

9.0 LITERATURE CITED

- Ackerman, B.B., 1995. Aerial Surveys of Manatees: A Summary and Progress Report. In: T.J. O'Shea, B.B. Ackerman, and H.F. Percival (eds.), Population Biology of the Florida Manatee. National Biological Service Information and Technical Report No. 1, pp. 13-33.
- Adams, K.T., 1942. Hydrographic Manual. U.S. Department of Commerce, Coast and Geodetic Survey, Special Publication 143, 940 pp.
- Alabama Game and Fish Division, 1997. Federally listed endangered/threatened species. Department of Conservation and Natural Resources, Montgomery, AL.
- Alexander, J.E., T.T. White, K.E. Turgeon, and A.W. Blizzard, 1977. Baseline Monitoring Studies, Mississippi, Alabama, Florida Outer Continental Shelf, 1975-1976, Volume III: Results. Final Report Prepared for U.S. Department of the Interior, Bureau of Land Management, Washington, DC., Report No. BLM-ST-78-32.
- Anders, F.J. and M.R. Byrnes, 1991. Accuracy of shoreline change rates as determined from maps and aerial photographs. *Shore and Beach*, 59(1): 17-26.
- Andrews, J., 1971. Shells and Shores of Texas. University of Texas Press, Austin and London. 365 pp.
- Applied Biology, Inc., 1979. Biological Studies Concerning Dredging and Beach Nourishment at Duval County, Florida with a Review of Pertinent Literature. U.S. Army Corps of Engineers, Jacksonville District, Jacksonville, FL.
- Arnold, D.W., 1992. The Scientific Rationale For Restricting Coastal Construction Activities During The Marine Turtle Nesting Season. In: L.S. Tait (comp.), New Directions in Beach Management. Proceedings of the 5th Annual National Conference on Beach Preservation Technology, St. Petersburg, FL, pp. 374-380.
- Auld, A.H. and J.R. Schubel, 1978. Effects of suspended sediment on fish eggs and larvae: A laboratory assessment. *Estuarine and Coastal Marine Science*, 6: 153-164.
- Bakker, W.T., 1974. Sand concentration in an oscillatory flow. Proceedings of the 14th Conference on Coastal Engineering, ASCE, New York, pp. 1,129-1,148.
- Bakker, W.T. and Th. Van Doorn, 1978. Near-bottom velocities in waves with a current. Proceedings of the 16th Conference on Coastal Engineering, ASCE, New York, pp. 1,394-1,413.
- Balech, E., 1967. Dinoflagellates and tintinnids in the northeastern Gulf of Mexico. *Bulletin of Marine Science in the Gulf and Caribbean*, 17(2): 280-298.
- Barry A. Vittor & Associates, Inc., 1985. Tuscaloosa Trend Regional Data Search and Synthesis Study, Synthesis Report, Volume I. U.S. Department of the Interior, Minerals Management Service, New Orleans, LA. OCS Study MMS 85-0056.
- Barry A. Vittor & Associates, Inc., 1988. Environmental Report, Jubilee Pipeline Systems. Final Report to Jubilee Pipeline Company, Houston, TX. 105 pp.
- Barry, M., 1978. Behavioral Response of Yellowfin Tuna, *Thunnus albacares*, and Kawakawa, *Euthynnus affinis*, to Turbidity. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Pacific Marine Environmental Laboratory, Seattle, WA. Deep Ocean Mining Environmental Study (DOMES), Unpublished Manuscript Number 31. National Technical Information Service No. PB-297, 106 pp.

- Bearden, B.L. and R.L. Hummell, 1990. Geomorphology of Coastal Sand Dunes, Morgan Peninsula, Baldwin County, Alabama. Geological Survey of Alabama Circular 150, 71 pp.
- Bedford, K.W., and J. Lee, 1994. Near-bottom sediment response to combined wave-current conditions, Mobile Bay, Gulf of Mexico. *Journal of Geophysical Research*, 16: 161-177.
- Benfield, M.C. and T.J. Minello, 1996. Relative effects of turbidity and light intensity on reactive distance and feeding of an estuarine fish. *Environmental Biology of Fishes*, 46: 211-216.
- Berkhoff, J.C.W., N. Booij and A.C. Radder, 1972. Verification of numerical wave propagation models for simple harmonic linear waves. *Coastal Engineering*, 6: 255-279.
- Berry, S.A., 1990. Canaveral Harbor Entrance Channel Operational Measures to Protect Sea Turtles. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 49-52.
- Biggs, R.B., 1968. Environmental Effects of Overboard Spoil Disposal. *Journal of Sanitary Engineering Division* 94, No. SA3, Proceeding Paper 5979, pp. 477-478.
- Birkemeier, W.A. and R.A. Dalrymple, 1976. Numerical Models for the Prediction of Wave Set-up and Nearshore Circulation. Ocean Engineering Report No. 3, Department of Civil Engineering, University of Delaware, Newark, DE.
- Blake, N.J., L.J. Doyle, and J.J. Culter, 1995. Impacts and Direct Effects of Sand Dredging for Beach Renourishment on the Benthic Organisms and Geology of the West Florida Shelf. U.S. Department of the Interior, Minerals Management Service, Office of International Activities and Marine Minerals, Herndon, VA. Executive Summary, OCS Report MMS 95-0004, 23 pp. Final Report, OCS Report MMS 95-0005, 109 pp. Appendices, OCS Report MMS 95-0005.
- Blanton, J.O., 1994. U.S. Southeast Continental Shelf Inner Shelf Processes Relevant to the Northeast Gulf of Mexico Inner Shelf. *Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop*, U.S. Department of the Interior, Minerals Management Service, OCS Study 94-0044.
- Blaxter, J.H.S., 1968. Visual thresholds and spectral sensitivity of herring larvae. *Journal of Experimental Biology*, 48: 39-53.
- Blaylock, R.A., J.W. Hain, L.J. Hansen, D.L. Palka, and G.T. Waring, 1995. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments. NOAA Tech. Mem. NMFS-SEFSC-363, 211 pp.
- Bodge, K.R., 1986. Short Term Impoundment of Longshore Sediment Transport. Ph.D. Dissertation, Department of Coastal and Ocean Engineering, University of Florida, Gainesville, FL, 346 pp.
- Bodge, K.R. and R.G. Dean, 1987. Short-term Impoundment of Longshore Transport. *Proceedings of Coastal Sediments '87*, ASCE, pp. 468-483.
- Bodge, K.R., 1989. A literature review of the distribution of longshore sediment transport across the surf zone. *Journal of Coastal Research*, 5(2): 307-328.
- Boehlert, G.W. and J. B. Morgan, 1985. Turbidity enhances feeding abilities of larval Pacific herring, *Clupea harengus pallasii*. *Hydrobiologia*, 123: 161-170.
- Boesch, D.F., 1973. Classification and community structure of macrobenthos in the Hampton Roads area, Virginia. *Marine Biology*, 21: 226-244.

