

APPENDIX G
LIST OF REFERENCES

FINAL REPORT

MOBILE HARBOR, MOBILE, ALABAMA

**Integrated General Reevaluation Report
With Supplemental Environmental Impact Statement**

LIST OF REFERENCES

- Adams, Pearl. 2015. "Southern Power Is a Diversified Utility Company." Market Realist. September 24, 2015. Accessed on 4/5/18 at: <https://marketrealist.com/2015/09/southern-company-diversified-utility-company>
- ACDNR 2018, Conversation and email correspondence with John Mareska, Alabama Department of Conservation and Natural Resources, October 24, 2018.
- ADEM 2008. PSD Air Quality Analysis Aermid Modeling Guidelines. <http://adem.alabama.gov/programs/air/airquality/AermidModelingGuidelines5-08.pdf>
- ADEM 2017a. State of Alabama Ambient Air Monitoring 2017 Consolidated Network Review. <http://adem.alabama.gov/programs/air/airquality/2017AmbientAirPlan.pdf>
- ADEM 2017b. Alabama Administrative Code. <http://www.alabamaadministrativecode.state.al.us/docs/adem/335-3-1.pdf>
- ADEM 2017c. Air Quality Statistics Report. <https://www.epa.gov/outdoor-air-quality-data/air-quality-statistics-report>
- ADL 2018. Alabama Department of Labor. Alabama Civilian Labor Force Data Seasonally adjusted. Accessed 3/1/2018 at <http://www2.labor.alabama.gov/LAUS/ALSA76-17.pdf>
- AECOM. 2018. AECOM Memo regarding Traffic Analysis for Mobile Harbor Port Expansion. April 19, 2018.
- Aiken, S.G., P.R. Newroth and I. Wile. 1979. The biology of Canadian weeds. 34. *Myriophyllum spicatum* L. Canadian Journal of Plant Science 59:201-215.
- Alabama Communities in Transition (ACTION), 2006. Public Issue Information for Alabama Citizens, Ecotourism in Alabama, Winter 2006.
- Alabama Department of Commerce. 2016. "Made in Alabama," Alabama Year In Trade. 2016 Edition.
- Alabama Department of Conservation & Natural Resources. 2017. Alabama Coastal Area Management Program IV. State Lands Division, Coastal Section. Accessed at <http://outdooralabama.com/sites/default/files/Lands/Coastal/ACAMP%20IV%20-%20FINAL%20approved%20-%20Jan%2025%202017.pdf>. January 25, 2017.
- Alabama Department of Conservation and Natural Resources (ADCNR), Alabama Marine Resources Division, 2009. Alabama's Artificial Reefs, A Fishing Information Guide.
- Alabama Historical Commission, 1978

- Alabama Natural Heritage Program. 2012. Alabama Inventory List: the rare, threatened and endangered plants & animals of Alabama. Auburn University, Alabama.
- Alabama Public Service Commission 2018. List of Telecommunications Providers in Mobile and Baldwin Counties. Phone and e-mail communication with Laneeta Roberts, Public Utility Analyst Manager.
- Alabama Rivers Alliance. 2018. Fish Guide. Accessed May 1, 2018 at <https://alabamarivers.org/project/fish-guide/>
- Alabama Wildlife Federation (AWF). 2018. Mobile Bay: Wetland and Habitat. <https://www.alabamawildlife.org/wetland-and-habitat/>.
- ALDOT. 2016. 2016 Southwest Region Statewide Transportation Improvement Plan. Accessed on 2/12/18 at <http://cpmsapps.dot.state.al.us/OfficeEngineer/Plan/SouthwestRegion>.
- ALDOT. 2016. Alabama Traffic Data GIS portal. Accessed on 2/27/18 at: <https://aldotgis.dot.state.al.us/atd/default.aspx>
- ALDOT. 2018a. Frequently Asked Questions – Mobile River Bridge. Accessed on 2/7/18 at <https://mobileriverbridge.com/faqs/#1446480259807-5b8369dc-bdb5>.
- ALDOT. 2018b. The Diverging Diamond Interchange Brochure. Accessed on 4/12/18 at http://rp.dot.state.al.us/I10_SR181/pdf/DDI%20Brochure.pdf.
- ALDOT. 2018c. US-98/SR-158 Extension Projects. Accessed on 4/12/18 at: http://rp.dot.state.al.us/US98_SR158/.
- American Sportfishing Association (ASA), 2002. 1996 Sport Fishing Participation and Economic Impact for Alabama. National Marine Fisheries Service (NMFS). 2002. Annual Landings by Species for Alabama as of 13-AUG-02.
- ANAMAR Environmental Consulting, Inc. 2010. Final Report Mobile ODMS Designation Survey Mobile, AL. W91278-08-D-0053. Project 09-0011, May 2010.
- APM Terminals 2017. New Investment at Port of Mobile News Release 12/21/2017. Accessed 5/8/2018 at <http://www.apmterminals.com/en/news/press-releases/2017/news/alabama-state-port-authority-and-apm-terminals-growth>
- ASPA 2018. Alabama State Port Authority. Port Facts. Accessed 4/5/18 at <http://www.asdd.com/portfacts.html>
- ASPA 2018. Mass Notification Systems. Accessed 5/2/2018 at http://www.asdd.com/mass_notification_system.html
- ASPA. 2017. Alabama State Port Authority and APM Terminals Growth Drive Continued Investment at the Port of Mobile. December 20, 2017.

- ASPA2018. Mass Notification Systems. Accessed 4/12/2018 at http://www.asdd.com/mass_notification_system.html
- Attrill, M.J. and M. Power. 2000. Effects on invertebrate populations of drought induced changes in estuarine water quality. *Marine Ecology Progress Series* 203: 133-143.
- Austin, G.B., 1954. On the Circulation and Tidal Flushing of Mobile Bay, Alabama. College Station, Texas: Texas A&M University, Department of Geography Technical Report No. 12 OCS No. 65, 22p.
- Balazs, G.H. 1982. Growth rates of immature green turtles in the Hawaiian Archipelago, pp.117-125.
- Barry A. Vittor & Associates. 2004, Mapping of Submerged Aquatic Vegetation in Mobile Bay and Adjacent Waters of Coastal Alabama in 2002, Prepared for Mobile Bay National Estuary Program, May 2004.
- BEA 2010a. Bureau of Economic Analysis. CA1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income. Accessed 4/10/18 at <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=70&step=30&isuri=1&7022=20&7023=7&7024=non-industry&7033=-1&7025=4&7026=00000,01000&7027=2010&7001=720&7028=3&7030=0&7031=0,01000&7040=-1&7083=levels&7029=20&7090=70>
- BEA 2010b. Bureau of Economic Analysis. CA1 Personal Income Summary: Personal Income, Population, Per Capita Personal Income. Accessed 4/10/18 at <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=70&step=30&isuri=1&7022=20&7023=7&7024=non-industry&7033=-1&7025=4&7026=01003,01097&7027=2010&7001=720&7028=3&7030=0&7031=0,01000&7040=-1&7083=levels&7029=20&7090=70>
- BEA 2017a Bureau of Economic Analysis. CA25N Total Full-Time and Part-Time Employment by NAICS Industry. Accessed 3/1/2018 at <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=70&step=30&isuri=1&7022=11&7023=7&7033=-1&7024=naics&7025=4&7026=01003,01097&7027=2016&7001=711&7028=-1&7031=01000&7040=-1&7083=levels&7029=33&7090=70>
- BEA 2017b. Bureau of Economic Analysis. SA25N Total Full-Time and Part-Time Employment by NAICS Industry. Accessed 3/1/2018 at <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=70&step=30&isuri=1&7022=4&7023=0&7033=-1&7024=naics&7025=0&7026=01000&7027=2016&7001=44&7028=-1&7030=0&7031=0&7040=-1&7083=levels&7029=30&7090=70>
- BEA 2017c. Bureau of Economic Analysis SA25N Total Full-Time and Part-Time Employment by NAICS Industry. Accessed 3/1/2018 at <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=70&step=30&isuri=1&7022=4&7023=0>

&7033=-1&7024=naics&7025=0&7026=00000&7027=2016&7001=44&7028=-1&7031=0&7040=-1&7083=levels&7029=30&7090=70

BEA 2017d. Per Capita Personal Income by County, 2014 – 2016. Accessed 3/1/2018 at <https://www.bea.gov/newsreleases/regional/lapi/2017/xls/lapi1117.xlsx>

Bearden, B. L., and R. L. Hummell. 1990. Geomorphology of Coastal Sand Dunes, Morgan

Berkowitz, J. F., S. Altman, K. Reine, D. Wilbur, M. E. Kjelland, T. Gerald, S. Kim, C. D. Piercy, T. M. Swannack, W. T. Slack, J. Killgore Jr., K. D. Philley, N. R. Beane, and Christina L. Saltus, 2018 (In-progress). Environmental Monitoring of Mobile Bay Aquatic Resources and Potential Impacts of the Mobile Harbor General Reevaluation Report, U.S. Army Engineer Research and Development Center, Vicksburg, MS 39180, USA, April 2018.

Berkowitz JF, Pietroski JP, Krenz D. 2016. Identifying areas of potential wetland hydrology in irrigated croplands using aerial image interpretation and analysis of rainfall normality. ERDC/EL TR-16-6.

Berkowitz, J. F., J. Pietroski, and D. Krenz. 2016. Identifying areas of potential wetland hydrology in irrigated croplands using aerial image interpretation and analysis of rainfall normality. ERDC/EL TR-16-6. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

Best, Chris. 2018. "ALDOT: 3 groups want to build new I-10 bridge over Mobile Bay." February 6, 2018. News 5 WKRG.com. Accessed on 2/7/18 at <http://www.wkrg.com/news/local-news/aldot-3-groups-want-to-build-new-i-10-bridge-over-mobile-bay/955086511>.

Biber, P. and H.J. Cho. 2017. Introduction: Coastal seagrass and submerged aquatic vegetation habitats in the Gulf of Mexico, *Southern Geographer*, 57 (3), Fall 2017, pp 208-211.

BLS 2010. Bureau of Labor Statistics. Local Area Unemployment Statistics. County Data Labor Force Data by County. 2015 Annual Averages. Accessed 3/1/2018 at Labor Force Data by County, 2010 Annual Averages. Accessed 3/1/2018 at <https://www.bls.gov/lau/laucnty10.xlsx>

BLS 2018a. Bureau of Labor Statistics. Local Area Unemployment Statistics. County Data Labor Force Data by County. 2016 Annual Averages. Accessed 3/1/2018 at <https://www.bls.gov/lau/laucnty16.xlsx>

BLS 2018b. Bureau of Labor Statistics. Local Area Unemployment Statistics. County Data Labor Force Data by County. 2015 Annual Averages. Accessed 3/1/2018 at <https://www.bls.gov/lau/laucnty15.xlsx>

BLS 2018c. Bureau of Labor Statistics Over-the-Year Change in Unemployment Rates for States, 2015-2016 Annual Averages. Accessed 3/1/2018 at <https://www.bls.gov/lau/lastch16.htm>

- Boesch, D.F., Josselyn, M.N., Mehta, A.J., Morris, J.T., Nuttle, W.K., Simenstad, C.A. and Swift, D.J., 1994. Scientific assessment of coastal wetland loss, restoration and management in Louisiana. *Journal of Coastal Research*, pp.i-103.
- Bolam, S.G and H.L. Rees. 2003. Minimizing Impacts of Maintenance Dredged Material Disposal in the Coastal Environment: A Habitat Approach. *Environmental Management* Vol 32 Issue 2, pp171-188.
- Bond, Clell L. 1983. *Identification and Evaluation of Submerged Anomalies, Mobile Harbor, Alabama*. Report submitted to U.S. Army Corps of Engineers, Mobile District by Espey, Huston and Associates, Inc., Austin, TX.
- Boone, P.A., 1973 Depositional systems of Alabama, Mississippi and western Florida coastal zone: *Gulf Coast Association of Geological Societies Transactions*.
- Borgnis, E. and Boyer, K.E., 2016. Salinity tolerance and competition drive distributions of native and invasive submerged aquatic vegetation in the Upper San Francisco Estuary. *Estuaries and coasts*, 39(3), pp.707-717.
- Boustany, R.G., Michot, T.C. and Moss, R.F., 2010. Effects of salinity and light on biomass and growth of *Vallisneria americana* from Lower St. Johns River, FL, USA. *Wetlands ecology and management*, 18(2), pp.203-217.
- Brock, M.A., Nielsen, D.L. and Crossle, K., 2005. Changes in biotic communities developing from freshwater wetland sediments under experimental salinity and water regimes. *Freshwater Biology*, 50(8), pp.1376-1390.
- Bunch, B.W., M. Channel, W.D. Corson, B.A. Ebersole, L. Lin, D.J. Mark, J.P. McKinney, S.A. Pranger, P.R. Schroeder, S.J. Smith, D.H. Tillman, B.A. Tracy, M.W. Tubman, and T.L. Welp. 2003. "Evaluation of Island and Nearshore Confined Disposal Facility Alternatives, Pascagoula River Harbor Dredged Material Management Plan," Technical Report ERDC-03-3, U.S. Army Engineer Research and Development Center, Vicksburg, MS.
- Byrnes et. al, 2012 *Sediment Dynamics in Mobile Bay, Alabama: Development of an Operational Sediment Budget*.
- Byrnes, M. R., R. A. McBride, S. Penland, M. W. Hiland, and K. A. Westphal. 1991. Historical changes in shoreline position along the Mississippi Sound barrier islands. In *Coastal Depositional Systems in the Gulf of Mexico: Quaternary Framework and Environmental Issues*, GCS-SEPM 12th Annual Research Conference, 43-55.
- Byrnes, M. R., R. M. Hammer, B. A. Vittor, J. S. Ramsey, D. B. Snyder, K. F. Bosma, J. D. Wood, T. D. Thibaut, and N. W. Phillips. 1999. *Environmental Study of Identified Sand Resource Areas Offshore Alabama: Volume I: Main Text, Volume II: Appendices*. U.S.
- Byrnes, M.R., S.F. Griffee, and M.S. Osler, 2008 *Evaluation of Channel Dredging on Shoreline Response at and Adjacent to Mobile Pass, Alabama*.

