Available online at http://www.habitat.noaa.gov/protection/efh/efhmapper/index.html
- NorthEast Hawk Watch (NEHW). 2008. A Guide for Hawks Seen in the Northeast
- North Hudson Sewerage Authority [NHSA]. GIS Sewer Data. Electronic files provided to Dewberry in 2016.
- North Hudson Sewerage Authority. Photograph. 2010. "Serving the Communities of Hoboken, Union City, Weehawken and West New York." Accessed on December 2016. http://www.nhudsonsa.com/Billing/facilities.html

- North Hudson Sewerage Authority. Photograph. H-5 Wet Weather Pump Station and Shoprite Flooding, November 2016
- NYCEWHEELS. Photograph. "Bike City: The Aftermath of Hurricane Sandy." November 2012. Accessed December 2016. http://blog.nycewheels.com/folding-bikes-hurricane-sandy/
- Noise, Methodology. U.S. Department of Transportation. Federal Highway Administration. 23 C.F.R. 772. Analysis and Abatement Guidance. Dec. 2011. Page 26.
- Olson, A.M., E.G., Doyle, and S.D. Visconti. 1996. Light Requirements of Eelgrass: A Literature Survey
- PBS&J. 1998. The Hudson Park. Natural Resources Appendix to Final Environmental Impact Statement. Prepared for the Empire State Development Corporation and the Hudson River Park Conservancy.
- Person, Lenore. "The History of Hudson River Ferry Service." Accessed online August 17, 2016 at http://www.hudsonriver.com/hudson-river-ferry.
- Phillips Preiss Shapiro and Associates Inc, Planning and real Estate
 Consultants. City of Hoboken Master Plan, 2004. --- Hoboken Today:
 How Do We Compare (February 2003). Accessed online at: http://www.hobokennj.org/pdf/mplan/Demographics.pdf.
- Policy & Claim Statistics for Flood Insurance. Federal Emergency Management Agency, 2016. Retrieved from: https://www.fema.gov/policy-claim-statistics-flood-insurance. Accessed August 31, 2016.
- Priority Wetlands for the State of New Jersey, 1989. USEPA Region II: Marine and Wetlands Protection Branch Federal Plaza, New York, NY.
- Qizhong, G., Miskewitz, R., Athanasopoulou, E., Gharyeh, K., and Zhao, J. 2014. Strategies for Flood Risk Reduction for Vulnerable Coastal Populations along Hudson River at Hoboken and Jersey City. New Brunswick, New Jersey: Rutgers, The State University of New Jersey, Departments of Civil and Environmental Engineering and Environmental and Biological Sciences.
- Rediff News. Photograph. "Sandy-hit US States to Use Army Trucks as Poll Booths." November 2012. Accessed December 2016. http://www.rediff.com/news/report/sandy-hit-us-states-to-use-army-trucks-as-poll-booths/20121104. htm

- Resist, Delay, Store, Discharge: A Comprehensive Water Strategy. RBD OMA Team. March 2014. Retrieved from: http://portal.hud.gov/hudportal/documents/huddoc?id=OMA_IP_Briefing_Book.pdf
- RGA, Inc. (RGA). Stage IA Cultural Resources Survey: Washington Street Water Main Replacement and Complete Street Redesign, City of Hoboken, Hudson County, New Jersey. On file, Trenton: NJHPO, 2015b.
- --- Archaeological Monitoring North Hudson Sewerage Authority Grand Street Combined Sewer Rehabilitation, City of Hoboken, Hudson County, NJ. On file, Trenton: NJHPO. 2015a.
- --- Historic American Buildings Survey, Maxwell House Complex, 1101-1125 Hudson Street, City of Hoboken, Hudson County, New Jersey. On file, Trenton: NJHPO, 2006a.
- --- Archaeological Monitoring/Stage IB Archaeological Survey, North Hudson Sewerage Authority, Solids/Floatables Removal Project Package 1 (H-6/H-7 Consolidation Conduit) City of Hoboken, Hudson County, NJ. On file, Trenton: NJHPO, 2006d.
- --- Field to Factory: The Story of the Maxwell House Coffee Plant. On file, Trenton: NJHPO, 2005a.
- --- Historic Background and Development of the Maxwell House Site, City of Hoboken, Hudson County, New Jersey. On file, Trenton: NJHPO, 2005b.
- RSVLTS. Photograph. "A First Look at Hurricane Sandy's Destruction of Hoboken." November 2012. Accessed on December 2016. http://www.rsvlts.com/2012/11/02/a-first-look-at-the-destruction-of-hoboken-nj-7 0-hq-photos/
- Rutgers Repository Collection Images
- Sewer Monitoring Program Observations and Data November 15, 2011. EmNet, LLC. 121 S. Niles Ave, Suite 22, South Bend, IN 46617.
- Socioeconomics and Land Use, Impacts on Economic Conditions, Mitigation Measures and BMPs included in Alternatives 1, 2 and 3. http://www.nj.gov/dca/divisions/sandyrecovery/links/DCA_Section_3_Policy_November_2014_amendment.pdf.