- Bonsdorff, E., 1983. Recovery Potential of Macrozoobenthos from Dredging in Shallow Brackish Waters. In: L. Cabioch et al. (eds), *Fluctuations and Succession in Marine Ecosystems, Proceedings of the 17th European Symposium on Marine Biology*, Brest: Oceanologica Acta., pp. 27-32.
- Booij, N., 1983. A note on the accuracy of the mild-slope equation. *Coastal Engineering*, 7: 191-203.
- Boone, P.A., 1973. Depositional systems of the Mississippi, Alabama, and western Florida coastal zone. *Gulf Coastal Association of Geological Societies Transactions*, 23: 266-277.
- Borgman, L.E., 1985. Directional Spectrum Estimation for the S_{xy} Gauges. Technical Report, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS, pp. 1-104.
- Borror, A.C., 1962. Ciliate protozoa of the Gulf of Mexico. *Bulletin of Marine Science in the Gulf and Caribbean*, 12(3): 333-349.
- Bowen, P.R. and G.A. Marsh, 1988. Benthic Faunal Colonization of an Offshore Borrow Pit in Southeastern Florida. U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Station, Vicksburg, MS. Miscellaneous Paper D-88-5.
- Boyd, I.L. and M.P. Stanfield, 1998. Circumstantial evidence for the presence of monk seals in the West Indies. *Oryx*, 32: 310-316.
- Breitburg, D.L., 1988. Effects of turbidity on prey consumption by striped bass larvae. *Transactions of the American Fisheries Society*, 117: 72-77.
- Bretschneider, C.L., 1968. Significant waves and wave spectrum. *Ocean Industry*, 40-46.
- Brooks, J.M. and C.P. Giamonna (eds.), 1991. Mississippi-Alabama Continental Shelf Ecosystem Study Data Summary and Synthesis, Volume II: Technical Narrative. U.S. Department of the Interior, Minerals Management Service, OCS Study MMS 91-0063.
- Brooks, R.M. and W.D. Corson, 1984. Summary of Archived Study Pressure, Wind, Wave, and Water Level Data. U.S. Army Engineer Waterways Experiment Station, Wave Information Study, Vicksburg, MS, WIS Report 13.
- Bruton, M.N., 1985. The effects of suspensoids on fish. *Hydrobiologia*, 125: 221-241.
- Burke, V.J., E.A. Standora, and S.J. Morreale, 1993. Diet of juvenile Kemp's ridley and loggerhead sea turtles from Long Island, New York. *Copeia*, 1993: 1,176-1,180.
- Burke, W.D., 1975. Pelagic Cnidaria of the Mississippi Sound and adjacent waters. *Gulf Research Report*, 5(1): 23-38.
- Burke, W.D., 1976. Biology and distribution of the macrocoelenterates of the Mississippi Sound and adjacent waters. *Gulf Research Report*, 5(2): 17-28.
- Byles, R.A., 1988. Satellite Telemetry of Kemp's Ridley Sea Turtle, *Lepidochelys kempii*, in the Gulf of Mexico. Report to the National Fish and Wildlife Foundation, 40 pp.
- Byles, R.A. and C.K. Dodd, 1989. Satellite Biotelemetry of a Loggerhead Sea Turtle (*Caretta caretta*) from the East Coast of Florida. In: S.A. Eckert, K.L. Eckert, and T.H. Richardson (comps.), *Proceedings of the Ninth Annual Workshop on Sea Turtle Conservation and Biology*. U.S. Department of Commerce, Miami, FL. NOAA Tech. Mem. NMFS-SEFSC-232, pp. 215-218.
- Byles, R.A., C. Caillouet, D. Crouse, L. Crowder, S. Epperly, W. Gabriel, B. Gallaway, M. Harris, T. Henwood, S. Heppell, R. Marquez, S. Murphy, W. Teas, N. Thompson, and

- B. Witherington, 1996. A report of the turtle expert working group: Results of a series of deliberations held in Miami, Florida, June 1995-June 1996.
- Byrnes, M.R. and C.G. Groat, 1991. Characterization of the Development Potential of Ship Shoal Sand for Beach Replenishment of Isles Dernieres. Final Report, U.S. Department of the Interior, Minerals Management Service, Office of International Activities and Marine Minerals, Herndon, VA, 164 pp.
- Byrnes, M.R. and M.W. Hiland, 1994a. Shoreline Position and Nearshore Bathymetric Change (Chapter 3). In: N.C. Kraus, L.T. Gorman, and J. Pope (editors), Kings Bay Coastal and Estuarine Monitoring and Evaluation Program: Coastal Studies. Technical Report CERC-94-09, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS, pp. 61-143.
- Byrnes, M.R. and M.W. Hiland, 1994b. Compilation and analysis of shoreline and bathymetry data (Appendix B). In: N.C. Kraus, L.T. Gorman, and J. Pope (editors), Kings Bay Coastal and Estuarine Monitoring and Evaluation Program: Coastal Studies. Technical Report CERC-94-09, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS, pp. B1-B89.
- 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, pp. 43-55.
- Carr, A.F. Jr, L. Ogren, and C. McVea, 1981. Apparent hibernation by the Atlantic loggerhead turtle *Caretta caretta* off Cape Canaveral. Biol. Conserv., 19: 7-14.
- Centre for Cold Ocean Resources Engineering (C-CORE), 1995. Proposed Marine Mining Technologies and Mitigation Techniques: A Detailed Analysis with Respect to the Mining of Specific Offshore Mineral Commodities. Contract report for U.S. Department of the Interior, Minerals Management Service, OCS Report MMS 95-0003, C-CORE Publication 96-C15, 280 pp. + apps.
- Chandler, C.R., R.M. Sanders, Jr., and A.M. Landry, Jr., 1985. Effects of three substrate variables on two artificial reef fish communities. Bulletin of Marine Science, 37(1): 129-142.
- Chermock, R.L., P.A. Boone, and R.L. Lipp, 1974. The Environment of Offshore and Estuarine Alabama. Geological Survey of Alabama Information Series 51, 135 pp.
- Chittenden, M.E., Jr. and J.D. McEachran, 1976. Composition, Ecology, and Dynamics of Demersal Fish Communities on the Northwestern Gulf of Mexico Continental Shelf, with a Similar Synopsis for the Entire Gulf. Texas A&M Univ. Sea Grant Pub. No. 76-208, 104 pp.
- Christmas, J.Y., 1973. Cooperative Gulf of Mexico estuarine inventory and study, Mississippi. Gulf Coast Research Laboratory, Oceans Springs, MS. 434 pp.
- Christmas, J.Y., G. Gunter, and P. Musgrave, 1966. Studies of annual abundance of postlarval penaeid shrimp in the estuarine waters of Mississippi, as related to subsequent commercial catches. Gulf Research Report, 2(2): 177-212.
- Clarke, A.J., 1994. Overview of the Physical Oceanography of the Florida Shelf in the Study Region. Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop, U.S. Department of the Interior, Minerals Management Service, OCS Study 94-0044.
- Coastal Oceanographics, 1996. Hypack Navigation Software Version 6.4.