- Byrnes, Mark R., Jennifer L. Berlinghoff, and Sarah F. Griffee, 2013. FINAL REPORT Sediment Dynamics in Mobile Bay, Alabama: Development of an Operational Sediment Budget. Applied Coastal Research and Engineering, Inc. Prepared for Mobile Bay National Estuary Program. March 2013.
- Byrnes, M.R.; Griffee, F.F., and Osler, O.S., 2010. Channel Dredging and Geomorphic Response at and Adjacent to Mobile Pass, Alabama. Vicksburg, Mississippi: ERDC/CHL Technical Report 10-8, 309p.
- Cable TV 2018. List of Cable TV Providers. Accessed 5/8/2018 at <https://www.cabletv.com/al/bay-minette?zip=36507>
- Cake, Edwin W. 1983. Coastal Barrier Islands and Shellfish IN: Proceedings of the Northern Gulf of Mexico Estuaries and Barrier Islands Research Conference.
- Camargo, A.F.M. and Florentino, E.R., 2000. Population dynamics and net primary production of the aquatic macrophyte *Nymphaea rudgeana* CF Mey in a lotic environment of the Itanhaém River basin (SP, Brazil). *Revista Brasileira de Biologia*, 60(1), pp.83-92.
- Carr, A.F., D.R. Jackson, and J.B. Iverson. 1979. Marine turtles. Chapter XIV In A summary and analysis of environmental information on the Continental Shelf and Blake Plateau from Cape Hatteras to Cape Canaveral (1977). Vol. I, Book 3. Center for Natural Areas, South Gardiner, Maine.
- Carter, L. M., J. W. Jones, L. Berry, V. Burkett, J. F. Murley, J. Obeysekera, P. J. Schramm, and D. Wear, 2014. Ch. 17: Southeast and the Caribbean. *Climate Change Impacts in the United States: The Third National Climate Assessment*, J. M. Melillo, Terese (T.C.) Richmond, and G. W. Yohe, Eds., U.S. Global Change Research Program, 396-417. DOI: 10.7930/J0NP22CB.
- Castellanos, D., & Rozas, L., 2001. Nekton Use of Submerged Aquatic Vegetation, Marsh, and Shallow Unvegetated Bottom in the Atchafalaya River Delta, a Louisiana Tidal Freshwater Ecosystem. *Estuaries*, 24(2), 184-197.
- CBER 2017. Alabama County Population Projections 2020-2040 (Middle Series). Accessed 3/1/2018 at https://cber.cba.ua.edu/edata/est_prj.html
- CBER 2018. Baldwin and Mobile County Projections. Alabama County Population Projections 2050 – 2070. University of Alabama.
- Cerco, C. F. and M. R. Noel. 2004. The 2002 Chesapeake Bay Eutrophication Model. EPA 903-R-04-004 July 2004 U.S. Army Engineer Research and Development Center.
- Cerco, C., and T. Cole. 1994. "Three-Dimensional Eutrophication Model of Chesapeake Bay," Technical Report EL-94-4, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

- Cerco, C.F. and Cole, T., 1995. User's Guide to the CE-QUAL-ICM Three-dimensional Eutrophication Model: Release Version 1.0. US Army Engineer Waterways Experiment Station.
- Chabreck, R.H., 1989. Creation, restoration and enhancement of marshes of the northcentral Gulf coast. Wetland Creation and Restoration: The Status of the Science. US Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR, USA, pp.127-144.
- Chamber of Commerce 2018. Mobile Area Chamber of Commerce. Accessed 5/8/2018 at <http://mobilechamber.com/economic-development/doing-business-in-mobile/industry-clusters/#1496165561160-86138ff4-3589>
- Chandler, Moore, and Gillett; Geological Survey of Alabama. Bulletin 126: Ground-Water Chemistry and Salt-Water Encroachment, Southern Baldwin County, Alabama, 1985.
- Chapman, R.S., T.M. Cole, and T.K. Gerald. 1997. Development of Hydrodynamic Water Quality (POM-IPXMT) Linkage for the Lake Michigan Mass Balance Project. Final Report. U.S. Environmental Protection Agency, Office of Research and Development, ERL-Duluth, Large Lakes Research Station, Grosse Ile, Michigan.63 pp
- Chemock, R.L. 1974. The environment of offshore and estuarine Alabama. Geol. Survey of Alabama, Information Series 51, 135 p.
- Chen, Q.; Wang, L.; Zhao, H., and Douglass, S.L., 2007. Prediction of storm surges and wind waves on coastal highways in hurricane-prone areas. Journal of Coastal Research, 23(5), 1304-1317. Atlantic Tropical Weather Center, 2002. <http://www.atwc.org/>.
- Cheng, Hwai-Ping. Farthing, Matthew W. Winters, Kevin D. Howington, Stacy E. Cheng, Jing-Ru C., 1963- Hines, Amanda M. PT123 a multi-dimensional particle tracking computer program: version 1.0. Report Number ERDC TR-11-10, October 2011, Information Technology Laboratory (U.S.), System-Wide Water Resources Program (U.S.), Coastal and Hydraulics Laboratory (U.S.), Engineer Research and Development Center (U.S.).
- Chermock, R.L.; Boone, P.A., and Lipp, R.L., 1974. The Environment of Offshore and Estuarine Alabama. University, Alabama: Geological Survey of Alabama, Information Series 51, 135p.
- Christmas, J.Y., (editor). 1973. Cooperative Gulf of Mexico Estuarine Inventory and Study, Mississippi. Gulf Coast Research Laboratory, Mississippi Marine Conservation Commission.
- City of Gulf Shores, 2017. Waterway Village Multimodal Access Project – Attachment 1: Project Narrative. Accessed on 2/12/18 at <http://www.gulfshoresal.gov/DocumentCenter/View/1552>.

- City of Gulf Shores. 2018. Gulf Place Revitalization. Accessed on 2/12/18 at:
<http://www.gulfshoresal.gov/878/Gulf-Place-Revitalization>.
- City of Mobile, 2016. What is Mobile's Capital Improvement Plan? Accessed on 2/8/18 at
<http://www.cityofmobile.org/fixmobile/>.
- City of Mobile. 2018. City of Mobile Geographic Information Systems. Accessed 4/12/18 at
https://maps.cityofmobile.org/GIS/gisdata_datacatalog.aspx
- City of Mobile. 2018. Notice Of Finding Of No Significant Impact and Notice Of Comment Period, Three Mile Creek Walking Trail. Accessed on 2/12/18 at:
http://www.cityofmobile.org/announcement_files/fonsi_and_comment_period_3_mile_creek.pdf.
- City of Mobile. 2018. Public Works/Storm Drainage Maintenance. Accessed on 4/5/18 at:
http://www.cityofmobile.org/departments_full.php?view=68
- Clarke, D. G. and T. Miller-Way. 1992. An environmental assessment of the effects of open water disposal of maintenance dredged material on benthic resources in Mobile Bay, Alabama.
- Clarke, K. R. and R. N. Gorley. 2015. PRIMER v7: user manual/tutorial. PRIMER-E Ltd., Plymouth, United Kingdom.
- Clarke, K. R., Gorley, R. N., Somerfield, P. J., and R. M. Warwick. 2014. Change in marine communities: an approach to statistical analysis and interpretation. 2nd edition. PRIMER-E, Plymouth, United Kingdom.
- Colledge, J. J. and Ben Warlow, 2006. Ships of the Royal Navy: The Complete Record of all Fighting Ships of Royal Navy. Chatham Publishing, London.
- Comyns, Bruce H. Joanne Lycakowski-Shultz, David L. Nieland and Charles A. Wilson. 1991. Reproduction of Red Drum, *Sciaenops ocellatus*, in the North-central Gulf of Mexico:
- Conner, W.H., McLeod, K.W. and McCarron, J.K., 1997. Flooding and salinity effects on growth and survival of four common forested wetland species. *Wetlands Ecology and Management*, 5(2), pp.99-109.
- Conner, William H.; Askew, George R. 1993. Impact of saltwater flooding on red maple, redbay and Chinese tallow seedlings. *Castanea*. 58(3): 214-219.
- Cook, Marion R. and Ross, Neil E. 2012. Analysis of Discharge and Sediment Loading Rates in Tributaries of Dog River in the Mobile Metropolitan Area. Geological Survey of Alabama, Open File Report 1214. Tuscaloosa, Alabama.
- Council on Environmental Quality (CEQ) 1997. Environmental Justice: Guidance Under the National Environmental Policy Act. Accessed at

- https://www.epa.gov/sites/production/files/2015-02/documents/ej_guidance_nepa_ceq1297.pdf. December 10, 1997.
- Cowan, J.L.W., J.R. Pennock, and W.R. Boynton, 1996. Seasonal and interannual patterns of sediment-water nutrient and oxygen fluxes in Mobile Bay, Alabama (USA): regulating factors and ecological significance. *Marine Ecology Progress Series* 141: 229-245.
- Crain, C.M., Silliman, B.R., Bertness, S.L. and Bertness, M.D., 2004. Physical and biotic drivers of plant distribution across estuarine salinity gradients. *Ecology*, 85(9), pp.2539-2549.
- Daehnick, A.E., M.J. Sullivan, and C.A. Moncreiff. 1992. Primary Production of the Sand Microflora in Seagrass Beds of Mississippi Sound. *Botanica Marina* 35:131–39.
- Dames & Moore, Inc., 1981. Geologic Hazards and Cultural Resources Surveys for Proposed Mobile Bay Project. Submitted to US Army Corps of Engineers, Mobile District. Mobile, AL.
- Dauer, D. M., A. J. Rodi Jr., and J. A. Ranasinghe. 1992. Effects of low dissolved oxygen events on the macrobenthos of the lower Chesapeake Bay. *Estuaries* 15: 384-391.
- Day, J.W. Jr., G.P. Shaffer, L.D. Britsch, D.J. Reed, S.R. Hawes, and D. Cahoon. 2000. Pattern and process of land loss in the Mississippi Delta: A spatial and temporal analysis of wetland habitat change. *Estuaries* 23: 425-438.
- de Roa, E.Z., Gordon, E., Montiel, E.D.I.E., Delgado, L.A.U.R.A., Berti, J. and Ramos, S., 2002. Association of cyclopoid copepods with the habitat of the malaria vector *Anopheles aquasalis* in the peninsula of Paria, Venezuela. *Journal of the American Mosquito Control Association-Mosquito News*, 18(1), pp.47-51.
- Delaney, Caldwell, 1962. *The Story of Mobile*. Gill Printing Company. Mobile, Alabama.
- Department of the Interior, Minerals Management Service, International Activities and Marine Minerals Division (INTERMAR), Herndon, VA. OCS Report MMS 99-0052, 326 pp. + 132 pp. appendices.
- DHES (Deepwater Horizon Economic Settlement Statistics). 2018. "Public Statistics for the Deepwater Horizon Economic and Property Damages Settlement." Accessed at: <http://deepwaterhorizoneconomicsettlement.com/docs/statistics.pdf>
- Diaz, R. J. and R. Rosenberg. 1995. Marine benthic hypoxia: a review of its ecological effects and the behavioural responses of benthic macrofauna. *Oceanography and Marine Biology Annual Review* 33: 245-303.
- Doering, P.H., Chamberlain, R.H. and McMunigal, J.M., 2001. Effects of simulated saltwater intrusions on the growth and survival of wild celery, *Vallisneria americana*, from the Caloosahatchee Estuary (South Florida). *Estuaries*, 24(6), pp.894-903.
- Donnel, Jessica. 2018. "Walmart to Hire Hundreds for Mobile, Alabama Distribution Center." andnowyouknow.com. Accessed on 2/8/18 at: <https://www.andnowuknow.com/buyside->

news/walmart-hire-hundreds-mobile-alabama-distribution-center/jessica-donnel/56747#.WnylN66nGpo.