- Socioeconomics and Land Use, Impacts to Minority and Low-Income Populations, Mitigation Measures and BMPS Included in Alternatives 1, 2, and 3. www.state.nj.us/dca.
- Shaw, William H. History of Essex and Hudson Counties, New Jersey. Philadelphia: Everts & Peck, 1884.
- Speilmann and Brush, Sanitary and Topographical Map of Hudson County.

 Prepared for the National Board of Health. Hoboken: Speilmann and Brush, 1880.
- Sperling's Best Places website. http://www.bestplaces.net/economy/city/new_jersey/hoboken. Accessed on September 30, 2016.
- Splain, Shelby Weaver and the New Jersey Office of Historic Preservation.

 Guidelines for Architectural Survey: Guidelines for Historic and Architectural Surveys in New Jersey. ed. Mary Joan Kevlin, for NJ Department of Environmental Protection. Trenton, New Jersey: NJ Historic Preservation Office, 1999.
- Stanke, Carla, et. al. The Effects of Flooding on Mental Health: Outcomes and Recommendation from a Review of the Literature. PLOS Currents Disasters, 2012.
- Stansfield, Charles A. Jr. A Geography of New Jersey: The City in the Garden. New Brunswick: Rutgers, 1983; second edition 1989.
- Stansfeld, S. A., M.P. Matheson. "Noise pollution: non-auditory effects on health."
- Stephen A Stansfeld. Department of Psychiatry, Medical Sciences Building, Queen Mary, University of London, London, UK
- Correspondence to: Professor Stephen A Stansfeld, Department of Psychiatry, Medical Sciences Building, Barts and The London, Queen Mary's School of Medicine and Dentistry, Queen Mary, University of London, Mile End Road, London E1 4NS, UK. E-mail: S.A.Stansfeld@gmul.ac.uk
- Steven's Institute of Technology Urban Ocean Observatory: http://hudson.dl.stevens-tech.edu/maritimeforecast/maincontrol.shtml
- Strunsky, Steve, August 18, 2016. Ernst & Young Inks Lease for Hoboken Office Space, Landlord Says. http://www.nj.com/hudson/index.ssf/2016/08/ernst



- young_inks_lease_for_hoboken_office_space_bu.html. Accessed November 2, 2016.
- Surficial Geology of the Jersey City (1995) and Surficial Geology of Weehawken and Central Park Quadrangle, Hudson and Essex Counties, New Jersey (1993).
- Tapsell, S.M. et al. Vulnerability to Flooding: Health and Social Dimensions. Philosophical Transactions of the Royal Society, A. Volume 360, 2002.
- The Town of Guttenberg in New Jersey. North Bergen and Guttenberg Waterfront Park. Available at: http://www.guttenbergnj.org/Articles/Read.aspx?id=386
- Together North Jersey Fair Housing and Equity Assessment, July 2015. http://togethernorthjersey.com. Accessed August 15, 2016
- Together North Jersey Plan. November 2015. NorthJersey.com. Available at: http://togethernorthjersey.com/?page_id=1814
- Transit Link Consultants. Phase IA Archaeological Survey Report, Access to the Region's Core Environmental Impact Statement. On file, Trenton: NJHPO, 2008.
- Treese, Lorett. Railroads of New Jersey: Fragments of the Past in the Garden State Landscape. Mechanicsburg: Stackpole Books, 2006.
- USACE, 2005-2011 Aquatic Biological Sampling Reports. Available online at: http://www.nan.usace.army.mil/Portals/37/docs/harbor/Biological%20and%20 Physical%20Monitoring/Aquatic%0Biological%20Survey/2011_ABS%20 Report.pdf
- USACE. 1986. Feasibility Report, Navigation Study Improvements to Existing Navigational Channel, Arthur Kill Howland Hook Marine Terminal Study
- USACE et al. 1989. Federal Interagency Committee for Wetland Delineation.