- Coastline Surveys Limited, 1998. Marine Aggregate Mining Benthic and Surface Plume Study. Final report to the U.S. Department of the Interior, Minerals Management Service and Plume Research Group. Report 98-555-03, 168 pp.
- Comiskey, C., T. Farmer, C. Brandt, Y. Jager, and E. Burrell, 1985. Quantitative Characterization of Demersal Finfish and Shellfish Populations and Communities in the Tuscaloosa Trend Region, Appendix C. In: Tuscaloosa Trend Regional Data Search and Synthesis Study, Synthesis Report, Volume II. U.S. Department of the Interior, Minerals Management Service, New Orleans, LA, OCS Study MMS 85-0056, 236 pp.
- Continental Shelf Associates, Inc., 1989. Diver Tow and Photographic Survey Around a Proposed Drillsite in Pensacola Area Block 881. Report Prepared for Conoco, Inc., New Orleans, LA. 3 pp. + app.
- Continental Shelf Associates, Inc. and Barry A. Vittor & Associates, Inc., 1989. Environmental Monitoring in Block 132 Alabama State Waters. Report Prepared for Shell Offshore, Inc., New Orleans, LA. 75 pp.
- Crowell, M., S.P. Leatherman, and M.K. Buckley, 1991. Historical shoreline change: error analysis and mapping accuracy. *Journal of Coastal Research*, 7(3): 839-852.
- Cruikshank, M.J., J.P. Flanagan, B. Holt, and J.W. Padan, 1987. Marine Mining on the Outer Continental Shelf: Environmental Effects Overview. U.S. Department of the Interior, Minerals Management Service, OCS Report 87-0035, 66 pp.
- Da Silva, J.A. and R.E. Condrey, 1998. Discerning patterns in patchy data: A categorical approach using Gulf menhaden, *Brevoortia patronus*, bycatch. *Fishery Bulletin*, 96(2): 193-209.
- Dames & Moore, 1979. Mississippi, Alabama, Florida Outer Continental Shelf Baseline Environmental Survey; MAFLA, 1977/78. Final Report Prepared for the U.S. Department of the Interior, Bureau of Land Management, Contract No. AA550-CT7-34.
- Darnell, R.M., 1991. Summary and Synthesis. In: J.M. Brooks and C.P. Giamonna (eds.), Mississippi-Alabama Continental Shelf Ecosystem Study Data Summary and Synthesis, Volume II: Technical Narrative. U.S. Department of the Interior, Minerals Management Service, OCS Study MMS 91-0063, pp. 15: 1-147.
- Darnell, R.M. and J.A. Kleypas, 1987. Eastern Gulf Shelf Bio-atlas: A Study of the Distribution of Demersal Fishes and Penaeid Shrimp of Soft Bottoms of the Continental Shelf from the Mississippi River Delta to the Florida Keys. U.S. Department of the Interior, Minerals Management Service, OCS Study MMS 86-0041, 548 pp.
- Davis, H.C. and H. Hidu, 1969. Effects of turbidity-producing substances in sea water on eggs and larvae of three genera of bivalve mollusks. *Veliger*, 11(4): 316-323.
- Davis, R.W. and G.S. Fargion (eds.), 1996. Distribution and Abundance of Cetaceans in the North-central and Western Gulf of Mexico, Final Report, Volume II: Technical report. Prepared by the Texas Institute of Oceanography and the National Marine Fisheries Service. U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region Office, New Orleans, LA, OCS Study MMS 96-0027, 357 pp.
- Davis, R.W., G.S. Fargion, N. May, T.D. Leming, M. Baumgartner, W.E. Evans, L.J. Hansen, and K. Mullin, 1998. Physical habitat of cetaceans along the continental slope in the north-central and western Gulf of Mexico. *Marine Mammal Science*, 14(3): 490-507.
- Defenbaugh, R.E., 1976. A Study of the Benthic Macroinvertebrates of the Continental Shelf of the Northern Gulf of Mexico. Ph.D. dissertation, Texas A&M University, College Station, TX, 476 pp.

- Diaz, R.J. and R. Rosenberg, 1995. Marine benthic hypoxia: A review of its ecological effects and the behavioural responses of benthic macrofauna. *Oceanographic Marine Biology Annual Review*, 33: 245-304.
- Dickerson, D.D., 1990. Workgroup 1 Summary. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 74-75.
- Dickerson, D.D., D.A. Nelson, M. Wolff, and L. Manners, 1992. Summary of Dredging Impacts on Sea Turtles: King's Bay, Georgia and Cape Canaveral, Florida. In: M. Salmon and J. Wyneken (comps.), *Proceedings of the Eleventh Annual Workshop on Sea Turtle Biology and Conservation*, Jekyll Island, GA. NOAA Tech. Mem. NMFS-SEFSC-302, pp. 148-151.
- Dickerson, D.D., K.J. Reine, and D.G. Clarke, 1998. Economic Impacts of Environmental Windows Associated with Dredging Operations. U.S. Army Engineer Waterways Experiment Station, Research and Development Center, Vicksburg, MS. DOER Tech. Note: Collection (TN DOER-E3).
- Dinnell, S., 1997. Personal communication and provision of electronic data.
- Ditty, J.G., 1986. Ichthyoplankton in neretic waters of the northern Gulf of Mexico off Louisiana: Composition, relative abundance, and seasonality. *Fishery Bulletin*, 84(4): 935-946.
- Ditty, J.G., G.G. Zieske, and R.F. Shaw, 1988. Seasonality and depth distribution of larval fishes in the northern Gulf of Mexico above 26°00'N. *Fishery Bulletin*, 86: 811-823.
- Dodd, C.K., Jr., 1988. Synopsis of the Biological Data on the Loggerhead Sea Turtle *Caretta caretta* (Linnaeus 1758). U.S. Fish and Wildlife Service Biological Report 88(4), 110 pp.
- Douglass, S.L., D.T. Resio, and E.B. Hands, 1995. Impact of Near-Bottom Currents on Dredged Material Mounds Near Mobile Bay. Technical Report DRP-95-6, U.S. Army Engineers Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS.
- Doyle, L.J. and T.N. Sparks, 1980. Sediments of the Mississippi, Alabama, and Florida (MAFLA) Continental Shelf. *Journal of Sedimentary Petrology*, 50(3): 905-915.
- Early, G., 1998. Comment on Boyd and Stanfield (1998) paper, posted on Marine Mammals Research and Conservation Discussion (MARMAM@UVVM.UVIC.CA) listserv, 2 November 1998. Greg Early, Edgerton Research Laboratory, New England Aquarium, Central Wharf, Boston, MA. gearly@neaq.org.
- Ebersole, B.A. and R.A. Dalrymple, 1979. A Numerical Model for Nearshore Circulation Including Convective Acceleration and Lateral Mixing. Ocean Engineering Report No. 21, Department of Civil Engineering, University of Delaware, Newark, DE.
- Ebersole, B.A. and R.A. Dalrymple, 1980. Numerical Modeling of Nearshore Circulation. *Proceedings of the 17th Coastal Engineering Conference*, Sydney, pp. 2,710-2,725.
- Eckert, K.L., 1995. Leatherback Sea Turtle, *Dermochelys coriacea*. In: P.T. Plotkin (ed.), *National Marine Fisheries Service and U. S. Fish and Wildlife Service Status Reviews for Sea Turtles Listed under the Endangered Species Act of 1973*, Silver Spring, MD.
- Eckert, S.A., D.W. Nellis, K.L. Eckert, and G.L. Kooyman, 1986. Diving patterns of two leatherback sea turtles (*Dermochelys coriacea*) during interesting intervals at Sandy Point, St. Croix, U.S. Virgin Islands. *Herpetologica*, 42(3): 381-388.
- Edmiston, H.L., 1979. The Zooplankton of the Apalachicola Bay system. M.S. thesis, Florida State University, Tallahassee, FL., 104 pp.