Douglass, Scott L, 2009. Encyclopedia of Alabama, Alabama's Coastline, Published March 2, 2009, <http://www.encyclopediaofalabama.org/article/h-2049>.

Downton, W.J.S. and Läuchli, A., 1984. Salt tolerance of food crops: perspectives for improvements. *Critical reviews in plant sciences*, 1(3), pp.183-201.

Duggins, Ryan M. 2012 Florida's Paleoindian and Early Archaic: A GIS approach to modeling submerged landscapes and site distribution on the Continental Shelf. The Florida State University.

Duke, T. W. and W. L. Kruczynski. 1992. Status and trends of emergent and submerged vegetated habitats of the Gul of Mexico. Gulf of Mexico Program, U.S. Environmental Protection Agency, Stennis Space Center, MS, 161 pp.

DWHS 2012 (Deepwater Horizon Settlements) "Exhibit 9- Framework for Subsistence Claims." Filed on 05/03/2012. Accessed at: http://www.deepwaterhorizonsettlements.com/Documents/Economic%20SA/Ex9_Framework_for_Subsistence_Claims.pdf

Dzwonkowski, B., Park, K., Lee, J., Webb, B.M., Valle-Levinson, A. (2014). Spatial Variability of Flow over a River-Influenced Inner Shelf in Coastal Alabama during spring. *Journal of Continental Shelf Research*. Elsevier Ltd.

Eckmayer, William J., Stevens R. Heath, C. William Wade, John P. Hawke and R. Vernon Minton. 1982. Research and Management of Alabama Coastal Fisheries. Completion Report. Alabama Marine Resources Division. Dauphin Island, Alabama. 116p. Harrison, P. 1983. Seabirds: an identification guide. Boston, MA: Houghton Mifflin Co. 448 pp.

Eggleston, D.B., Johnson, E.G., Kellison, G.T., Plaia, G.R. and Huggett, C.L., 2008. Pilot evaluation of early juvenile blue crab stock enhancement using a replicated BACI design. *Reviews in Fisheries Science*, 16(1-3), pp.91-100.

Ehrhart, L.M. 1977. Cold water stunning of marine turtles in FL east coast lagoons: rescue measures, population characteristics and evidence of winter dormancy.

EJ Screen 2018. Map of Schools in the ROI. Accessed 5/8/2018 at <https://ejscreen.epa.gov/mapper/index.html?wherestr=mobile+AL>

EJ 1997. Environmental Justice: Guidance Under the National Environmental Policy Act. Council on Environmental Quality. December 10, 1997 Accessed at: https://www.epa.gov/sites/production/files/2015-02/documents/ej_guidance_nepa_ceq1297.pdf

Elliott, M., A. K. Whitfield, I. C. Potter, S.J. M., Cyrus, D. P., F. G. Nordlie, and T. D. Harrison. 2007. The guild approach to categorizing estuarine fish assemblages: a global review. *Fish and Fisheries* 8: 241-268.

- Enright, Jeffrey M and Nick Linville 2013. Phase I Archaeological Marine Survey of Beneficial Use Areas for Mobile Bay Sediment Placement Project, Mobile, Mobile County, Alabama. Prepared by Southeastern Archaeological Research, Inc., Pensacola, FL for the U.S. Army Corps of Engineers, Mobile District. December.
- EPA 2017a. NAAQS Table. <https://www.epa.gov/criteria-air-pollutants/naaqs-table>
- EPA 2017b. The Green Book <https://www.epa.gov/green-book>
- EPA 2017c. Prevention of Significant Deterioration for Fine Particle Pollution. <https://www.epa.gov/sites/production/files/2015-12/documents/20070912fs.pdf>
- EPA 2017d. Ozone Season Nitrogen Oxides (NOx) Figures. https://www3.epa.gov/airmarkets/progress/reports/emissions_reductions_ozone.html#figure2
- EPA 2018a. Basic Information about Ozone. <https://www.epa.gov/ozone-pollution/basic-information-about-ozone>
- EPA 2018b NOx Budget Trading Program. <https://www.epa.gov/airmarkets/nox-budget-trading-program>
- EPA and USACE, Mobile District. 2015. Mobile Ocean Dredged Material Disposal Site – Site Management and Monitoring Plan. March 2015.
- EPA. 1974. Protective Noise Levels. Accessed 12/13/2016 at <http://pbadupws.nrc.gov/docs/ML1017/ML101790276.pdf>
- Evans, W.E. 1999. Elements of Studies of Protected Species in the Gulf of Mexico: History, Philosophy, and Research. Gulf of Mexico Marine Protected Species Workshop, MMS, Gulf of Mexico OCS Region.
- Faure, Hugues, Robert C Walter, and Douglas R Grant 2002 The Coastal Oasis: Ice Age Springs on Emerged Continental Shelves. *Global and Planetary Change* 33(1-2):47-56. DOI: 10.1016/S0921-8181(02)00060-7.
- Federal Highway Administration. 2011. Highway Traffic Noise: Analysis and Abatement Guidance. December 2011 FHWA-HEP-10-025. Accessed 12/13/2016 at http://www.fhwa.dot.gov/environment/noise/regulations_and_guidance/analysis_and_abatement_guidance/revguidance.pdf
- FHA and ALDOT. 2014. Draft Environmental Impact Statement. Project No. DPI-0030(005) I-10 Mobile River Bridge and Bayway Widening, Mobile and Baldwin Counties, Alabama. FHWA-AL-EIS-14-01-D. Available at: https://mobileriverbridge.com/wp-content/uploads/2016/02/Draft_EIS.pdf. July 2014.
- Flocks, et. al. 2017. Analysis of Seafloor Change around Dauphin Island, Alabama, 1987–2015 Open-File Report 2017–1112.

- Frazer, N.B. and L.M. Ehrhart. 1985. Preliminary growth models for green, *Chelonia mydas*, and loggerhead, *Caretta*, turtles in the wild. *Copeia* 1985:73-79.
- Frazer, T. K., Notestein, S. K., Jacoby, C. A., Littles, C. J., Keller, S. R., & Swett, R. A. 2006. Effects of storm-induced salinity changes on submersed aquatic vegetation in Kings Bay, Florida. *Estuaries and Coasts*, 29(6), 943-953.
- Fritts, T.H., Hoffman, and M.A. McGehee. 1983. The distribution and abundance of marine turtles in the Gulf of Mexico and nearby Atlantic waters. *J. Herpetology* 17(4): 327-344.
- Froese, R. and D. Pauly. Editors. 2007 FishBase. World Wide Web electronic publication. www.fishbase.org, version (10/2007)
- Gailani, J. Z., Hayter, E. J., Chapman, R. S., Anderson, M. E., Cialone, M. A., Luong, P. V., Mark, D. J., Smith, S. J., Taylor, M. B., Perkey, D., Lovelace, N. D., and E. S. Godsey, 2014. Modeling of Thin Layer Placement of Dredged Material in Mobile Bay, Alabama Draft Technical Report prepared for U. S. Army District, Mobile, AL.
- Gaines, W. Craig, 2008. Encyclopedia of Civil War Shipwrecks. Louisiana State University Press, Baton Rouge.
- Gastaldo, R.A., 1989. Preliminary observations on phytotaphonomic assemblages in a subtropical/temperate Holocene bayhead delta: Mobile Delta, Gulf Coastal Plain, Alabama. *Review of Palaeobotany and Palynology*, 58(1), pp.61-83.
- Giliberti and Birchett, 2009. Cultural Resources Remote Sensing Survey Sand Island Beneficial Use Disposal Area Proposed Southern Expansion Site. Submitted to the U.S. Army Corps of Engineers, Mobile District. Mobile, AL.
- Gillet, Raymond, Moore, and Tew, 2000. Geological Survey of Alabama. Hydrogeology and Vulnerability to Contamination of Major Aquifers in Alabama: Area 13, 2000.
- Gilliam, F.S. 2014. The herbaceous layer in forests of eastern North America. Oxford University Press, New York, New York. Second edition.
- Glenn, E., Thompson, T.L., Frye, R., Riley, J. and Baumgartner, D., 1995. Effects of salinity on growth and evapotranspiration of *Typha domingensis* Pers. *Aquatic Botany*, 52(1-2), pp.75-91.
- Google Earth. 2018a. Mobile Transportation Map. Image ©2018 TerraMetrics. © 2018 Google.
- Google Earth. 2018b. Mobile Transportation Map. Image ©2018 TerraMetrics. © 2018 Google.
- Gough, L., Grace, J.B. and Taylor, K.L., 1994. The relationship between species richness and community biomass: the importance of environmental variables. *Oikos*, pp.271-279.
- Greene, D. Lawrence, Jr., Antonio B. Rodriguez, and John B. Anderson., 2007. Seaward-Branching Coastal Plain and Piedmont Incised-Valley Systems through Multiple Sea-

- Level Cycles: Late Quaternary Examples from Mobile Bay and Mississippi Sound, U.S.A. *Journal of Sedimentary Research*, v. 77, 139-158. Society for Sedimentary Geology.
- Greenwood, M.E. and DuBow, P.J., 2005. Germination characteristics of *Zannichellia palustris* from New South Wales, Australia. *Aquatic botany*, 82(1), pp.1-11.
- Grieve, C.M., S.R. Grattan and E.V. Maas. 2012. Plant salt tolerance. In: W.W. Wallender and K.K. Tanji (eds.) *ASCE Manual and Reports on Engineering Practice No. 71 Agricultural Salinity Assessment and Management (2nd Edition)*. ASCE, Reston, VA. Chapter 13 pp: 405-459.
- Grimes, D.J. 1980. "Bacteriological Water Quality Effects of Hydraulically Dredging Contaminated Upper Mississippi River Bottom Sediment." *Applied and Environmental Microbiology*, p 782-789, April 1980. Accessed at <https://pdfs.semanticscholar.org/52de/c692d975f3b856aa63d46191048de3a10454.pdf?ga=2.236981120.1460080707.1524670317-2047221091.1524670317>
- Grimm, Eric C., William A. Watts, George L. Jacobson Jr., Barbara C. S. Hansen, Heather R. Almquist, and Ann C. Dieffenbacher-Krall, 2006. Evidence for warm wet Heinrich events in Florida. *Quaternary Science Reviews* 25(17-18): 2197-2211. DOI:10.1016/j.quascirev.2006.04.008.
- Grinnan, Joseph, Shawn Joy, Elizabeth Marlowe, Nick Linville, Alex DeCaro, and Jeffrey M. Enright, 2018. Marine Remote-Sensing Survey for the Sand Island Beneficial Use Area West Extension and Mobile Harbor General Reevaluation Report Bend Easing and Channel Widener Areas of Dauphin Island, Mobile County, Alabama. SEARCH, Gainesville Florida. Prepared for the U.S. Army Corps of Engineers, Mobile District. Mobile, AL.
- Gunter, G. 1981. Status of turtles on MS coast. *Gulf Research Report* 7(1):89-92.
- Haihong Zhao, Qin Chen, Nan D. Walker, Quanan Zheng & Hugh L. Macintyre (2011), A study of sediment transport in a shallow estuary using MODIS imagery and particle tracking simulation, *International Journal of Remote Sensing*, DOI:10.1080/01431161.2010.512938.
- Haller, Sutton and Barlowe 1974. Effects of salinity on growth of several aquatic macrophytes. *Ecology* 55:891-894
- Hall, Wes 2007. Marine Cultural Resources Survey of Choctaw Pass Turning Basin, Mobile Harbor, Mobile County, Alabama. Dial Cordy and Associates Inc. 201 North Front Street, Wilmington, North Carolina, 28401. Prepared for U.S. Army Corps of Engineers, Mobile District, 109 St. Joseph Street, Mobile Alabama, 36602.
- Hands, E. B., and Bradley, K.P., 1990. Results of monitoring the disposal berm at Sand Island, Alabama; Report 1, Construction and first year's response, Technical Report DRP-90-2,

Coastal Engineering Research Center, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