 Manual for the Identification and Delineation of Jurisdictional Wetlands
- USACE, National Wetland Plant List. Version 3.3, Final Notice. Federal Register, Vol. 81, No. 74. April 2016. Available at: http://rsgisias.crrel.usace.army.mil/nwpl_static/data/DOC/NWPL/docs/2016_Final_FR_Announcement.pdf

- USACE, New York District. October 2014. 2013 Migratory Finfish Report
- USACE. 1987. Waterways Experimentation Station; Environmental Laboratory.
 Wetland Delineation Manual. Technical Report Y-87-1. Vicksburg,
 Mississippi.
- United States, Advisory Council on Historic Preservation. 36 CFR part 800: Projection of Historic Properties. Washington, D.C.: The Council, 2004.
- --- Section 106 Regulations, Flow Chart, Explanatory Material online. Accessed at http://www.achp.gov/flowexplain.html.
- United States Census Bureau, 2010. Available at: http://www.census. gov/2010census/data/ Accessed May 5, 2016, July 22, 2016, July 25, 2016, August 22, 2016.
- United States Census Bureau. American Community Survey "B08141: "Means of Transportation." Accessed July 22, 2016 and August 22, 2016.
- United States Census Bureau. American Community Survey 2010-2014 "Poverty Status B17017." Accessed July 22, 2016 and August 22, 2016.
- USDA/SCS. 2016. Web Soil Survey of New Jersey. Available online at http://www.nrcs.usda.gov/wps/portal/nrcs/surveylist/soils/survey/state/?stateId=NJ
- United States Department of Housing and Urban Development [HUD], HP Fact Sheet #3: Compliance Options for the Section 106 Review Process. Accessed online at https://www.hudexchange.info/resources/documents/hp-factsheet-compliance-options-for-the-section-106-review-process.pdf
- United States Environmental Protection Agency (USEPA), Acceptable Separation Distance (ASD) Guidebook, 2011
- United States Environmental Protection Agency (USEPA), United States Environmental Protection Agency. (USEPA), 2004. Report to Congress: Impacts and Control of CSO and SSOs.
- USEPA, Superfund, Last Updated on May 13, 2016 https://www.epa.gov/superfund.
- USFWS IPaC. 2016. http://ecos.fws.gov/ipac/gettingStarted/map

- USFWS National Wetland Inventory, 1982. U. S. Fish and Wildlife Service.

 Mapper. Available online at http://www.fws.gov/wetlands/Data/Mapper.html
- United States Geological Survey Water Science School. October 2016. Floods: Recurrence intervals and 100-year floods. Retrieved from: http://water.usgs.gov/edu/100yearflood.html
- USGPO. 1980. 40 CFR Pt. 230: Sect. 404(b) (1) guidelines for the Specifications of Disposal Sites for Dredged or Fill Material. In Federal Register. 1980. pp 85352 85353 Available online at https://www.law.cornell.edu/cfr/text/40/part-230/subpart-A
- Using MOVES for Estimating State and Local Inventories of On-Road Greenhouse Gas Emissions and Energy Consumption, USEPA Transportation and Climate Division, Office of Transportation and Air Quality, EPA-420-B-12-068, November 2012.
- Vallejo, Maria. NJ.com True Jersey. Photograph. May 2015. "Clean up Continues after Heavy Flooding in Hoboken." Accessed on December 2016. http://www.nj.com/hudson/index.ssf/2015/06/hoboken_cleans_up_flooding. html
- Van Winkle, Daniel. History of the Municipalities of Hudson County, New Jersey: 1630-1923. New York: Lewis Historical Publishing Company, 1924.
- Washington State Department of Transportation. State Rail and Marine Office Rail Benefit/Impact Evaluation Methodology. July 2008. Accessed on November 30, 2016. Available at: http://www.wsdot.wa.gov/NR/rdonlyres/9AFD9F7E-8246-43F7-A1F6 45CBE3D9A034/0/A1Exhibit18FinalBenefitImpactMethodology.pdf
- Whittemore, J.O. Map of the City of Hoboken, N.J., Showing Existing Sewers Built Previous to 1940. Map on file, Hoboken: North Hudson Sewerage Authority (NHSA). 1940.
- Will, R. and L.J. Houston. 1988. Fish distribution Survey of Newark Bay, New Jersey, May 1987-April 1988.
- Winfield, Charles H. History of the County of Hudson, New Jersey. New York: Kennard & Bay Stationery, 1874.