- Ehrhart, L.M., 1977. Cold water stunning of marine turtles in Florida east coast lagoons: Rescue measures, population characteristics and evidence of winter dormancy. Paper presented at the 1977 American Society of Ichthyologists and Herpetologists Meeting, Gainesville, FL. (as cited in Fritts et al., 1983).
- Ellis, M.Y., 1978. Coastal Mapping Handbook. U.S. Department of the Interior, Geological Survey, U.S. Department of Commerce, National Ocean Service, U.S. Government Printing Office, Washington, D.C., 199 pp.
- Exxon Company, U.S.A., 1986. Production of Hydrocarbon Resources From Offshore State Leases in Mobile and Baldwin Counties, Alabama. An Environmental Information Document Submitted in Support of Applications for Permits from the U.S. Army Corps of Engineers, Mobile District, Mobile, AL.
- Fauchald, K. and P. Jumars, 1979. The diet of worms: A study of polychaete feeding guilds. *Oceanography and Marine Biology Annual Review*, 17: 193-284.
- Fischer, W. (ed.), 1978. FAO Species Identification Sheets for Fishery Purposes, Western Central Atlantic (Fishing Area 31), Volume VI.
- Frazier, N.B., 1995. Loggerhead Sea Turtle, *Caretta caretta*. In: P.T. Plotkin (ed.), National Marine Fisheries Service and U. S. Fish and Wildlife Service Status Reviews for Sea Turtles Listed Under the Endangered Species Act of 1973, Silver Spring, MD.
- Fredsoe, J. and R. Deigaard, 1992. Mechanics of Coastal Sediment Transport. World Scientific, New Jersey, 392 pp.
- Fritts, T.H., A.B. Irvine, R.D. Jennings, L.A. Collum, W. Hoffman, and M.A. McGehee, 1983. Turtles, Birds, and Mammals in the Northern Gulf of Mexico and Nearby Atlantic Waters. U.S. Fish and Wildlife Service, Office of Biological Services, Washington, DC, FWS/OBS-82/65, 455 pp.
- Fuller, D.A., A.M. Tappan, and M.C. Hester, 1987. Sea turtles in Louisiana's coastal waters. Louisiana Sea Grant College.
- Gales, R.S., 1982. Effects of Noise of Offshore Oil and Gas Operations on Marine Mammals -- An Introductory Assessment. Technical Report 844, Naval Ocean Systems Center, San Diego, CA.
- Garcia, A. W., 1977. Dauphin Island Littoral Transport Calculations. U.S. Army Engineer Waterways Experiment Station, Hydraulics Laboratory, Vicksburg, MS, Miscellaneous Paper H-77-11, 12 pp.
- Gelfenbaum, G., 1994. U.S.G.S Coastal Studies in the Northeast Gulf of Mexico. Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop, April 5-7, 1994. U.S. Department of the Interior, Minerals Management Service OCS Study 94-0044.
- Gelfenbaum, G. and R.P Stumpf, 1993. Observations of currents and density structure across a buoyant plume front. *Estuaries*, 16(1): 40-52.
- Gilbert, R.O., 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold, New York, NY. 320 pp.
- Goldberg, W.M., 1989. Biological Effects of Beach Nourishment in South Florida: The Good, the Bad, and the Ugly. Proceedings of Beach Preservation Technology, 1988, Shore and Beach Preservation Association, Tallahassee, FL.
- Govoni, J.J. and C.B. Grimes, 1992. The surface accumulation of larval fishes by hydrodynamic convergence within the Mississippi River plume front. *Continental Shelf Research*, 12(11): 1,265-1,276.