- Hanks, Matthew L., Jeffery M. Enright, Nick Linville, and Greg S. Hendryx, 2014. Phase I Marine Survey of Borrow Areas for Camille Cut Fill Project, Harrison and Jackson Counties, Mississippi and Mobile County, Alabama. SEARCH, Gainesville FL. Prepared for U.S. Army Corps of Engineers, Mobile District, 109 St. Joseph Street, Mobile Alabama, 36602.
- Harding ESE. 2001. Final Corrective Measures Study Report, Alabama Wood Treating Corporation Site, Alabama State Port Authority. September 2001.
- Hayter E. J., Chapman, R. S, Luong, P. V., Smith, S. J., and D. B. Bryant, 2012. Demonstration of Predictive Capabilities for Fine-Scale Sedimentation Patterns within the Port of Anchorage, AK, Final Report prepared for U. S. Army District, Anchorage, AK.
- Hearn, Chester G. 1993. Mobile Bay and the Mobile Campaign: The Last Great Battles of the Civil War. McFarland & Company, Inc. Jefferson, NC.
- Hellings, S.E. and Gallagher, J.L., 1992. The effects of salinity and flooding on *Phragmites australis*. *Journal of Applied Ecology*, pp.41-49.
- Hester, M. W., E. A. Spalding, and D. D. Franze. 2005. Biological resources of the Louisiana coast: Part 1. An overview of coastal plant communities of the Louisiana Gulf shoreline. *Journal of Coastal Research Special Issue No. 44*:134-145.
- H&E Marine Enterprises, Inc., 1995. Underwater Archaeological Investigations, Gulf of Mexico, Alabama Coastal Waters. Prepared for the Alabama Historical Commission, Montgomery, AL.
- Hickman and Owens. 1980. Soil Survey of Mobile County, Alabama, U.S. Department of Agriculture, Soil Conservation Service. May 1980.
- Hinojosa-Garro, D., Mason, C. F., & Underwood, G. J. 2008. Macrophyte assemblages in ditches of coastal marshes in relation to land-use, salinity and water quality. *Fundamental and Applied Limnology/Archiv für Hydrobiologie*, 172(4), 325-337.
- Hirsch, R.M. and Ryberg, K.R., 2012. Has the magnitude of floods across the USA changed with global CO2 levels? *Hydrological Sciences Journal*, 57 (1), 1–9.
- Holm, L.G., D.L. Plucknett, J.V. Pancho, and J.P. Herberger. 1977. *The world's worst weeds: distribution and biology*. Honolulu: University Press of Hawaii.
- Holt, Joan, Robert Godbout and C.R. Arnold. 1981. Effects of Temperature and salinity on egg Matching and Larval Survival of Red Drum, *Sciaenops ocellata*. *Fish. Bull.* 79(3): 569-573.
- Honda M. (U.S. Representative Mike Honda, California's 15th Congressional District and Chairman of the Congressional Asian Pacific American Caucus). 2010. "BP Oil Spill's Latest Victims: Asian American Fishermen and Seafood Industry Workers." HuffPost

- News. Accessed at: https://www.huffingtonpost.com/rep-mike-honda/bp-oil-spills-latest-vict_b_675628.html
- Huckle, J.M., Potter, J.A. & Marrs, R.H., 2000. Influence of environmental factors on the growth and interactions between salt marsh plants: effects of salinity, sediment and waterlogging. *Journal of Ecology*, 88, 492–505.
- Hummell, R.L., 1990. Main Pass and the Ebb-Tidal Delta of Mobile Bay, Alabama. Tuscaloosa, Alabama: Geological Survey of Alabama, Circular 146, 45p.
- Hummell, R.L., 1996. Holocene Geologic History of the West Alabama Inner Continental Shelf, Alabama. Geological Survey of Alabama Circular 189.
- HX5 2016. Evaluating Gulf sturgeon foraging habitat value: A meta-analysis approach. Prepared for U.S. Army Corps of Engineers, Mobile District, 109 St. Joseph Street, Mobile, AL 36602. 58 pp.
- Hydraulics Laboratory Instruction Report CHL-99-1, U.S. Army Engineer Waterways Experiment Station. Vicksburg, MS
- Institute for International Maritime Research, 2001. Fort Morgan Submerged Cultural Resource Remote Sensing Survey, Mobile Bay, Alabama. Prepared for the Baldwin County Archaeological Preservation Committee.
- Institute for International Maritime Research, 2002. Fort Morgan Point Submerged Cultural Resource Target Identification and Remote Sensing Survey, Mobile Bay, Alabama. Prepared for the Baldwin County Archaeological Preservation Committee.
- Institute for Marine Mammal Studies (IMMS). 2007. <http://www.dolphinsrus.com/dolphins.php>. Accessed January 17, 2007.
- Irion, Jack B., 1983. Magnetometer and Electric Positioning Survey, Mobile Harbor Ship Channel, Alabama. SEARCH, Gainesville, FL. Prepared for the US Army Corps of Engineers, Mobile District, 109 St. Joseph Street, Mobile AL, 36602.
- Islam, PhD, Samantha and Parks, Jacqueline. 2012. Cost Effective Dredging in Mobile Bay: Possibilities for Sustainable Dredged Material Management. November 14, 2012.
- Isphording, W.C., 1994. Erosion and deposition in Northern Gulf of Mexico estuaries. *Transactions of the Gulf Coast Association of Geological Societies*, 44, 305-314.
- Isphording, W.C., and F.D. Imsand, 1991. Cyclonic events and sedimentation in the Gulf of Mexico. In *Coastal Sediments '91*, N.C. Kraus, K.J. Gingerich, and D.L. Kriebel ed. New York, NY: American Society of Civil Engineers. pp. 1122-1136
- Isphording, W.C., and G.C. Flowers, 1987. Mobile Bay: The right estuary in the wrong place. In: T.A. Lowrey (editor), *Symposium on the Natural Resources of the Mobile Bay Estuary*, Mississippi-Alabama Sea Grant Consortium, MASGP-87-007, p. 165-174.

- Isphording, W.C., F.D. Imsand, and R.B. Jackson, 1996. Fluvial sediment characteristics of the Mobile River delta. *Gulf Coast Association of Geological Societies Transactions*, 46: 185-191.
- Isphording, W.C.; Imsand, F.D., and Flowers, G.C., 1989. Physical characteristics and aging of Gulf Coast estuaries. *Transactions of the Gulf Coast Association of Geological Societies*.
- Izzati, M., 2016, September. Salt Tolerance of Several Aquatic Plants. In *Proceeding International Conference on Global Resource Conservation (Vol. 6, No. 1)*.
- Jaffee, Walter W., 2004. *The Liberty Ships from A to Z*. The Glencannon Press, Palo Alto, CA.
- James, Stephen R., Andrew D.W. Lydecker, Erika K. Gifford, and William J. Wilson, 2015. Phase I Archaeological Marine Survey of Maritime Disposal Areas, Gulf Intracoastal Waterway in Alabama. Panamaamerican Consultants, Inc. Memphis, Tennessee. Prepared under contract to the Louis Berger Group, Inc., Morristown, New Jersey for the U.S. Army Corps of Engineers, Mobile District.
- John E. Chance & Associates, 1991. Archaeological, Engineering, and Hazard Study for Proposed 30-inch Gas Pipeline Route from a Point in Block 113 Mobile Bay Area to a Proposed Junction Platform in Block 955 Mobile Area. Submitted and on file at US Army Corps of Engineers, Mobile District. Mobile, AL.
- John E. Chance & Associates, 1993. Archaeological and Hazard Survey of Block 94 (S.L.-0349) Northwest Gulf Area Offshore, Alabama. Submitted and on file at US Army Corps of Engineers, Mobile District. Mobile, AL.
- John E. Chance & Associates, 1996. Archaeological, Engineering, and Hazard Study, Proposed 10-inch Sour Gas Pipeline Route from OCS-G5064 "B" Structure Block 864, Mobile Area to FL-0521 " " Structure Block 113, Northwest Gulf Area. Submitted and on file at US Army Corps of Engineers, Mobile District. Mobile, AL.
- Johnson, G.C.; Kidd, R.E.; Journey, C.A.; Zappia, H., and Atkins, J.B., 2002. Environmental Setting and Water-Quality Issues of the Mobile River Basin, Alabama, Georgia, Mississippi, and Tennessee. Montgomery, Alabama: U.S. Geological Survey, National Water-Quality Assessment Program, Water-Resources Investigations Report 02-4162, 62p.
- Junot, J. A., M. A. Poirrier and T. M. Soniat. 1983. Effects of saltwater intrusion from the Inner Harbor Navigation Canal on the benthos of Lake Pontchartrain, Louisiana. *Gulf Research Reports* 7: 247-254.
- Kantrud, H.A. 1991. Wigeongrass (*Ruppia maritima* L.): A literature review. U.S. Fish and Wildlife Service, Fish and Wildlife Research 10. Jamestown, ND: Northern Prairie Wildlife

- Research Center online: <http://www.npwrc.usgs.gov/resource/plants/ruppia/index.htm>. Accessed 1 August 2011.
- Kirkland, Scotty E., 2012. Port of Mobile. Encyclopedia of Alabama. www.encyclopediaofalabama.org, accessed May 7, 2018.
- Kirwan ML. and P. Megonigal. 2013. Tidal wetland stability in the face of human impacts and sea level rise. *Nature*. 504:53.
- Kjelland, Michael E., Candice D. Piercy, Tahirih Lackey, Todd M. Swannack. 2015. An integrated modeling approach for elucidating the effects of different management strategies on Chesapeake Bay oyster metapopulation dynamics. *Ecological Modelling* 308: 45-62.
- Knowles, Alexa. 2018. "Possible plans for Mobile Civic Center revealed." February 7, 2018. WBRC FOX6 News. Accessed on 2/8/18 at <http://www.wbrc.com/story/37454960/possible-plans-for-mobile-civic-center-revealed>.
- Koch, M.S., Schopmeyer, S.A., Kyhn-Hansen, C., Madden, C.J. and Peters, J.S., 2007. Tropical seagrass species tolerance to hypersalinity stress. *Aquatic Botany*, 86(1), pp.14-24.
- Kozlowski, T.T., 1997. Responses of woody plants to flooding and salinity. *Tree physiology*, 17(7), p.490.
- Kraemer, G.P., Chamberlain, R.H., Doering, P.H., Steinman, A.D. and Hanisak, M.D., 1999. Physiological responses of transplants of the freshwater angiosperm *Vallisneria americana* along a salinity gradient in the Caloosahatchee Estuary (Southwestern Florida). *Estuaries*, 22(1), pp.138-148.
- Krivor, Michael C., John de Bry, Nicholas J. Linville, and Debra J. Wells, 2011. Archival Investigations for Potential Colonial-Era Shipwrecks in Ultra-Deepwater within the Gulf of Mexico. Prepared for Bureau of Ocean Energy Management, US Department of the Interior, New Orleans, LA.
- Laderman, A.D. 1989. The ecology of Atlantic white cedar wetlands: a community profile. United States Fish and Wildlife Service, National Wetlands Research Center. Report Bulletin 85(7.21).
- Lambertini, C., I.A. Mendelssohn, M.H. Gustafsson, B. Olesen, T. Riis, B.K. Sorrell, and H. Brix. 2012. Tracing the origin of gulf coast *Phragmites* (Poaceae): a story of long-distance dispersal and hybridization. *American Journal of Botany* 99(3): 538–551.
- Landry, Laura A., 2005. Archaeological and Hazard Site Specific Survey Block 77 Mobile Bay Area. Report on File with the US Army Corps of Engineers Mobile District. Mobile, AL.
- Lauer, N., Yeager, M., Kahn, A.E., Dobberfuhl, D.R. and Ross, C., 2011. The effects of short term salinity exposure on the sublethal stress response of *Vallisneria americana* Michx.(Hydrocharitaceae). *Aquatic botany*, 95(3), pp.207-213.

- LEAN (Louisiana Environmental Action Network). 2019. Telephone Conversation 5/10/2018 with Wilma Subra. <https://leanweb.org>.
- Leathem, W., P. Kinner, D. Maurer, R. Briggs and W. Treasure. 1973. Effect of spoil disposal on benthic invertebrates. *Marine Pollution Bulletin* 4: 122-125.
- Lewis, Herbert J. "Jim," 2007. Mobile County. *Encyclopedia of Alabama*. Alabama Humanities Foundation, Birmingham. Electronic document, <http://www.encyclopediaofalabama.org/article/h-1332>, accessed May 11, 2018.
- Lirman, D. and Cropper, W.P., 2003. The influence of salinity on seagrass growth, survivorship, and distribution within Biscayne Bay, Florida: field, experimental, and modeling studies. *Estuaries*, 26(1), pp.131-141.
- Little, S., P.J. Wood, and M. Elliott. 2017. Quantifying salinity-induced changes on estuarine benthic fauna: The potential implications of climate change. *Estuarine, Coastal and Shelf Science* 198: 610-625.
- Loesch, H. C. 1976. Shrimp population densities within Mobile Bay. 1976. *Gulf Research Reports* (5) 2: 11-16. Retrieved from <http://aquila.usm.edu/gcr/bol5/iss2/2>
- Lydecker, Andrew D.W., Stephen James, and Erika K. Gifford 2015 A Remote Sensing Survey of the Pelican Bay Artificial Reef, Dauphin Island, Mobile County, Alabama. Panamaerican Consultants, Inc., Memphis Tennessee. Prepared for the Coastal Conservation Association—Alabama, Mobile, Alabama.
- Maddock, S.B. 2010. Final Report Wintering Piping Plover Surveys 2008–2009 Boca Chica, Texas to Marco Island, Florida December 2, 2008–March 13, 2009. August 22.
- Marr, C.D., 2013. Hydrodynamic Modeling of Residence, Exposure, and Flushing Time Response to Riverine Discharge in Mobile Bay, Alabama. A Thesis. College of Engineering, University of South Alabama, Mobile, Alabama.
- Martin and Associates 2017. The Local and Regional Economic Impacts of the Port of Mobile.
- Martin and Associates 2016. The Local and Regional Economic Impacts of the Port of Mobile.
- Massey, T.C., Ratcliff, J.J. and M.A. Cialone, 2015. North Atlantic Coast Comprehensive Study (NACCS) Storm Simulation and Statistical Analysis: Part II – High Performance Semi-Automated Production System, in *Proceedings of Coastal Sediments*, San Diego, CA, May 11-15, 2015; edited by Ping Wang, Julie Rosati, and Jun Cheng; DOI: 10.1142/9789814689977_0218.
- Massey, T.C., T.V. Wamsley, and M.A. Cialone. 2011. Coastal Storm Modeling – System Integration. *Proceedings of the 2011 Solutions to Coastal Disasters Conference*, Anchorage, Alaska, 99-108.