Ziegler-McPherson, Christina A. Immigrants in Hoboken: One-Way Ticket, 1845-1985. Charleston: The History Press, 2011.

Zingman, Elan. Hoboken, New Jersey: A Physical and Social History. 1978.

MAP REFERENCES

USGS, Jersey City NJ-NY (1967 photorevised 1982) and Weehawken NJ (1967 photorevised 1982) Topographical Quadrangles. US Department of the Interior US Geological Survey National Geospatial Technical Operations Center (NGTOC)

New Jersey Transit Corporation (NJ Transit), January 2012.

Copyright: 2013 National Geographic Society, i-cubed

Sanborn 1935 Jamboree Drive, Suite 100 Colorado Springs, CO 80920, 2007

New Jersey Department of Environmental Protection (NJDEP) Geographic Information System geospatial data.

http://www.state.nj.us/dep/gis/listall.html

Federal Emergency Management Agency, U.S. Department of Homeland Security, 500 C Street SW, Washington, DC 20472

https://msc.fema.gov/portal

Environmental Data Resources Inc.

http://www.web.edrnet.com/

New Jersey Geographic Information Network, NJ Office of Information Technology, Office of GIS.

https://njgin.state.nj.us/NJ_NJGINExplorer/index.jsp

Images from The David Rumsey Historical Map Collection

http://www.davidrumsey.com/

ArcGIS Online, ESRI.com

http://www.arcgis.com/home/item.html?id=2d483d85b8d94046ae9907bd4f2fe 0b9

Geographic Products Branch, Geography Division, United States Census Bureau, 4600 Silver Hill Road Washington, DC 20233-7400

https://www.census.gov/geo/maps-data/data/tiger-line.html

Various data sets provided by Hoboken, Jersey City & Weehawken GIS departments

Bailey, O.H. and A. Ward. The City of Hoboken, New Jersey. Boston: O.H. Bailey & Co., 1881.

Bien, Joseph Rudolph. Atlas of the Metropolitan District and Adjacent County. New York: Julies Bien, 1891.

Burr, David. Map of the City and County of New York with the Adjacent Country. Simeon DeWitt, 1832.

Clerk & Bacot. Topographical Map of Hudson County, New Jersey from Actual Surveys. Jersey City: Wood, 1854.

Douglas, L.F. Topographical Map of Jersey City, Hoboken, and the Adjacent Country. Jersey City: Douglas, 1841.

G.M. Hopkins& Co. Plat Book of Jersey City, Hudson County, N.J. Accessed online April 1, 2016, http://mapmaker.rutgers.edu/JCplat_book/Frontpage/ index.htm.

—. Atlas of the State of New Jersey and the County of Hudson. Philadelphia: G.M. Hopkins & Co., 1873.

—. Atlas of Hudson County, New Jersey, Volume II. Philadelphia: G.M. Hopkins & Co., 1909.

Google Earth. "Aerial Imagery." Accessed April 19, 2016 at http://www.google.com/earth/.

Hills, John. A Sketch of the Northern Parts of New Jersey. Accessed March 16,

2016. \paterson\Projects-ENV\50074974\Adm\Reports\Cultural Resources\ Research\Historic Maps\Hills 1781 A Sketch of the Northern Parts of New Jersey.jp2.

Hufnagel, B. and E. Hexamer. Map of the City of Hoboken Situated in the County of Hudson, New Jersey. On file: Hoboken, Hoboken Public Library, 1856.

Hughes and Bailey. City of Hoboken, New York. New York: Hughes & Bailey, 1904.