- Govoni, J.J., D.E. Hoss, and D.R. Colby, 1989. The spatial distribution of larval fishes about the Mississippi River plume. *Limnology and Oceanography*, 34: 178-187.
- Grant, U.S., 1943. Waves as a transporting agent. *American Journal of Science*, 241: 117-123.
- Grant, W.D. and O.S. Madsen, 1978. Bottom Friction Under Waves in the Presence of a Weak Current. NOAA Tech Rep. ERL-MESA-29, 150 pp.
- Grant, W.D. and O.S. Madsen, 1979. Combined wave and current interaction with a rough bottom. *Journal of Geophysical Research*, 84 (C4): 1,797-1,808.
- Grassle, J.F. and J.P. Grassle, 1974. Opportunistic life histories and genetic systems in marine benthic polychaetes. *Journal of Marine Research*, 32: 253-284.
- Gray, J.S., 1974. Animal-sediment relationships. *Oceanography and Marine Biology Annual Review*, 12: 223-261.
- Greenberg, M.D., 1988. *Advanced Engineering Mathematics*. Prentice Hall, Inc., Englewood Cliffs, New Jersey.
- Grimes, C.B. and J.H. Finucane, 1991. Spatial distribution and abundance of larval and juvenile fish, chlorophyll and macrozooplankton around the Mississippi River discharge plume, and the role of the plume in fish recruitment. *Marine Ecology Progress Series*, 75: 109-119.
- Grober, L.E., 1992. *The Ecological Effects of Beach Replenishment*. M.S. thesis, Duke University, School of the Environment, North Carolina, 109 pp.
- Gulf of Mexico Fishery Management Council, 1998. *Generic Amendment for Addressing Essential Fish Habitat Requirements in the Following Fishery Management Plans of the Gulf of Mexico: Shrimp Fishery of the Gulf of Mexico, United States Waters, Red Drum Fishery of the Gulf of Mexico, Reef Fishery of the Gulf of Mexico, Coastal Migratory Resources (Mackerels) in the Gulf of Mexico and South Atlantic, Stone Crab Fishery of the Gulf of Mexico, Spiny Lobster Fishery of the Gulf of Mexico and South Atlantic, and Coral and Coral Reefs of the Gulf of Mexico*. Gulf of Mexico Fishery Management Council, Tampa, Florida, 238 pp. +app.
- Hall, S.J., 1994. Physical disturbance and marine benthic communities: Life in unconsolidated sediments. *Oceanography and Marine Biology Annual Review*, 32: 179-239.
- Hallermeier, R.J., 1981. A profile zonation for seasonal sand beaches from wave climate. *Coastal Engineering*, 4: 253-277.
- Hammer, R.M., 1981. Day-night differences in the emergence of demersal zooplankton from a sand substrate in a kelp forest. *Marine Biology*, 62: 275-280.
- Hammer, R.M. and R.C. Zimmerman, 1979. Species of demersal zooplankton inhabiting a kelp forest ecosystem off Santa Catalina Island, California. *Bulletin of the Southern California Academy of Sciences*, 78(3): 199-206.
- Hammer, R.M., B.J. Balcom, M.J. Cruickshank, and C.L. Morgan, 1993. *Synthesis and Analysis of Existing Information Regarding Environmental Effects of Marine Mining*. Final Report by Continental Shelf Associates, Inc. for the U.S. Department of the Interior, Minerals Management Service, Office of International Activities and Marine Minerals, Herndon, VA, OCS Study MMS 93-0006, 392 pp.
- Hands, E.B., 1994. Shoreward Movement and Other 5-yr Changes at the Sand Island Berms, Alabama. In: *Proceeding of the 15th Western Dredging Association Conference*, College Station, TX, pp. 223-235.
- Hansen, L.J. and R.A. Blaylock, 1994. *South Atlantic Regional Draft Stock Assessment Reports*.

- Hansen, L.J., K.D. Mullin, T.A. Jefferson, and G.P. Scott, 1996. Visual Surveys Aboard Ships and Aircraft. In: R.W. Davis and G.S. Fargion (eds.), Distribution and Abundance of Cetaceans in the North-central and Western Gulf of Mexico, Final Report, Volume II: Technical Report. Prepared by the Texas Institute of Oceanography and the National Marine Fisheries Service for the U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region Office, New Orleans, LA. OCS Study MMS 96-0027, pp. 55-132.
- Hardin, J.D., C.D. Sapp, J.L. Emplainscourt, and K.E. Richter, 1976. Shoreline and Bathymetric Changes in the Coastal Area of Alabama: A Remote Sensing Approach. Geological Survey of Alabama Information Series 50, 125 pp.
- Harper, D.E., Jr., 1991. Macroinfauna and Macroepifauna. In: J.M. Brooks and C.P. Giamonna (eds.), Mississippi-Alabama Continental Shelf Ecosystem Study Data Summary and Synthesis, Volume II: Technical Narrative. U.S. Department of the Interior, Minerals Management Service, OCS Study MMS 91-0063.
- Harris, T.F.W., J.M. Jordan, W.R. McMurray, C.J. Verwey and F. P. Anderson, 1963. Mixing in the surf zone. International Journal of Air and Water Pollution, 7: 649-667.
- Hart, A.D., R.A. Shaul, B.A. Vittor, 1989. Environmental Monitoring in Block 132, Alabama State Waters. Summary Report for Shell Offshore, Inc., Continental Shelf Associates, Inc., Jupiter, FL. Technical Report.
- Hasselmann, K.T., Barnett, E. Bouws, H. Carlson, D. Cartwright, K. enke, J. Ewing, H. Gienapp, D. Hasselmann, P. Kruseman, A. Meerburgh, P. Muller, D. Olbers, K. Richter, W. Sell, and H. Walden, 1973. Measurement of wind-wave growth and swell decay during the joint north sea wave project (JONSWAP). Deutsches Hydrographisches Zeitschrift Reihe A (8⁰), No. 12.
- Henwood, T.A. and L.H. Ogren, 1987. Distribution and migrations of immature Kemp's ridley turtles (*Lepidochelys kempî*) and green turtles (*Chelonia mydas*) off Florida, Georgia and South Carolina. Northeast Gulf Science, 9: 153-159.
- Herbich, J.B., 1992. Handbook of Dredging Engineering. McGraw-Hill, Inc., New York, 740 pp.
- Herbich, J.B. and S.B. Brahme, 1991. Literature Review and Technical Evaluation of Sediment Resuspension During Dredging. U.S. Army Engineer Waterways Experiment Station, Hydrolics Laboratory, Vicksburg, MS. Contract Report HL-91-1.
- Hildebrand, H., 1982. A Historical Review of the Status of Sea Turtle Populations in the Western Gulf of Mexico. In: K.A. Bjorndal (ed.), Biology and Conservation of Sea Turtles. Smithsonian Institution Press, Washington, DC, pp. 447-453.
- Hirota, J., 1981. Potential effects of deep-sea minerals mining on macrozooplankton in the north equatorial Pacific. Marine Minerals, 3(1/2): 19-57.
- Hopkins, T.L., 1966. The plankton of the St. Andrew Bay system, Florida. Publ. Inst. Mar. Sci. Univ. Tex., 11: 12-64.
- Houston, J.R., 1995. Beach nourishment, coastal forum. Shore and Beach, January, 21-24.
- Hrabovsky, L., 1990. Hydraulic cutterhead pipeline dredging. In: D.D. Dickerson and D.A. Nelson (comps.), Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 56-58.
- Hu, V.J.H., 1981. Ingestion of deep-sea mining discharge by five species of tropical copepods. Water, Air, and Soil Pollution, 15: 433-440.