- Mathew, Tom V. and Rao, K V Krishna. 2007. Chapter 35: Capacity and Level of service from Introduction to Transportation Engineering. Accessed at: <https://nptel.ac.in/courses/105101087/downloads/Lec-35.pdf>. May 3, 2007.
- Maurer, D.R. Keck, J. Tinsman, W. Leatem c. Wethe, M. Hutzinger, C. Lord and T. Church. 1978. Vertical migration of benthos in simulated dredged material overburdens. Volume I. Marine Benthos. U.S. Army Corps of Engineer Waterway Experiment Station, Vicksburg, Mississippi. Dredged Material Research Program. Technical Report No. D-78-35.
- May, E. B. 1973. Excessive oxygen depletion in Mobile Bay, Alabama. *Limnology and Oceanography* 18: 353-366.
- McCauley, J.E., D.R. Hancock and P.A. Parr. 1976. Maintenance dredging and four polychaetes worms. Pp. 673-683. In: Proceedings of the specialty Conference on Dredging and Its Environmental Effects, Mobile, Alabama.
- McCauley, J.E., R.A. Parr and D.R. Hancock. 1977. Benthic infauna and maintenance dredging: a case study. *Water Research* 11: 233-242.
- McLaurin, Melton Alonza, and Michael Thomason, 1981. *Mobile, the Life and Times of a Great Southern City: An Illustrated History*. Windsor Publications, 1981.
- McMahan, C.A., 1968. Biomass and salinity tolerance of shoalgrass and manateegrass in Lower Laguna Madre, Texas. *The Journal of Wildlife Management*, pp.501-506.
- McMillan, C., 1974. Salt tolerance of mangroves and submerged aquatic plants. In *Ecology of halophytes* (pp. 379-390).
- McPhearson, B.F. 1970. The Hydrography of Mobile Bay and Mississippi Sound, Alabama. *Marine Scientific Journal* 1(2):83.
- Melillo, Jerry M., Terese (T.C.) Richmond, and Gary W. Yohe, Eds., 2014: *Climate Change Impacts in the United States: The Third National Climate Assessment*. U.S. Global Change Research Program, 841 pp. DOI: 10.7930/J0Z31WJ2.
- Milanich, Jerald T.; Cordell, Ann S.; Knight, Vernon J., Jr.; Kohler, Timothy A.; Sigler-Lavelle, Brenda J. 1997 *Archaeology of Northern Florida, A.D. 200-900: The McKeithen Weeden Island Culture*. Gainesville, Florida: University Press of Florida.
- Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP). 2005. *Mississippi's Comprehensive Wildlife Conservation Strategy 2005–2015*. Mississippi Museum of Natural Science. Version 1.1.
- Mistovich, Tim S. and Vernon J. Knight, Jr. 1983 *Cultural Resources Survey of Mobile Harbor, Alabama*. OSM Archaeological Consultants, Inc., Moundville, Alabama. Prepared for the U.S. Army Corps of Engineers, Mobile District.

Mitchell, Garry, 1983. Mobile Bay conceals 300 wrecked ships. Desert Sun Newspaper Vol 100, Palm Springs, CA.

Mobile Aeroplex at Brookley. 2018. Mobile Downtown Airport Overview. Accessed 2/27/18 at: <http://www.mobileaeroplex.org/page/Mobile-Downtown-Overview>

Mobile Area Chamber of Commerce. 2018. Infrastructure. Accessed on 4/5/18 at: <http://mobilechamber.com/economic-development/doing-business-in-mobile/infrastructure/#1496340982474-a6e46572-2e45>

Mobile Bay National Estuary Program (MBNEP), 2008. State of Mobile Bay: A Status Report on Alabama's Coastline from the Delta to our Coastal Waters. Mobile, Alabama: Mobile Bay National Estuary Program, 46p.

Mobile Bay National Estuary Program, 2001. Comprehensive Conservation and Management Plan, March 2001.

Mobile County. 2018. Stormwater. Accessed on 4/5/18 at: <http://www.mobilecountyal.gov/stormwater/>

Moncreiff, C. A., M. J. Sullivan, and A. E. Daehnick. 1992. "Primary Production Dynamics in Seagrass Beds of Mississippi Sound: the Contributions of Seagrass, Epiphytic Algae, Sand Microflora and Phytoplankton." Marine Ecology Progress Series. 87:161–71.

Mooty, W. S. 1988. "Geohydrology and Susceptibility of Major Aquifers to Surface Contamination in Alabama, Area 13, U.S. Geological Survey, Water Resources Investigation Report 88-4080." 1988.

Morgan, Eliska. 2016. Alabama Coastal Comprehensive Plan (ACCP): A Guide for Resiliency. Mobile Bay National Estuary Program. Accessed on 2/8/18 at http://www.mobilebaynep.com/news/alabama_coastal_comprehensive_plan_accp_a_guide_for_resiliency. July 18, 2016.

Morton, R.A. 2008. Historical changes in the Mississippi-Alabama barrier-island chain and the roles of extreme storms, sea level, and human activities. Journal of Coastal Research 24(6):1587–1600.

Morton, R.A., 2007. Historical Changes in the Mississippi-Alabama Barrier Islands and the Roles of Extreme Storms, Sea Level, and Human Activities. St. Petersburg, FL: U.S. Geological Survey Open File Report 2007-1161, Coastal and Marine Geology Program.

Moser, P. H., and Charlock, R. L., eds., 1978. Geologic and hydrologic environmental atlas of Mobile and Baldwin Counties Alabama: Alabama Geological Survey open file report.

Mount, R.H. 1975. The Reptiles and Amphibians of Alabama. Auburn University, Agricultural Experiment Station. Auburn, Alabama.

Mullins, M., H. Burch, M. Dardeau, and D. Strum (Eds.). 2002. The Mobile Bay National Estuary Program Comprehensive Conservation and management Plan Volumes 1-3. Mobile Bay

- National Estuary Program, Mobile, Al.
(<http://www.mobilebaynep.com/search/results/58761d7b8cc732b36ff51c8128c52830>)
- Munns, R. and Tester, M., 2008. Mechanisms of salinity tolerance. *Annual Rev. Plant Biol.*, 59, pp.651-681.
- Murgulet, D. and Tick, G.R., Assessing the Extent of Saltwater Intrusion in the Aquifer System of Southern Baldwin County, Alabama, pp. 159-162, 20th Salt Water Intrusion Meeting, June 23-17, 2008, Naples, Florida.
- Murgulet, Dorina and Tick, Geoffrey. 2007. The extent of saltwater intrusion in southern Baldwin County, Alabama. Accessed at https://www.researchgate.net/publication/253253698_The_Extent_of_Salt_Water_Intrusion_on_Southern_Baldwin_County_Alabama. September 11, 2017
- National Fish and Wildlife Foundation. 2018a. Little Dauphin Island Restoration Assessment. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018b. Salt Aire Shoreline Restoration. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018c. Mobile Bay Shore Habitat Conservation and Acquisition Initiative – Phase I. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018d. Mobile Bay Shore Habitat Conservation and Acquisition Initiative – Phase II. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018e. Dauphin Island Bird Habit Acquisition and Enhancement Program. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018f. Bon Secour National Wildlife Refuge Acquisition. Gulf Environmental Benefit Fund.
- National Fish and Wildlife Foundation. 2018g. Gulf Environmental Benefit Fund in Alabama – Current Projects. Accessed on 2/12/18 at <http://www.nfwf.org/gulf/Pages/GEBF-Alabama.aspx>.
- National Marine Fisheries Service (NOAA Fisheries) and U.S. Fish and Wildlife Service (USFWS). 1993. Recovery Plan for Hawksbill Turtles in the U.S. Caribbean Sea, Atlantic Ocean, and Gulf of Mexico. National Marine Fisheries Service. St. Petersburg, Florida. 58 p
- National Marine Fisheries Service (NOAA Fisheries). 2009a. Recovery Plan for Smalltooth Sawfish (*Pristis pectinata*). Prepared by the Smalltooth Sawfish Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland.

- National Marine Fisheries Service (NOAA Fisheries). 2009b. Endangered and Threatened Species; Critical Habitat for the Endangered Distinct Population Segment of Smalltooth Sawfish. Federal Register /Vol. 74, No. 169 /Wednesday, September 2, 2009.
- National Research Council's, 1987. Responding to Changes in Sea Level: Engineering Implications.
- Natural Resources Conservation Service (NRCS). 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. Agric. Handbook. 296. U.S. Gov. Print. Office, Washington, DC.
- Naval History and Heritage Command, 2009. Dictionary of American Naval Fighting Ships. Naval History and Heritage Command. Accessed August 17, 2018.
<https://www.history.navy.mil/research/histories/ship-histories/danfs.html>.
- Neill, W. T., 1964. The Association of Suwannee Points and Extinct Animals in Florida. Florida Anthropologist 17:38-48.
- Nelson, D.M. (editor). 1992. Distribution and abundance of fishes and invertebrates in Gulf of Mexico estuaries, Volume I: data summaries. ELMR Rep. No. 10. NOAA/NOS Strategic Environmental Assessments Division, Rockville, MD. 273p.
- NEPAssist 2018. Map of Hospitals in the ROI. Accessed 5/8/2018 at
<https://nepassisttool.epa.gov>
- NEPAssist. 2018. GIS mapping tool. Accessed on 2/14/18 at:
<https://nepassisttool.epa.gov/nepassist/nepamap.aspx?wherestr=mobile%2C+alabama>
- NOAA 2018. Tides and Currents Extreme Water Levels.
https://tidesandcurrents.noaa.gov/est/est_station.shtml?stnid=8735180. Accessed March 2018.
- NOAA NMFS. 2016. Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts. Accessed on 2/15/18 at:
http://www.nmfs.noaa.gov/pr/acoustics/Acoustic%20Guidance%20Files/opr-55_acoustic_guidance_tech_memo.pdf
- NOAA Office for Coastal Management (2018). Office of Coastal Management Digital Coast Sea Level Rise Viewer. <https://coast.noaa.gov/slr/>. Last Modified: 03/19/2018.
- NOAA (National Oceanic and Atmospheric Administration). 2006. "Identifying Communities Associated with the Fishing Industry in Alabama and Mississippi – Final Report." Accessed at:
https://sero.nmfs.noaa.gov/sustainable_fisheries/social/documents/pdfs/communities/2013/alabama_mississippi.pdf

- Norrbin, N. H. 1986. Fairway Design with Respect to Ship Dynamics and Operational Requirements, SSPA Research Report No. 102, SSPA Maritime Consulting, Gothenburg, Sweden
- North, E. W., Z. Schlag, R. R. Hood, M. Li, L. Zhong, T. Gross, V. S. Kennedy. 2008. "Vertical swimming behavior influences the dispersal of simulated oyster larvae in a coupled particle-tracking and hydrodynamic model of Chesapeake Bay. *Marine Ecology Progress Series* 359: 99-115. doi: 10.3354/meps07317.
- North, E.W., Schlag, Z., Hood, R., Zhong, L., Li, M., Gross, T. 2006. Modeling dispersal of *Crassostrea ariakensis* oyster larvae in Chesapeake Bay. In: Final report to Maryland Department of Natural Resources. Maryland Department of Natural Resources (55 p.).
- Noss, R.F. 2013. *Forgotten grasslands of the south: natural history and conservation*. Island Press. Washington, D.C.
- Nummedal, D., S. Penland, R. Gerdes, W. Schramm, J. Kahn, and H. Roberts, 1980. Geologic response to hurricane impact on low-profile Gulf Coast barriers. *Gulf Coast Association of Geological Societies Transactions*, 30: 183-195.
- Office of Archaeological Research 1983. Site MB17: Battery Gladden. Archaeological Site File on File. University of Alabama Museums, Office of Archaeological Research, Moundville.
- Office of Archaeological Research 1984. Site MB28: Confederate Obstructions. Archaeological Site File on File. University of Alabama Museums, Office of Archaeological Research, Moundville.
- Ogren, L. 1977. Survey and reconnaissance of sea turtles in the northern Gulf of Mexico. Unpublished report NMFS.
- O'Neil PE and MF Mettee. 1982. Alabama Coastal Region Ecological Characterization - Volume 2, a synthesis of environmental data. FWS/OBS-82/42.
- Osterman, L.E. and C.G. Smith. 2012. Over 100 years of environmental change recorded by foraminifers and sediments in Mobile Bay, Alabama, Gulf of Mexico, USA. *Estuarine, Coastal and Shelf Science*. 115: 345-358.
- Otvos, E.G, 1979. Barrier island evolution and history of migration, north-central Gulf Coast. In *Barrier Islands*, S.P. Leatherman ed. New York, NY: Academic Press. pp. 291-319.
- Otvos, E.G., and Giardino, M.J., 2004. Interlinked barrier chain and delta lobe development, northern Gulf of Mexico. *Sedimentary Geology*, 169: 47-73.
- Owsley, Frank L. Jr. 1989. "Incidents on the Blockade at Mobile". *Gulf Coast Historical Review*, 4(2):39-49.
- Palmer, T.A., P.A. Montagna, R.H. Chamberlain, P.H. Doering, Y. Wan, K.M. Haurert and D.J. Crean. 2015. Determining the effects of freshwater inflow on benthic macrofauna in the