Mallory, F.W. and W.M. Miller. Section No. 5 Map Showing the Survey of Lands Lying Under the Waters of the Hudson River & Bay of New York and Lands Adjacent Thereto, to Accompany Report of the Commissioners to the Legislature of State of New Jersey. On file, Trenton: New Jersey State Archives, 1865.

New Jersey Department of Environmental Protection (NJDEP), Office of Information Resources Management (OIRM), Bureau of Geographic Information Systems (BGIS). NJDEP New Jersey Environmental Management System (NJEMS) Sites, Version 201010 (NJ-GeoWeb Layer). Trenton: DJ Department of Environmental Protection, 2016. Accessed online at http://www.nj.gov/dep/gis/geowebsplash.htm.

North Hudson Sewerage Authority [NHSA]. GIS Sewer Data. Electronic files provided to Dewberry in 2016.

Sanborn Library, LLC. Fire Insurance Maps. 1885-2006.

Sanborn-Perris Map Co. Insurance Maps of Hudson County, New Jersey, Vol. 7. New York: Sanborn-Perris Map Co., 1891

Speilmann and Brush, Sanitary and Topographical Map of Hudson County.

Prepared for the National Board of Health. Hoboken: Speilmann and Brush, 1880.

Taintor Brothers. New Map of the Great Metropolis, Including the Cities of New York, Brooklyn, Jersey City, Hoboken, Etc. New York City: Taintor Brothers, Merrill & Co., 1860.

United States Coast and Geodectic Survey. Topographic Survey of the New Jersey Coast, Sheet T-17. United States Coastal Survey, 1837.



MAP REFERENCES (CONT'D)

- —. Nautical Map of Hudson and East Rivers, from West 67th Street to Blackwells Island. Washington, D.C.: U.S. Coast and Geodectic Survey, 1926.
- United States Coastal Survey. Pendulum Station, Coast Survey Map. Accessed online March 31, 2016, https://historicalcharts.noaa.gov/.
- —. Pendulum Station Map, Stevens Institute, Hoboken. Coast Survey Report, 1876.
- —. Map of New-York Bay and Harbor and the Environs. United States Coast Survey, 1844.
- Whittemore, J.O. Map of the City of Hoboken, N.J., Showing Existing Sewers Built Previous to 1940. Map on file, Hoboken: North Hudson Sewerage Authority (NHSA). 1940.

LIST OF PREPARERS

New Jersey Department of Environmental Protection

Kimberly McEvoy, Environmental Team Leader Bachelor of Science in Geosciences, Pennsylvania State University

Dennis Reinknecht, Program Manager

Master of Science in Environmental Science, New Jersey Institute of
Technology and Rutgers University

Bachelor of Science in Mechanical Engineering, New Jersey Institute of Technology

David Rosenblatt, Assistant Commissioner, Engineering and Construction

Master of Arts, Teaching, The College of New Jersey Bachelor of Science, Environmental Science, Rutgers College of Agriculture and Environmental Science

Frank Schwarz, Project Manager Bachelor of Science in Chemistry, Georgia Institute of Technology

Clay Sherman, Project Manager Bachelor of Science in Ocean Engineering, Rutgers University

Alexis Taylor, Outreach Team Leader Bachelor of Arts, University of Pennsylvania Master of City Planning, Massachusetts Institute of Technology

Dewberry Engineers Inc.

Jennifer Baer, AICP, Senior Planner/Community Outreach Master of Arts, Public Administration, New York University Bachelor of Arts, Political Science, Drew University

John Boulé, PE, Senior Vice President

Master of Science, Resourcing National Strategy, National Defense University at Fort McNair

Master of Arts, National Security and Strategic Studies, Naval War College

Master of Science, Environmental Fluid Mechanics and Hydrology, Stanford University

Master of Science, Structural Engineering, Stanford University Bachelor of Science, Civil Engineering, United States Military Academy

Samantha Bragg, Marketing Coordinator Bachelor of Arts, Communication, Loyola University Maryland Carolyn Brazier, Graduate Engineer Bachelor of Science, Civil Engineering, Manhattan College

Jinhyung Chung, Senior Geotechnical Engineer PhD, Geoenvironmental Engineering, University of Illinois Master of Science, Civil Engineering, Yonsei University Bachelor of Science, Civil Engineering, Yonsei University

Samantha Condo, Production Assistant Bachelor of Science, Professional Writing, Slippery Rock University