- Hubertz, J.M., R.M. Brooks, W.A. Brandon, and B.A. Tracy, 1993. Hindcast Wave Information for the U.S. Atlantic Coast. WIS Report 30, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Wave Information Study, Vicksburg, MS.
- Hughes, S.A., 1984. The TMA Shallow-water Spectrum Description and Applications. Technical Report, CERC-84-7, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg, MS.
- Hummell, R.L., 1990. Main Pass and the Ebb-Tidal Delta of Mobile Bay, Alabama. Geological Survey of Alabama Circular 146, 45 pp.
- Hummell, R.L., 1996. Holocene Geologic History of the West Alabama Inner Continental Shelf, Alabama. Geological Survey of Alabama Circular 189, 131 pp.
- Hummell, R.L., 1999. Telephone conversation regarding potential beach replenishment requirements for erosion hazard areas along the Alabama coast. Table of estimated sand volumes faxed to Mark Byrnes on March 31, 1999.
- Hummell, R.L. and S.J. Parker, 1995. Holocene Geologic History of Mobile Bay, Alabama. Geological Survey of Alabama Circular 186, 96 pp.
- Hummell, R.L. and W.E. Smith, 1995. Geologic and Environmental Characterization and Near-term Lease Potential of an Offshore Sand Resource Site for Use in Beach Nourishment Projects on Dauphin Island, Alabama. Final Report, Prepared by the Geological Survey of Alabama in fulfillment of U.S. Department of the Interior, Minerals Management Service Cooperative Agreement No. 14-35-0001-30725, 165 pp.
- Hummell, R.L. and W.E. Smith, 1996. Geologic Resource Delineation and Hydrographic Characterization of an Offshore Sand Resource Site for Use in Beach Nourishment Projects on Dauphin Island, Alabama. Final Report, Prepared by the Geological Survey of Alabama in cooperation with the Department of Geology, University of Alabama in fulfillment of U.S. Department of the Interior, Minerals Management Service Cooperative Agreement No. 14-35-0001-30781, 169 pp.
- Ingle, R.M., 1952. Studies on the Effect of Dredging Operations Upon Fish and Shellfish. Florida State Board of Conservation, Technical Series 5, 26 pp.
- Jefferson, T.A. and A. J. Schiro, 1997. Distribution of cetaceans in the offshore Gulf of Mexico. Mammal Review, 27(1): 27-50.
- Johnson, A.G., W.E. Fable, Jr., C.B. Grimes, L. Trent, and J.V. Perez, 1994. Evidence for distinct stocks of king mackerel, *Scomberomorus cavalla*, in the Gulf of Mexico. Fishery Bulletin, 92: 91-101.
- Johnson, R.O. and W.G. Nelson, 1985. Biological effects of dredging in an offshore borrow area. Florida Scientist, 48: 166-188.
- Johnston, D.D. and D.J. Wildish, 1982. Effect of suspended sediment on feeding by larval herring (*Clupea harengus harengus* L.). Bulletin of Environmental Contamination and Toxicology, 29: 61-67.
- Jokiel, P.L., 1989. Effects of marine mining dredge spoils on eggs and larvae of a commercially important species of fish, the Mahimahi (*Coryphaena hippurus*). Marine Minerals, 8: 305-315.
- Jones, G. and S. Candy, 1981. Effects of dredging on the macrobenthic infauna of Botany Bay. Australian Journal of Marine and Freshwater Research, 32: 379-399.
- Jonsson, I.G., 1966a. Wave boundary layers and friction factors. Proceedings of the 10th Conference on Coastal Engineering, Tokyo, ASCE, New York, NY, pp. 1: 127-148.

- Jonsson, I.G., 1980. A new approach to oscillatory rough turbulent boundary layers. *Ocean Engineering*, 7: 109-152.
- Kajiura, K., 1964. On the bottom friction in an oscillatory current. *Bulletin of Earthquake Research, Inst. Tokyo University*, 42(99): 147-174.
- Kajiura, K., 1968. A model for the bottom boundary layer in water waves. *Bulletin of Earthquake Research, Inst. Tokyo University*, 46: 75-123.
- Kamphuis, J.W., 1975. Friction under oscillatory waves. *Journal of Waterways and Harbors, Coastal Engineering Division, ASCE*, 101: 135-144.
- Kelly, F. J. and A.C. Vastano, 1994. A Census of Loop Current Related Intrusions Onto the Mississippi-Alabama Continental Slope and Shelf. *Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop, OCS MMS Study 94-0044*.
- Kerr, S.J., 1995. Silt, Turbidity and Suspended Sediments in the Aquatic Environment: An Annotated Bibliography and Literature Review. Ontario Ministry of Natural Resources, Southern Region Science and Technology Transfer Unit, Technical Report TR-008, 277 pp.
- Kinoshita, K. and M. Noble, 1995. Current Data from the Northern Gulf of Mexico. *Open File Report 95-633, U.S. Department of the Interior, U.S. Geological Survey*.
- Kirby, J.T., 1983. Propagation of weakly-nonlinear surface water waves in regions with varying depth and current. *ONR Tech. Rept. 14, Res. Rept. CE-83-37, Department of Civil Engineering University of Delaware, Newark*.
- Kirby, J.T., 1984. A note on linear surface wave-current interaction. *Journal of Geophysical Research*, 89: 745-747.
- Kirby, J.T. and H.T. Özkan, 1994. Combined refraction/diffraction model for spectral wave conditions, REF/DIF S. v. 1.1, no. CACR-94-04, Center for Applied Coastal Research, Newark, DE.
- Kirby, J.T. and R.A. Dalrymple, 1983a. A parabolic equation for the combined refraction-diffraction of stokes waves by mildly varying topography. *Journal of Fluid Mechanics* 136: 543-566.
- Kirby, J.T. and R.A. Dalrymple, 1983b. The propagation of weakly nonlinear waves in the presence of varying depth and currents. *Proceedings of the 20th Congress I.A.H.R., Moscow*.
- Kirby, J.T. and R.A. Dalrymple, 1984. Verification of a parabolic equation for propagation of weakly non-linear waves. *Coastal Engineering*, 8: 219-232.
- Kirk, K. L., 1992. Effects of suspended clay on *Daphnia* body growth and fitness. *Freshwater Biology*, 28: 102-109.
- Kjerfve, B. and J.E. Sneed, 1984. Analysis and Synthesis of Oceanographic Conditions in the Mississippi Sound Offshore Region. Final Report, Volume 1. U.S. Army Corps of Engineers, Mobile District, Mobile, AL, Contract No. DCW01-83-R-0014, 253 pp.
- Klima, E.F. and D.A. Wickham, 1971. Attraction of coastal pelagic fishes with artificial structures. *Transactions of the American Fisheries Society* , 100(1): 86-99.
- Knight, D.W., 1978. Review of oscillatory boundary layer flow. *Journal of the Hydraulics Division, ASCE*, 104(HY6): 839-855.
- Komar, P.D. and D.L. Inman, 1970. Longshore sand transport on beaches. *Journal of Geophysical Research*, 75(30): 5,914-5,927.