- Caloosahatchee Estuary, Florida. Integrated Environmental Assessment and Management 12:529-539.
- Panamerican, 2015. Maritime Disposal Areas. Submitted to US Army Corps of Engineers by Panamerican Consultants, Inc. Report on file at the US Army Corps of Engineers, Mobile District, Mobile, AL.
- Park, K., C. Kim, and W.W. Schroeder. 2007. Temporal variability in summertime bottom hypoxia in shallow areas of Mobile Bay, Alabama. *Estuaries and Coasts* 30 (1): 54-65.
- Park, K., S.P. Powers, G.S. Borsarge, and H. Jung. 2014. Plugging the leak: Barrier island restoration following Hurricane Katrina enhances larval retention and improves salinity regime for oysters in Mobile Bay, Alabama. *Marine Environmental Research* 94: 48-55.
- Parker, R. H., 1979. Environmental Inventory and Assessment of Lower Mobile Bay Complex in Light of Drilling Four Exploratory Wells by Mobil Oil Corporation. Report on File with the US Army Corps of Engineers Mobile District. Mobile, AL.
- Parson, L., N. Lovelace, E. Godsey, K. Reine, and J. Gailani. 2015. Regional sediment management (RSM) strategy for Mobile Bay, Alabama. ERDC/CHL CHETN-XIV-41. Vicksburg, MS: U.S. Army Engineer Research and Development Center. April 2015.
- Pattillo, M.E., T.E. Czapla, D.M. Nelson and M.E. Monaco. 1997. Distribution and abundance of fishes and invertebrates in Gulf of Mexico estuaries, Volume II: Species life history summaries. ELMR Rep No. 11. NOAA/NOS Strategic Environmental Assessments Division, Silver Spring, MD. 377p.
- Pecorelli, Harry, 1997. Literature Search Sand Island Beneficial Use Area Mobile Harbor, Alabama. Report on File with the US Army Corps of Engineers Mobile District. Mobile, AL.
- Phillips, R.C. 1960. Observations on the ecology and distribution of the Florida seagrasses. Florida Board of Conservation Professional Paper Series 2: 1-72.
- Poirrier, M.A., Burt-Utley, K., Utley, J.F. and Spalding, E.A., 2010. Submersed Aquatic Vegetation of the Jean Lafitte National Historical Park and Preserve. *Southeastern Naturalist*, 9(3), pp.477-486.
- Pollack, J. B., J. W. Kinsey, and P. A. Montagna. 2009. Freshwater Inflow Biotic Index (FIBI) for the Lavaca-Colorado Estuary, Texas. *Environmental Bioindicators* 4:2 153-169.
- Quin Chen and Ju Kelin (2012). Wave and surge simulations for spilled-oil redistribution by Gulf of Mexico Tropical Cyclones, Department of Civil and Environmental Engineering, Louisiana State University, Baton Rouge, LA.
- Rabalais N. N. D. E. Harper Jr, and R. E. Turner. 2001. Responses of nekton and demersal and benthic fauna to decreasing oxygen concentrations. In: Rabalais NN, Turner RE (eds) Coastal hypoxia: consequences for living resources. *Coastal and Estuarine Studies* 58. American Geophysical Union, Washington, DC, p 115–128.

- Racal-Decca, Inc., 1981. A Multi-Sensor Engineering Survey of Offshore Alabama, Mobile Bay Area Northwest Gulf Blocks 111 and 112. Prepared for Exxon Company, USA. On file at US Army Corps of Engineers, Mobile District. Mobile, AL.
- Ramierz, M., Mathew, T.B., Pratt, T.C. (2018). Draft Mobile Harbor Study Quantifying Sediment Characteristics and Discharges into Mobile Bay. US Army Corps of Engineers Engineer Research and Development Center, Coastal and Hydraulics Laboratory.
- Rashleigh, B., M. Cyterski, L. M. Smith, and J. A. Nestlerode. 2009. Relation of fish and shellfish distributions to habitat and water quality in the Mobile Bay estuary, USA. *Environmental Monitoring and Assessment* 150: 181-192.
- Reddy R, DeLaune R. 2008 *Biogeochemistry of Wetlands*. CRC Press. Boca Raton, FL. Oliver CD, Larson BC. 1996. *Forest Stand Dynamics*. John Wiley & Sons, Inc. New York, NY.
- Reine, K. J, Clarke, D.G, and Ray, G.L., 2014. Fishery Resource Utilization of an Estuarine Borrow Pit in Mobile Bay, Alabama, U.S. Army Engineer, ERDC/EL Technical Report TR-14-10, July 2014, 76pp.
- Renaud, M.L. 1995. Movements and submergence patterns of Kemp's ridley turtles (*Lepidochelys kempii*). *Journal of Herpetology* 29: 370-374.
- Renaud, M.L. and J.A. Carpenter. 1994. Movements and submergence patterns of Loggerhead turtles (*Caretta caretta*) in the Gulf of Mexico determined through Satellite Telemetry. *Bulletin of Marine Science*. Volume 55, Number 1.
- Resource Management Group, Inc., 2010 *Guidelines for Sustainable Maintenance Dredging and Long-Term Dredge Material Management of the Mobile River Federal Management of the Mobile River Federal Navigation Project*.
- Ress, Thomas V., 2012. "Gulf State Park". *Encyclopedia of Alabama*. Alabama Humanities Foundation. Retrieved January 14, 2016.
- Roach, E.R., Watzin, M.C., Scurry, J.D., and Johnston, J.B., 1987, Wetland changes in coastal Alabama. Pages 92-101 in Lowery, T.A. (ed). *Proceedings of Symposium on the Natural Resources of the Mobile Bay Estuary*, Mobile, Ala., February 10-12, 1987: Mobile, Ala., Auburn University, Alabama Sea Grant Extension Service and Alabama Cooperative Extension Service, p. 92-101.
- Rosati, J., 2005. Coastal Inlet Navigation Channel Shoaling with Deepening and Widening CHETN-IV-64. Engineer Research and Development Center, Coastal and Hydraulics Laboratory. Vicksburg, MS. June 2005.
- Ross, J.P. 1981. Historical decline of Loggerhead, Ridley, and Leatherback sea turtles, p. 189-195, In K.A. Bjorndal, 1981.

- Ross, M., Meeder, J., Sah, J., Ruiz, P., & Telesnicki, G. (2000). The Southeast Saline Everglades Revisited: 50 Years of Coastal Vegetation Change. *Journal of Vegetation Science*, 11(1), 101-112.
- Rothschild, Susan B. 2004. *Beachcomber's Guide to Gulf Coast Marine Life*, 3rd Edition. Texas, Louisiana, Mississippi, Alabama, and Florida. Taylor Trade Publishing.
- Runkle, J., K. Kunkel, L. Stevens, and R. Frankson, 2017: Alabama State Climate Summary. NOAA Technical Report NESDIS 149-AL, 4 pp.
- Sabol, B., D. Shafer, E. Melton, J. Jarvis, S. Evert and R. Loyd. 2014. SAVEWS Jr. User's Manual, Version 1.0. Final Report prepared for US Army Corps of Engineers, ERDC/EL TR-14-8.
- Sande, E. and Young, D.R., 1992. Effect of sodium chloride on growth and nitrogenase activity in seedlings of *Myrica cerifera* L. *New phytologist*, 120(3), pp.345-350.
- Sand-Jensen, K., Prahl, C. and Stokholm, H., 1982. Oxygen release from roots of submerged aquatic macrophytes. *Oikos*, pp.349-354.
- SARCOR, Nelson\Nygaard Consulting Associates Inc., and Metro P+E. 2014. Transit Development Plan, Mobile Wave Transit. Accessed at: <https://mobilempo.org/Publications/MOBILE%20Wave%20Transit%20TDP%20Final%20Report.pdf>. September 2014.
- SAS. 2013. *Statistical Analysis Software, Version 9.4*. SAS Institute Inc., Cary, NC.
- Saunders, Rebecca, and Michael Russo, 2011. Coastal Shell Middens in Florida: A View from the Archaic Period. *Quaternary International* 239:38-50.
- Schmid, J.R. and W.N. Witzell. 1997. Age and growth of wild Kemp's ridley turtles (*Lepidochelys kempii*): cumulative results of tagging studies in FL. *Chelonian Conserv. Biol.* 2: 532-537.
- Schoellhamer, D. H., 1996. Anthropogenic Sediment Resuspension Mechanisms in a Shallow Microtidal Estuary. *Estuarine, Coastal, and Shelf Science*. Academic Press Limited. 43:533-548.
- Schroeder, W.W., 1978. *Riverine influence on estuaries: a case study.* *Estuarine Interactions*, M.S. Wiley, ed., Academic Press, New York, New York.
- Schroeder, W.W. and Wiseman, W.J., 1999. Geology and hydrodynamics of Gulf of Mexico estuaries. In: Bianchi, T.S.; Pennock, J.R., and Twilley, R.R. (eds.), *Biogeochemistry of Gulf of Mexico Estuaries*. New York, New York: John Wiley & Sons, Inc., pp. 3-28.
- Schroeder, W.W., 1976. *Dynamic Characterization of the Waters of the Mobile Bay Passes*. Ocean Springs, Mississippi: Mississippi-Alabama Sea Grant Consortium, MASGC-Q-76-001:1.

- Schroeder, W.W., and Lysinger, W.R., 1979. *Hydrography and circulation of Mobile Bay. Symposium on the Natural Resources of the Mobile Bay Estuary*, H.A. Loyacano and J.P. Smith, eds., U.S. Army Corps of Engineers, Mobile District, Mobile, Alabama.
- Schroeder, W.W.; Cowan, J.L.W.; Pennock, J.R.; Luker, S.A., and Wiseman Jr., W.J., 1998. Response of resource excavations in Mobile Bay, Alabama, to extreme forcing. *Estuaries*, 21(4A), 652-657.
- Schultz, R. & E. Dibble. 2012. Effects of invasive macrophytes on freshwater fish and macroinvertebrate communities: the role of invasive plant traits. *Hydrobiologia* 684(1):1-14.
- Seasonality and Spawner Biomass. In: Proceedings of the Thirteenth Annual Fish Conference May 21-26 198, Merida, Mexico. NOAA Technical Report NMFS 95 (1991):17-26
- Shipp, R.L. 1983. Report to the Alabama Department of Environmental Management, No. 81-54, on fish eggs and larvae of Mobile Bay 78p.
- Shomette, Donald G., 1973. *Shipwrecks of the Civil War: The Encyclopedia of Union and Confederate Naval Losses*. Danie, Ltd, Washington, DC.
- Sigma Stretched Version of CH3D-WES, 1996. A Three-dimensional Numerical Hydrodynamic, Salinity and Temperature Model," Technical Report HL-96-21, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Sivaci, A., Elmas, E., Gümüş, F. and Sivaci, E.R., 2008. Removal of cadmium by *Myriophyllum heterophyllum* Michx and *Potamogeton crispus* L. and its effect on pigments and total phenolic compounds. *Archives of environmental contamination and toxicology*, 54(4), pp.612-618.
- SkyVector. 2018. Mobile Downtown Airport. Accessed on 2/27/18 at: <https://skyvector.com/airport/BFM/Mobile-Downtown-Airport>
- Sledge, John S. 2017. The Shipwrecks of Mobile Bay. [<http://www.mobilebaymag.com/Mobile-Bay/July-2017/The-Shipwrecks-of-Mobile-Bay/>] July.
- Smith, J.M., Resio, D. T. and A. Zundel. 1999. STWAVE: Steady-state Spectral Wave Model, Report 1: User's Manual for STWAVE Version 2.0, Coastal and
- Smith, P.M., 1981. Measurements of Whitecap Coverage and Surface Winds over the Gulf of Mexico Loop Current. NSTL Station, Mississippi: Naval Ocean Research and Development Activity, 28p.
- Specker, Lawrence. 2018. "It's 'a little early to tell,' but new auto plant could boost Port of Mobile." January 10, 2018. *AL.com*. Accessed on 2/8/18 at: http://www.al.com/news/index.ssf/2018/01/its_a_little_early_to_tell_but.html.
- State of Alabama. 2014. Proposal seeking funding for Alabama Barrier Island Restoration Through Beneficial Use of Dredged Sediments. Proposal No. AL-1.