Zachary Davis, RPA, Senior Archaeologist Bachelor of Arts, Archaeological Studies, Boston University Master of Arts, Anthropology, State University of New York Master of Arts, Anthropology, University of London

Jennifer DiLorenzo, CFM, Staff Environmental Scientist
Master of Arts, Marine Environmental Science, State University of New
York at Stony Brook
Bachelor of Science, Marine Environmental Science, Southampton
College

Antonio Di Re, Junior Graphic Designer Bachelor of Science, Communication Design, College of Staten Island

Olivia Dolan, Staff Environmental Scientist Bachelor of Science, Natural Resource Conservation, University of Massachusetts

Sara Dougherty, Senior Geologist Master of Science, Geology, Vanderbilt University Bachelor of Arts, Geology, Hamilton College

Gary Doss, Environmental Planner Bachelor of Science, Environmental Science, University of Maryland

Steven Finch, Environmental Scientist Bachelor of Technology, Wildlife Management, State University of New York

Tina Fortugno, RPA, Staff Archaeologist Master of Arts, Archaeology, University of Arizona Bachelor of Arts, Anthropology, Columbia University William Guevara, Project Engineer Bachelor of Science, Civil Engineering, Rensselaer Polytechnic Institute

Ami Gulden, PWS, CWB, Environmental Scientist Bachelor of Science, Environmental Science, Stephen F. Austin State University

William Hamilton, Senior Structural Engineer
Master of Engineering, Structural Engineering, Lehigh University
Bachelor of Science, Civil Engineering, Virginia Polytechnic Institute and
State University

David Hill, P.E., Senior Civil Engineer Bachelor of Science, Civil Engineering, Rutgers University

Steve Hodapp, Senior Environmental Scientist Bachelor of Science, Fisheries and Wildlife Management, University of Wyoming

Ileana Ivanciu, PhD, Senior Vice President Doctor of Philosophy, Geology, University of Bucharest, 2012 Master of Science, Geology and Geophysics, University of Bucharest Bachelor of Science, Geology and Geophysics, University of Bucharest

Daniel Johnson, Project Manager Master of Science, Civil Engineering, University of Connecticut Bachelor of Science, Civil Engineering, University of Massachusetts

Sandri Lamo, Staff Engineer

Bachelor of Science, Civil Engineering, New Jersey Institute of
Technology

Eugene McColligan, PWS, Senior Environmental Scientist Master of Arts,. Environmental Management, Montclair State University Bachelor of Arts, Environmental Science, Ramapo College

Kimberly Meersma, Environmental Planner Bachelor of Arts, Environmental Studies, Mount Holyoke College

Cliff Moore, Design Manager Bachelor of Arts, Geography/Cartography, Rutgers University

LIST OF PREPARERS (CONT'D)

Ashton Mook, GIS Professional I Bachelor of Science, Geography and Planning, Bloomsburg University

Chris Mullan, Environmental Scientist Bachelor of Science, Environmental Science, University of Vermont

Corey Nachshen, Senior Environmental Engineer Master of Arts, Environmental Management, Montclair State University

Master of Business Administration, Management, Montclair State University

Bachelor of Science, Ceramic Engineering, Rutgers University

Rahul Parab, Senior Project Engineer Master of Science, Civil Engineering, University of Toledo

Bachelor of Science, Civil Engineering, University of Mumbai, India

William Pendexter, PhD, PG, Senior Hydrogeologist PhD, Geology, Florida State University Master of Science, Geology, University of Alabama Bachelor of Arts, Earth Sciences, Fairleigh Dickinson University

Lorraine Pennino, Senior Environmental Engineer Bachelor of Science, Environmental Engineering, Pennsylvania State University

Yasmine Pessar, Environmental Planner Bachelor of Arts, Urban Planning and Geography, SUNY, University of Albany

Daniel Peterson, PE, PTOE, PTP
Associate; Traffic Department Manager
PhD, Pedestrian Simulatin, New Jerey Institute of
Technology

Master of Science, Transportation Planning and Engineering, Polytechnic University of New York Bachelor of Science, Civil Engineering, City College of New York Bachelor of Fine Arts, Sculpture, Pratt Institute

Maxwell Reis, Program Analyst Bachelor of Science, Forestry, University of Vermont