- Kraus, N.C. and M. Larson, 1991. NMLONG: Numerical Model for Simulating the Longshore Current; Report 1, Model Development and Tests. Technical Report DRP-91-1, U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS, 166 pp.
- Kraus, N.C. and T.O. Sasaki, 1979. Influence of wave angle and lateral mixing on the longshore current. *Marine Science Communications*, 5(2): 91-126.
- Larson, K.W. and C.E. Moehl, 1988. Entrainment of Anadromous Fish by Hopper Dredge at the Mouth of the Columbia River. In: C.A. Simenstad (ed.), *Effects of Dredging on Anadromous Pacific Coast Fishes*, Workshop Proceedings, University of Washington Sea Grant, pp. 102-112.
- Larson, M. and N.C. Kraus, 1995. Prediction of Cross-shore Sediment Transport at Different Spatial and Temporal Scales. In: J.H. List and J.H.J. Terwindt (eds.), *Large-Scale Coastal Behavior*, *Marine Geology Special Issue*, 126(1/4): 111-128.
- LaSalle, M.W., D.G. Clarke, J. Homziak, J.D. Lunz, and T.J. Fredette, 1991. A Framework for Assessing the Need for Seasonal Restrictions on Dredging and Disposal Operations. Technical Report D-91-1, U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS, 74 pp.
- Lefebvre, L.W., T.J. O'Shea, G.B. Rathbun, and R.C. Best, 1989. Distribution, Status, and Biogeography of the West Indian Manatee. In: C.A. Woods, (ed.), *Biogeography of the West Indies*, Sandhill Crane Press, Gainesville, FL, pp. 567-610.
- Leis, J.L., 1991. The Pelagic Stage of Reef Fishes: The Larval Biology of Coral Reef Fishes. In: P.F. Sale (ed.), *The Ecology of Fishes on Coral Reefs*, Academic Press, New York, NY, pp. 183-230.
- Lenhardt, M.L., 1994. Seismic and Very Low Frequency Sound Induced Behaviors in Captive Loggerhead Marine Turtles (*Caretta caretta*). In: K.A. Bjorndal, A.B. Bolten, D.A. Johnson, and P.J. Eliazar (comps.), *Proceedings of the Fourteenth Annual Symposium on Sea Turtle Biology and Conservation*, Hilton Head, SC. U.S. Department of Commerce, National Oceanic and Oceanographic Administration, National Marine Fisheries Service, Southeast Fisheries Science Center, Miami, FL.
- Lewis, J.K. and R.O. Reid, 1985. Local wind forcing of a coastal sea at subinertial frequencies. *Journal of Geophysical Research*, 90: 934-944.
- Lipka, D.A., 1975. The Systematics and Zoogeography of Cephalopods from the Gulf of Mexico. Ph.D. dissertation, Texas A&M University, Department of Oceanography, College Station, TX, 351 pp.
- Lohofener, R., W. Hoggard, K. Mullin, C. Roden, and C. Rogers, 1990. Association of Sea Turtles with Petroleum Platforms in the North-central Gulf of Mexico. U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA, OCS Study MMS 90-0025, 90 pp.
- Longuet-Higgins, M.S., 1970. Longshore currents generated by obliquely incident sea waves, parts 1 and 2. *Journal of Geophysical Research*, 75(33): 6,778-6,801.
- Loosanoff, V.L., 1962. Effects of turbidity on some larval and adult bivalves. *Proceedings of the 14th Annual Session*, Gulf and Caribbean Fisheries Institute, pp. 80-95.
- Lowery, G.H., 1974. *The Mammals of Louisiana and Its Adjacent Waters*. Louisiana State University Press, Baton Rouge, LA, 565 pp.

- Lozano, C.J. and P.L.F. Liu, 1980. Refraction-diffraction model for linear surface water waves. *Journal of Fluid Mechanics*, 101(4): 705-720.
- Ludwick, J.C., 1964. Sediments in Northeastern Gulf of Mexico. In: R.L. Miller (ed.), *Papers in Marine Geology*, Macmillan Co., New York, NY, pp. 204-238.
- Lundgren, H., 1972. Turbulent currents in the presence of waves. *Proceedings of the 13th Coastal Engineering Conference*, Vancouver, B.C., (1): 623-634, ASCE, New York, NY.
- Lutcavage, M. and J.A. Musick, 1985. Aspects of the biology of sea turtles in Virginia. *Copeia*, 1985(2): 449-456.
- Lutz, P., 1990. Sea Turtle Hibernation in the Cape Canaveral Ship Channel. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 64-65.
- MacArthur, R.H., 1960. On the relative abundance of species. *American Naturalist*, 94: 25-36.
- MacArthur, R.H. and E.O. Wilson, 1967. *Theory of Island Biogeography*. Princeton University Press, Princeton, New Jersey, 203 pp.
- Madsen, O.S. and W.D. Grant, 1976. *Sediment Transport in the Coastal Environment*. Report No. 209, MIT, Department of Civil Engineering, Cambridge, MA, 105 pp.
- Madsen, O.S. and W.D. Grant, 1977. Quantitative description of sediment transport by waves. *Proceedings 15th International Coastal Engineering Conference*, ASCE, New York, NY, pp. 1,093-1,112.
- Malme, C.I., P.R. Miles, C.W. Clark, P. Tyack, and J.E. Bird, 1983. *Investigations of the Potential Effects of Underwater Noise from Petroleum Industry Activities on Migrating Gray Whale Behavior*. Report by Bolt, Beranek and Newman, Inc., Cambridge, MA, for the U.S. Department of the Interior, Minerals Management Service, Anchorage, AK. BBN Rep. 5366.
- Marine Mammal Commission, 1986. *Habitat Protection Needs for the Subpopulation of West Indian Manatees in the Crystal River Area of Northwest Florida*. National Technical Information Service, Silver Spring, MD, PB86-200 250, 46 pp.
- Marley, R.D., 1983. Spatial distribution patterns of planktonic fish eggs in lower Mobile Bay, Alabama. *Transactions of the American Fisheries Society*, 112: 257-266.
- Marquez, R.M., 1990. *Sea Turtles of the World*. FAO Species Catalogue, Volume 11. FAO, Rome. 81 pp.
- Marsh, G.A. and D.B. Turbeville, 1981. The environmental impact of beach nourishment: Two studies in southeastern Florida. *Shore and Beach*, 1981: 40-44.
- Maurer, D., R.T. Keck, J.C. Tinsman, W.A. Leathem, C. Wethe, C. Lord, and T.M. Church, 1986. Vertical migration and mortality of marine benthos in dredged material: A synthesis. *Internationale Revue der gesamten Hydrobiologie*, 71: 49-63.
- McBride, R.A., 1997. *Synthesis of Hard Mineral Resources of the Florida Panhandle Shelf: Spatial Distribution and Subsurface Evaluation*. Final Report, U.S. Department of the Interior, Minerals Management Service, Contract No. 1435-01-96-CT-30812, 5 p. + 727 p. appendix.
- McBride, R.A. and M.R. Byrnes, 1995. Surficial sediments and morphology of the Southwestern Alabama/Western Florida panhandle coast and shelf. *Gulf Coast Association of Geological Societies Transactions*, 45: 393-404.