- Steward, K.K. and Van, T.K., 1987. Comparative studies of monoecious and dioecious hydrilla (*Hydrilla verticillata*) biotypes. *Weed Science*, pp.204-210.
- Stone, G.W., F.W. Stapor, J.P. May, and J.P. Morgan, 1992. Multiple sediment sources and a cellular, non-integrated, longshore drift system: northwest Florida and southeast Alabama coast, USA. *Marine Geology*, 105: 141-154.
- Stout, J.B. and A.A. de la Cruz. 1981. Symposium on Mississippi Sound. Marshes of Mississippi Sound: State of the Knowledge.
- Stout, J.P., Heck Jr, K.L., Valentine, J.F., Dunn, S.J. and Spitzer, P.M., 1998. Preliminary characterization of habitat loss: Mobile Bay national estuary program. MESC Contribution, (301), pp.17-40.
- Swift, C. C., C. R. Gilbert, S. A. Bortone, G. H. Burgess, and R. W. Yerger. 1986. Zoogeography of the freshwater fishes of the southeastern United States: Savannah River to Lake Pontchartrain. Pages 212-266 in C. H. Hocutt and E. O. Wiley, editors. *The zoogeography of North American freshwater fishes*. John Wiley and Sons, New York.
- Swingle, Hugh A. 1971. Biology of Alabama estuarine areas cooperative Gulf of Mexico estuarine inventory. *Ala. Mar. Res. Bull.* 5:1-123.
- TAI Environmental Sciences, Inc., Thompson Engineering Testing, and University of South Alabama. 1998. Preliminary Characterization of Water Quality of the Mobile Bay National Estuary Program (MBNEP) Study Area. Prepared for the Mobile Bay National Estuary Program. <http://www.mobilebaynep.com/publications.htm>.
- Tate, J., Savant, G., McVan, D. 2012. Rapid response numerical modeling of the 2010 Pakistan flooding. *Leadersh. Manage. Eng.* 12(4): 315-323.
- Telesh, I.V. and V.V. Khlebovich. 2010. Principal processes within the estuarine salinity gradient: a review. *Marine Pollution Bulletin* 61:149-155.
- Terrell, J. W., B. S. Cade, J. Carpenter, and J. M. Thompson. 1996. Modeling stream fish habitat limitations from wedged-shaped patterns of variation in standing stock. *Transactions of the American Fisheries Society* 125: 104-117.
- Tetra Tech. 2012. Mobile Bay Modeling Report, December 2012.
- Texas Parks and Wildlife. 1999. Seagrass conservation plan for Texas. Final Report. 84pp.
- Thompson, M.J., W.W. Schroeder, N.W. Phillips, and B.D. Graham. 1999. USGS in cooperation with MMS. Ecology of Live Bottom Habitats of the Northeastern Gulf of Mexico: A Community Profile. January 1999. Report Number USGS/BRD/CR 1999-001 and OCS Study MMS 99-0004.
- Thulman, David K., 2006. A Reconstruction of Paleoindian Social Organization in North Central Florida. Unpublished Ph.D. dissertation, Florida State University, Department of Anthropology, Tallahassee. 2009 Freshwater Availability as the Constraining

- Factor in the Middle Paleoindian Occupation of North-Central Florida. *Geoarchaeology* 24:243-276.
- Tiner R. 2016. *Wetland Indicators: A Guide to Wetland Identification, Delineation, Classification, and Mapping*. CRC Press, Boca Raton, FL.
- Tiner, R.W. 1993. *Field guide to coastal wetland plants of the southeastern United States*. University of Massachusetts Press.
- Tomberlin, Michael. 2018. "Bombardier and Airbus partnership still plans to build planes in Alabama." January 26, 2018. *Alabama Newsletter*. Accessed on 2/8/18 at: <http://alabamanewscenter.com/2018/01/26/bombardier-airbus-partnership-still-plans-build-planes-alabama/>.
- Trawle, M.J., 1981. Technical Report H-78-5, Effects of Depth on Dredging Frequency. Report 2, Methods of Estuarine Shoaling Analysis. US Army Engineer Waterways Experiment Laboratory, Hydraulics Laboratory. Vicksburg, MS. July 1981.
- Trickey, E. Bruce and Nicholas H. Holmes, Jr. 1971 A Chronological Framework for the Mobile Bay Region. *Journal of Alabama Archaeology*, 17:115-128.
- Turner, R.E. 1997. Wetland loss in the northern Gulf of Mexico: Multiple working hypothesis. *Estuaries* 20:1-13.
- Turner, R.E., W.W. Schroeder, and W.J. Wiseman. 1987. The role of stratification in the deoxygenation of Mobile Bay and adjacent shelf bottom waters. *Estuaries* 10: 13-19.
- Twilley, R.R. and Barko, J.W., 1990. The growth of submersed macrophytes under experimental salinity and light conditions. *Estuaries*, 13(3), pp.311-321.
- TWT 2017. Together We Teach. U.S. Cities: Alabama Cities over 1000 Population. Accessed 3/1/2018 at <http://www.togetherweteach.com/TWTIC/uscityinfo/01a/01a2.htm>
- U.S. Army Corps of Engineers, 2006. EM 1110-2-1613, Hydraulic Design of Deep Draft Navigation Channels. 31 May 2006.
- U.S. Army Corps of Engineers, 2013. ER 1100-2-8162, Incorporating Sea level Changes in Civil Works Programs, 31 December 2013.
- U.S. Army Corps of Engineers (USACE), 2008. Final Evaluation of Dredged Material, Federally Authorized Navigation Project, Mobile Harbor Turning Basin, Mobile Harbor, Mobile, Alabama, prepared by EA Engineering, Science, and Technology, Inc.
- U.S. Army Corps of Engineers (USACE), 2011. Final Evaluation of Dredged Material, Federally Authorized Navigation Projects, Mobile Harbor, Mobile, Alabama, prepared by EA Engineering, Science, and Technology, Inc.

- U.S. Army Corps of Engineers (USACE), 2015. Final Evaluation of Dredged Material, Mobile Harbor Widening Project, Mobile Harbor, Mobile, Alabama, prepared by EA Engineering, Science, and Technology, Inc.
- U.S. Army Corps of Engineers (USACE). 2009a. *Mississippi Coastal Improvements Program (MsCIP), Hancock, Harrison, and Jackson Counties, Mississippi, Comprehensive Plan and Integrated Programmatic Environmental Impact Statement*. Main report and appendices. June.
- U.S. Army Corps of Engineers, 2014, Environmental Assessment and Section 404(b)(1) Evaluation, Modification to Mobile Harbor Operations and Maintenance Addition of Long Term Open Bay Thin-Layer Disposal Option, USACE Mobile District, July 2014.
- U.S. Army Corps of Engineers. 1966. Waterborne Commerce of the United States, Calendar Year 1966.
- U.S. Army Corps of Engineers. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-10-20. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- U.S. Army Engineer Waterways Experiment Station. 1978. Dredged Material Disposal Program: a Field Study of Fluid Mud Dredged Material: Its Physical Nature and Dispersal, Nichols, Thompson, and Faas, Technical Report D-78-40.
- U.S. Army Engineer Waterways Experiment Station. 1978. Dredged Material Research Program, E.M. Stern, Technical Report D-78-21.
- U.S. Department of Agriculture - Natural Resources Conservation Service (USDA-NRCS). 1997. Chapter 19 - Hydrology Tools for Wetland Determination. Part 650. Engineering Field Handbook.
- U.S. Department of Housing and Urban Development. 1985. The Noise Guidebook, HUD-953-CPD Washington, D.C., Superintendent of Documents, U.S. Government Printing Office.
- U.S. Department of the Navy, 1986. Draft Environmental Impact Statement United States Navy: Gulf Coast Strategic Homeporting: Mobile, Alabama, Appendix V.
- U.S. Department of Transportation (DOT), 2015: U.S. DOT Gulf Coast study, phase 2, FHWA-HEP-14-053, U.S. Department of Transportation, Federal Highway Administration. [Available online at https://www.fhwa.dot.gov/environment/climate_change/adaptation/case_studies/gulf_coast_study/gcsph2.pdf]
- U.S. Environmental Protection Agency (USEPA) and U.S. Army Corps of Engineers (USACE). 1991. Evaluation of dredged material proposed for ocean disposal. EPA503/8-91/001.

- U.S. Fish and Wildlife Service (USFWS). 2008. Alabama Sea Turtle Conservation Manual. Prepared by U.S. Fish and Wildlife Service, Department of Interior, Bon Secour National Wildlife Refuge, Gulf Shores, AL, March 2008
- U.S. Fish and Wildlife Service (USFWS). 2010g. Species Profile for Kemp's Ridley sea turtle (*Lepidochelys kempii*). Reports: Environmental Conservation Online System. <http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=C000>. Accessed November 29, 2010.
- U.S. Fish and Wildlife Service (USFWS). 2010h. Species Profile for Piping Plover (*Charadrius melodus*). Reports: Environmental Conservation Online System. <http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B079>. Accessed November 29, 2010.
- U.S. Fish and Wildlife Service (USFWS). 2013. Endangered and Threatened Wildlife and Plants; Proposed Threatened Status for the Rufa Red Knot (*Calidris canutus rufa*); Proposed Rule. Federal Register /Vol. 78, No. 189 /Monday, September 30, 2013.
- U.S. Geological Survey (USGS). 2013. Hypoxia in the Gulf of Mexico, website: http://toxics.usgs.gov/hypoxia/hypoxic_zone.html. Accessed on April 24, 2013.
- U.S. Geological Survey, (2012). *Water-resources data for the United States, Water Year 2011*: U.S. Geological Survey Water-Data Report WDR-US-2011, site 02428400, Alabama River at Claiborne Lock and Dam Near Monroeville, Alabama. Reston, VA.
- U.S. Geological Survey, 2018a, Specimen observation data for *Myriophyllum spicatum* L., Nonindigenous Aquatic Species Database, Gainesville, FL, <https://nas.er.usgs.gov/viewer/omap.aspx?SpeciesID=237>, Access Date: 4/19/2018.
- U.S. Geological Survey, 2018b, Specimen observation data for *Eichhornia crassipes* (Mart.) Solms, Nonindigenous Aquatic Species Database, Gainesville, FL, <https://nas.er.usgs.gov/viewer/omap.aspx?SpeciesID=1130>, Access Date: 4/19/2018.
- United States Army Corps of Engineers (USACE), 1985. Long Range Plan for Disposal of Dredged Material from the Upper Mobile Harbor, Alabama. U.S. Army Corps of Engineers, Mobile District, Alabama.
- United States Engineer, 1946. *Office Review of Reports. Alabama-Coosa Branch of the Mobile River System. Determination of the Salinity line in Mobile River*, April 1946.
- United States Environmental Protection Agency (USEPA) and United States Army Corps of Engineers (USACE), 1998. Evaluation of Dredged Material Proposed For Discharge in Waters of the U.S. – Testing Manual: Inland Testing Manual. EPA-823-B-98-004.
- United States Environmental Protection Agency (USEPA) and United States Army Corps of Engineers (USACE). 1991. Evaluation of Dredged Material Proposed for Ocean Disposal, Testing Manual. EPA 503/8-91/001. Office of Water.

- United States Environmental Protection Agency (USEPA) and United States Army Corps of Engineers (USACE). 2008. Southeast Regional Implementation Manual (SERIM): Requirements and Procedures for Evaluation of the Ocean Disposal of Dredged Material in Southeastern U.S. Atlantic and Gulf Coast Waters. EPA 904-B-08-001. EPA Region 4 and USACE South Atlantic Division with assistance from ANAMAR Environmental Consulting, Inc., Gainesville, Florida.
- United States Environmental Protection Agency. Gulf of Mexico Program Office. September 20 2000. An Initial Survey of Aquatic Invasive Species Issues in the Gulf of Mexico Region. EPA 21 855-R-00-003.
- United States Navy (Navy). 1986. Environmental Impact Statement, United States Navy Gulf Coast Strategic Homeporting. Appendix V, Mobile, Alabama.
- United States Navy, Naval Meteorology and Oceanography Command, 2002. Hurricane Havens Handbook for the North Atlantic Ocean.
<https://www.cnmoc.navy.mil/nmosw/tr8203nc/mobile/text/lof.htm>
- University of South Alabama. 2011. USA Restoration Briefs, Volume Seven: Hypoxia and Juvenile Oyster Survival, USA Oyster Reef and Fisheries Habitat Enhancement Program, Summer 2011. Accessed at http://www.oyster-restoration.org/wp-content/uploads/2012/06/Summer2011_Restoration_Brief.pdf
- USACE (U.S. Army Corps of Engineers), 2001. Erosion Rates and Bulk Properties of Dredged Sediments from Mobile, Alabama. Vicksburg, Mississippi: U.S. Army Research and Development Center/Dredging Operations and Environmental Research, *ERDC TN-DOER-N10*, 18p.
- USACE 2017. Key Messages Communication Plan (internal)
- USACE 2018 State Implementation Plan. Page 73. Mobile Harbor Main Report 09-29-2017.docx
- USACE 2018. Mobile Harbor Main Report draft (internal)
- USACE. 1980. Final EIS Mobile Harbor Channel Improvements, October 1980.
- USACE. 2003. Draft Environmental Impact Statement for Choctaw Point Terminal Project Mobile, Alabama. October 2003.
- USACE. 2007. General Re-evaluation Report, Environmental Assessment Mobile Harbor Turning Basin, February 2007.
- USACE. 2010. Statement of Findings, Finding of No Significant Impact, Environmental Assessment and Section 404(b)(1) Evaluation Report for Expansion of Sand Island Beneficial Use Area, Environmental Recertification Package. USACE, Mobile District, Planning and Environmental Division. January 2010.