Brian Sayre, CFM, Associate; Natural Resources
Department Head

Master of Arts, Environmental Studies, Montclair State University

Bachelor of Science, Environmental Sciences, University of Virginia

Laura Sliker, REP, Environmental Regulatory Specialist

Master of Science, Environmental Law, Vermont Law School

Bachelor of Science, Environmental Science and Public Policy, Northern Arizona University

Lawrence Smith, P.P., AICP, Senior Planner
Master of Environmental Planning, Environmental
Planning, Arizona State University
Bachelor of Arts, Environmental Studies, Binghamton
University

Kenneth Spahn, PMP, Project Manager
Master of Science, Management Engineering, New
Jersey Institute of Technology
Bachelor of Science, Marine Transportation, SUNY
Maritime College

John Squerciati, CFM, Senior Associate/Benefit-Cost Analysis, Lead Subject Matter Expert Master of Engineering, Civil Engineering, The Cooper Union

Bachelor of Engineering, Civil Engineering, The Cooper Union

Charles Stebbins, CPG, CHMM, Senior Project Manager

Master of Arts, Construction Management, Stevens Institute of Technology Bachelor of Arts, Geology, Rutgers University Jonathan Tso, Staff Environmental Scientist Bachelor of Science, Natural Resources and Environmental Science, Purdue University

Anna Vanderhoof, LEED GA, Staff Engineer Bachelor of Science, Environmental Engineering, Syracuse University

Deborah Van Steen, Staff Architectural Historian Master of Science, Historic Preservation, Columbia University

Bachelor of Arts, Liberal Studies, Pace University

Adam Vorwald, EIT, Staff Engineer Bachelor of Science, Civil Engineering, Roger WIlliams University, 2012

Office for Metropolitan Architecture

Laura Baird, Associate
Master of Architecture, Rice University
Bachelor of Arts, Public Policy Studies, Duke
University

Helen Billson, Project Manager
Master of Science. Housing Design and
Management, University of Greenwich, London, UK
Graduate Diploma, Architecture, The Bartlett,
University College London, UK
Bachelor of Arts, University of Port Elizabeth, RSA

Timothy Ho, Junior Architect
Master of Architecture, Cornell University
Bachelor of Architecture, University of Southern
California

Sunggi Park, Architect
Master of Architecture, Graduate School of Design,
Harvard University
Bachelor of Science in Architecture, Dankook
University, Seoul, South Korea

Daniel Pittman, Business Manager Master of Business Administration, Columbia University

Manchester, UK

Graduate Diploma, Architecture, Architectural Association, London, UK Bachelor of Arts, Architecture, University of

Shohei Shigematsu, Partner Master of Architecture, Berlage Institute, Rotterdam, The Netherlands

Master of Architecture, Kyushu University, Fukuoka, Japan

Bachelor of Arts in Architecture, Kyushu University, Fukuoka, Japan

Alexander Yuen, Junior Architect Bachelor of Architecture, Rice University Bachelor of Arts in Architecture, Rice University,

Econsult Solutions, Inc.

Peter Angelides, AICP, Principal
Master of City Planning, City and Regional Planning,
University of Pennsylvania
Master of Arts, Economics, University of Minnesota,
Doctor of Philosophy, Economics, University of
Minnesota

Bachelor of Arts, Urban Studies, University of Pennsylvania

Daniel Miles, PhD, Director Doctor of Philosophy, Public Policy - Economic Concentration, University of Maryland, Baltimore County

Masters of Public Policy, University of Maryland Bachelors of Science Economics and Political Science, University of Scranton

Fitzgerald & Halliday, Inc.

Arnold J. Bloch, PhD, Senior Project Manager Doctor of Philosophy, Transportation Planning and Engineering, Polytechnic Institute of New York Master of Science, Civil and Environmental Engineering, Cornell University Bachelor of Arts, Geography, SUNY Albany

LIST OF PREPARERS (CONT'D)

Jessica Ortiz, Community Planner
Master of Science in Urban Planning, City University
of New York Hunter College
Bachelor of Science in Environmental Studies

Bachelor of Science in Environmental Studies
Planning, Policy, and Law, State University of
New York, College of Environmental Science and
Forestry

Ryan Walsh, AICP, PP, Community Planner Master of Science in Urban Planning, Columbia University