- USACE. 2012. Final Environmental Assessment and Section 404(b)(1) Evaluation, Environmental Certification Package, Mobile Harbor Operations and Maintenance, Mobile County Alabama. USACE, Mobile District, Planning and Environmental Division. April 2012.
- USACE. 2014. Environmental Assessment, Findings of No Significant Impacts, and Section 404(b)(1) Evaluation, Modification to Mobile Harbor Operations and Maintenance Addition of a Long Term Open Bay Thin-Layer Disposal Option, Mobile County, Alabama. USACE, Mobile District, Planning and Environmental Division. July 2014.
- USACE. 2014. USACE Safety and Health Requirements Manual, EM 385-1-1. Accessed 4/18/2018 at <http://www.usace.army.mil/Safety-and-Occupational-Health/Safety-and-Health-Requirements-Manual/>
- USACE. 2015a. Beneficial Use of Dredged Material to Fill Holes from Oyster Shell Mining in Mobile Bay. FY16 Regional Sediment Management-Engineering with Nature In-Progress Review, Duck, North Carolina. May 17-19, 2015.
- USACE. 2015b. Army Programs Corps of Engineers Civil Works Direct Program Development Policy Guidance Fiscal Year 2017, Circular No. 11-2-208. March 31, 2015.
- USACE. 2017a. Joint Public Notice – U.S. Army Corps of Engineers and Alabama Department of Environmental Management for Continued Maintenance and Placement of Dredged Material for the Bayou La Batre Navigation Project, Mobile County, Alabama, Public Notice No. FP17-BB01-09. December 5, 2017.
- USACE. 2017b. Joint Public Notice – U.S. Army Corps of Engineers and Alabama Department of Environmental Management for Proposed Maintenance and Disposal of Dredged Material for the Bon Secour River Navigation Project, Baldwin County, Alabama, Public Notice No. FP17-BS04-13. December 12, 2017.
- USACE. 2018. Ports and Waterways Facilities. Accessed on 2/28/18 at: <http://www.navigationdatacenter.us/ports/ports.htm>
- USACE. 2018. Alabama Coastal Comprehensive Plan. Accessed on 2/8/18 at <http://www.sam.usace.army.mil/Missions/Program-and-Project-Management/Alabama-Coastal-Comprehensive-Plan/>.
- USCB 1990a. United States Census Bureau. 1990 Census of Population. Alabama. Accessed 3/1/2018 at <https://www2.census.gov/library/publications/decennial/1990/cp-1/cp-1-2.pdf>
- USCB 1990b. United States Census Bureau. 1990 Census of Population. United States. Accessed 3/1/2018 at <https://www2.census.gov/library/publications/decennial/1990/cp-1/cp-1-1.pdf>
- USCB 2000. United States Census Bureau. Total Population. Accessed 3/1/2018 at <https://factfinder.census.gov/bkmk/table/1.0/en/PEP/2017/PEPANNRES>

USCB 2010. United States Census Bureau. Total Population. Accessed 3/1/2018 at https://factfinder.census.gov/bkmk/table/1.0/en/DEC/10_SF1/P1/0100000US|0400000US01|0500000US01003|0500000US01097

USCB 2016. United States Census Bureau. ACS Demographic and Housing Estimates 2012-2016 American Community Survey 5-Year Estimates. Accessed 3/1/2018 at <https://www.census.gov/quickfacts/fact/table/mobilecountyalabama,baldwincountyalabama/PST045217>

USCB 2016a. Table B03002. Hispanic or Latino Origin by Race. 2012-2016 American Community Survey 5-Year Estimates - Alabama. Accessed 4/12/2018 at https://factfinder.census.gov/bkmk/table/1.0/en/ACS/16_5YR/B03002/0400000US01|0500000US01003|0500000US01003.15000|0500000US01097|0500000US01097.15000

USCB 2016b. Table B03002. Hispanic or Latino Origin by Race. 2012-2016 American Community Survey 5-Year Estimates – United States. Accessed 4/12/2018 at https://factfinder.census.gov/bkmk/table/1.0/en/ACS/16_5YR/B03002/0100000US

USCB 2016c. Table B17021. Poverty Status of Individuals in the Past 12 Months by Living Arrangement, 2012-2016 American Community Survey 5-Year Estimates - Alabama. Accessed 4/12/2018 at https://factfinder.census.gov/bkmk/table/1.0/en/ACS/16_5YR/B17021/0400000US01|0500000US01003|0500000US01003.15000|0500000US01097|0500000US01097.15000

USCB 2016d. Table B17021. Poverty Status of Individuals in the Past 12 Months by Living Arrangement, 2012-2016 American Community Survey 5-Year Estimates – United States. Accessed 4/12/2018 at https://factfinder.census.gov/bkmk/table/1.0/en/ACS/16_5YR/B17021/0100000US

USCB 2017. United States Census Bureau. Quick Facts: Mobile County, Alabama; Baldwin County, Alabama. Accessed 3/1/2018 at <https://www.census.gov/quickfacts/fact/table/mobilecountyalabama,baldwincountyalabama/PST045217>

USDA 2000. The PLANTS database. <http://plants.usda.gov>. National Plant Data Center, Baton Rouge, Louisiana.

USDA, NRCS. 2017. The PLANTS Database (<http://plants.usda.gov>). National Plant Data Team, Greensboro, NC 27401-4901 USA.

USDA, NRCS. 2018. The PLANTS Database (<http://plants.usda.gov>, 9 April 2018). National Plant Data Team, Greensboro, NC 27401-4901 USA.

USFWS – National Wetland Inventory Mapper. 2016. <https://www.fws.gov/wetlands/Data/Mapper.html>

- USFWS. 2017. Limitations on and Exceptions to Federal Expenditures, Coastal barrier Resources System, Accessed at <https://www.fws.gov/cbra/Limitations-and-Exceptions.html>. May 10, 2017.
- USGS, 1996. Ground-Water Resources Data for Baldwin County Alabama, USGS Open-File Report 96-478.
- USGS, State of Alabama, NFWF, and USACE, Mobile District. 2017. Alabama Barrier Island Restoration Assessment Interim Report. August 2017.
- Van Diggelen, A. D. and P. A. Montagna. 2016. Is salinity variability a benthic disturbance in estuaries? *Estuaries and Coasts* 39: 967-980.
- Van Dolrah. R.F., D.R. Calder, D.M. Knott and M.S. Maclin. 1979. Effects of dredging and unconfined disposal of dredged material on macrobenthic communities in Sewee Bay, South Carolina. South Carolina Marine Resources Center Technical Report No. 39, April 1979. 54 pp.
- Van Hoose, Mark S., 1987. Biology of Spotted Seatrout (*Cynoscion nebulosus*) and Red Drum (*Sciaenops ocellatus*) in Alabama Estuarine Waters. In: Symposium on the Natural Resources of the Mobile Bay Estuary. Alabama Sea Grant Extension Service, p. 26-37.
- Vas, S., Martin, C. S., Eastwood, P. D., Ernande, B., Carpentier, G. J. Meaden, and F. Coppin. 2008. Modelling species distributions using regression quantiles. *Journal of Applied Ecology* 45; 204–217.
- Vepraskas M., Craft, C. 2016. Wetland Soils: Genesis, Hydrology, Landscapes, and Classification. CRC Press. Boca Raton, FL.
- Vincent, W.J., 2001. Nutrient partitioning in the upper Canning River, Western Australia, and implications for the control of cyanobacterial blooms using salinity. *Ecological Engineering*, 16(3), pp.359-371.
- Vittor, B. A., and Associates, Inc., 1985. Tuscaloosa trend regional data search and synthesis (Volume 1-Synthesis Report): New Orleans, Louisiana, Minerals Management Services, Contract no 14-12-001-30048.
- Vittor, B.A. and Associates, Inc. 2010. Submerged aquatic vegetation mapping in Mobile Bay and adjacent waters of coastal Alabama in 2008 and 2009. Report prepared for Mobile Bay National Estuary Program, Mobile. AL.
- Vittor, B.A. and Associates, Inc. 2016. Submerged aquatic vegetation mapping in Mobile Bay and adjacent waters of coastal Alabama in 2015. Report prepared for Mobile Bay National Estuary Program, Mobile, AL and Alabama DCNR State Lands Division Coastal Section.

- Vittor, B.A. and Associates, Inc., 2004. Mapping of Submerged Aquatic Vegetation in Mobile Bay and Adjacent Waters of Coastal Alabama in 2002. Prepared for the Mobile Bay National Estuary Program, Mobile, AL.
- Walthall, John A. 1980. *Prehistoric Indians of the Southeast: Archaeology of Alabama and the Middle South*. University of Alabama Press, Tuscaloosa.
- Ward, D.B. 2010. North America has two species of *Phragmites* (Gramineae). *Castanea*. 75(3):394-401.
- Waring, Gordon T., Elizabeth Josephson, Katherine Maze-Foley, and Patricia E. Rosel, Editors. 2013. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments – 2012. Volume 1. March 2013.
- Water, Francis Z. 1993. The Naval Battle of Mobile Bay August 5, 1864/Franklin Buchanan on the Tennessee: A Portrait of the Admiral of the Confederate Fleet in Mobile Bay. Prester Meridian Press, Birmingham, AL.
- Weakley, A.S. 2015. Flora of the southern and mid-Atlantic states. Working draft of 29 May 2015. University of North Carolina Herbarium, Chapel Hill, North Carolina.
- West Jr., W. W., 1997. USS Tecumseh Shipwreck Management Plan. On file at US Army Corps of Engineers, Mobile District. Mobile, AL.
- Westbrooks, R. 1998. Invasive plants, changing the landscape of America: Fact Book. Federal Interagency Committee for the Management of Noxious and Exotic Weeds (FICMNEW) Washington, D.C. 109pp.
- Wheat, Steve, 2008. Forts Morgan and Gaines. Encyclopedia of Alabama. Alabama Humanities Foundation, Birmingham. Electronic document, <http://www.encyclopediaofalabama.org/article/h-1800>, accessed May 23, 2018.
- Wilbanks, Ralph L., 2002. Search for American Diver. Submitted to the US Army Corps of Engineers, Mobile District. Mobile, AL.
- Wimberly, Steve B. 1960. Indian Pottery of Clarke County and Mobile County, Southern Alabama. *Alabama Museum of Natural History, Museum Paper 36*. University of Alabama, Tuscaloosa.
- Wingard, Lee. 2017. "Alabama Gulf Coast Receives \$33 Million for Conservation Projects." November 17, 2017. *News 5 WKRG.com*. Accessed on 2/12/18 at <http://www.wkrg.com/news/local-news/alabama-gulf-coast-receives-33-million-for-conservation-projects/906173660>.
- Yuan, R. and J. Zhu. 2015. The effects of dredging on tidal range and saltwater intrusion in the Pearl River estuary. *Journal of Coastal Research* 31: 1357-1362.
- Zdravkovic, Margo. 2009. Nonbreeding bird census. Unpublished report. National Audubon Society. Coastal Bird Conservation Program.

- Zhao, H. and Chen, Q., 2008. Characteristics of extreme meteorological forcing and water levels in Mobile Bay, Alabama. *Estuaries and Coast*, 31(4), 704-718.
- Zhao, H.; Chen, Q.; Walker, N.D.; Zheng, Q, and Macintyre, H.L., 2011. A study of sediment transport in a shallow estuary using MODIS imagery and particle tracking simulation. *International Journal of Remote Sensing*, 19p.
- Zhu, J., R.H. Weisberg, and L.Y. Zheng. 2014. Influences of channel deepening and widening on the tidal and nontidal circulations of Tampa Bay. *Estuaries and Coasts* 38: 132-150.
- Zieman, J., 1982. The ecology of the seagrasses of south florida: A community profile. USFWS, Office of Biological Services, Washington, D.C. FWS/OBS-82 (reprinted September 1985).