Bachelor of Science, Geology and Environmental Studies, University of Oregon

Scape Landscape Architecture, PLLC

Pippa Brashear, Senior Associate Master of Landscape Architecture, Harvard University Bachelor of Arts, Harvard College

Alexis Landes, Managing Principal Master of Landscape Architecture, Harvard University Bachelor of Arts, Oberlin College

Silvia Vercher, Designer

Master of Science in Architecture and Urban Design,
Columbia University

Bachelor of Architecture, Polytechnic University of

Nans Voron, Designer
Master of Science in Architecture and Urban Design,
Columbia University

Bachelor and Master of Architecture, National Superior School of Architecture Paris-Val-de-Seine

Paul Carpenter Associates, Inc.

Valencia, Spain

Michael Amabile, Air Quality and Noise Specialist Bachelor of Science, Engineering Technology, Temple University

Dayna Bowen, Air Quality and Noise Specialist Bachelor of Science, Meteorology, Pennsylvania State University Master of Science, Engineering Acoustics, Pennsylvania State University

Tim Burns, Air Quality and Noise Specialist Bachelor of Arts, Economics, University of South Florida

Sharon Paul Carpenter, Noise and Air Quality Specialist

Bachelor of Science, Meteorology, Rutgers University

Tara Minni, Air Quality and Noise Specialist Bachelor of Science, Meteorology, Millersville University

Bryan Fuerte, Air Quality and Noise Specialist Bachelor of Science, Information Technology and Informatics, Rutgers University

Nicole Sgaramella, Air Quality and Noise Specialist Bachelor of Science, Resource Economics, University of Massachusetts - Amherst

Louis Berger Group of Companies (Reviewers)

Carrie Albee, Principal Architectural Historian Master of Arts, Architectural History, University of Virginia

Bachelor of Arts, History, University of North Carolina at Chapel Hill

Virginie Amerlynck, Principal Economist Master of Law, University of Leuven Master of Regional Planning, University of North Carolina at Chapel Hill

Steven Bedford, PhD, Director Historic Preservation Doctor of Philosophy, Department of Art History and Archaeology, Columbia University Master of Arts, Art History, Columbia University Bachelor of Archaeology, Rensselaer Polytechnic Institute Mark Berger, Principal Transportation Planner Master of Science, Transportation Planning, New Jersey Institute of Technology Bachelor of Arts, Geography, Rutgers University

Christopher Corliss, Director Master of Business Administration. Rutgers Business School

Bachelor of Science, Rutgers University, College of Engineering

Allison Fahey, Environmental Planner Master of City and Regional Planning, Rutgers University

Bachelor of Arts, Communication and Culture, Indiana University

Dana Flynn, Environmental Scientist III Certified Wildlife Biologist, The Wildlife Society Bachelor of Science, Wildlife Conservation, University of Delaware

Hope E. Luhman, PhD, Senior Vice President Doctor of Philosophy, Anthropology, Bryn Mawr College

Master of Arts, Anthropology, Bryn Mawr College Master of Arts, Social Relations, Lehigh University Bachelor of Arts, Anthropology, Muhlenberg College

Ian Miller, Principal Economist
Master of Science, Economics, Rensselaer
Polytechnic Institute
Bachelor of Arts, Economics, SUNY at Buffalo

Edward Samanns, Senior Program Manager Master of Science, Geography, Rutgers University Bachelor of Science, Biology, Slippery Rock University

Kerri Snyder, Principal Planner Master of Science, Zoology, University of Oklahoma Bachelor of Science, Education, University of Oklahoma Tara Stewart, Sr. Environmental Scientist, Natural Resource Management Bachelor of Science, Marine Biology, Stockton University

Leo Tidd, Principal Planner

Master of Public Administration, Environmental
Science and Policy, Columbia University
Bachelor of Science, Environmental Studies, SUNY
College of Environmental Science and Forestry

Nicolaas Veraart, Vice President
Master of Science, Regional Planning and Land
Planning, Wageningen University, Netherlands
Bachelor of Science, Land Planning and Landscape
Architecture, Wageningen University, Netherlands

Erika Zamek, Senior Geologist
Bachelor of Science, Geology, Rensselaer
Polytechnic Institute
Master of Science, Geology, Rensselaer Polytechnic
Institute