- McBride, R.A., M.R. Byrnes, S. Penland, D.L. Pope, and J.L. Kindinger, 1991. Geomorphic History, Geologic Framework, and Hard Mineral Resources of the Petit Bois Pass Area, Mississippi-Alabama. In: Coastal Depositional Systems in the Gulf of Mexico: Quaternary Framework and Environmental Issues, GCS-SEPM 12th Annual Research Conference, pp. 116-127.
- McCaully, J.E., R.A. Parr, and D.R. Hancock, 1977. Benthic infauna and maintenance dredging: A case study. *Water Research*, 11: 233-242.
- McGehee D., J.P. McKinney, W.E. Grogg, and E.B. Hands, 1994. Monitoring of Waves and Currents at the Dredged Material Mounds Offshore of Mobile Bay, Alabama. Technical Report DRP-94-4, U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS.
- McGraw, K.A. and D.A. Armstrong, 1988. Fish Entrainment by Dredges in Grays Harbor, Washington. In: C.A. Simenstad (ed.), Effects of Dredging on Anadromous Pacific coast Fishes, Workshop Proceedings, University of Washington Sea Grant, pp. 113-131.
- McIlwain, T., 1968. Seasonal occurrence of pelagic Copepoda in Mississippi Sound. *Gulf Research Report*, 2(3): 257-270.
- McLelland, J.A., 1984. Observations on chaetognath distributions in the northeastern Gulf of Mexico during the summer of 1974. *Northeast Gulf Science*, 7(1): 49-59.
- McLelland, J.A., 1989. An illustrated key to the Chaetognatha of the northern Gulf of Mexico with notes on their distribution. *Gulf Research Report*, 8(2): 145-172.
- McNulty, J.K., R.C. Work, and H.B. Moore, 1962. Some relationships between the infauna of the level bottom and the sediment in South Florida. *Bulletin of Marine Science in the Gulf and Caribbean*, 12: 322-332.
- Meyer, G.H. and J.S. Franks, 1996. Food of cobia, *Rachycentron canadum*, from the northeastern Gulf of Mexico. *Gulf Research Report*, 9(3): 161-168.
- Meylan, A., 1992. Hawksbill Turtle *Eretmochelys imbricata*. In: P. Moler (ed.), Rare and Endangered Biota of Florida, University Press of Florida, Gainesville, FL, pp. 95-99.
- Miller, M.L., 1993. The rise of coastal marine tourism. *Ocean and Coastal Management*, 20: 181-199.
- Minerals Management Service, 1997. Gulf of Mexico OCS Oil and Gas Lease Sales 169, 172, 175, 178, and 182, Central Planning Area: Final Environmental Impact Statement. OCS EIS/EA MMS 97-0033, U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA.
- Modlin, R.F., 1982. Contributions to the ecology of the mysid crustaceans in the shallow waters of Dauphin Island, Alabama. *Northeast Gulf Science*, 5(2): 45-49.
- Moore, P.G., 1977. Inorganic particulate suspensions in the sea and their effects on marine animals. *Oceanography of Marine Biology Annual Review*, 15: 225-363.
- Morgan, R.P., V.J. Rasin, Jr., and L.A. Noe, 1983. Sediment effects on eggs and larvae of striped bass and white perch. *Transactions of the American Fisheries Society*, 112: 220-224.
- Morisawa, M., 1968. Streams, Their Dynamics and Morphology. McGraw-Hill, New York, NY. 175 pp.
- Mortimer, J.A., 1982. Feeding Ecology of Sea Turtles. In: K.A. Bjorndal (ed.), Biology and Conservation of Sea Turtles, Smithsonian Institution Press, Washington, DC, pp. 103-109.

- Mullin, K. and W. Hoggard, 1998. Aerial Surveys of Marine Mammals and Sea Turtles from Ships and Aircraft. In: R. Davis, W. Evans, M. Horning, S. Lynn, and P. Canton (eds.), Distribution and Abundance of Cetaceans in the Northern Gulf of Mexico, Interim Report No. 2. Prepared by the Texas Institute of Oceanography and the National Marine Fisheries Service, U.S. Geological Survey, Biological Resources Division. USGS/BRD/CR-1998-001, 259 pp.
- Murawski, W.S., 1969. A Study of Submerged Dredge Holes in New Jersey Estuaries With Respect to Their Fitness as Finfish Habitat. New Jersey Department of Conservation and Economic Development, Division of Fish and Game, Miscellaneous Report No. 2M, 32 pp.
- Murray, S.P., 1970. Bottom currents near the coast during hurricane Camille. Journal of Geophysical Research, 75(24): 4579-4582.
- Naqvi, S. and E. Pullen, 1982. Effects of Beach Nourishment and Borrowing on Marine Organisms. U.S. Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA, Miscellaneous Report No. 82-14.
- National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1991. Recovery Plan for U.S. Population of Atlantic Green Turtle. National Marine Fisheries Service, Washington, DC, 52 pp.
- National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1992. Recovery Plan for the Kemp's Ridley Sea Turtle (*Lepidochelys kempii*). National Marine Fisheries Service, St. Petersburg, FL, 40 pp.
- National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1993. Recovery Plan for Hawksbill Turtles in the U.S. Caribbean Sea, Atlantic Ocean, and Gulf of Mexico. National Marine Fisheries Service, St. Petersburg, FL, 47 pp.
- National Marine Fisheries Service, 1990. Recovery Plan for U.S. Population of Loggerhead Turtle. National Marine Fisheries Service, St. Petersburg, FL.
- National Marine Fisheries Service, 1997. Regional Biological Opinion for Hopper Dredging of Channels and Beach Nourishment Activities in the Southeastern United States from North Carolina Through Florida East Coast. October 1997.
- National Marine Fisheries Service, 1998. Office of Protected Resources website, information on pinnipeds (seals and sea lions), URL: <http://www.nmfs.gov/tmcintyr/pinniped/pinniped.html>
- National Research Council, 1990. Decline of the Sea Turtles: Causes and Prevention. National Academy Press, Washington, DC, 259 pp.
- National Research Council, 1995. Beach Nourishment and Protection. National Academy Press, 334 pp.
- Nelson, W.G., 1985. Physical and Biological Guidelines for Beach Restoration Projects, Part 1, Biological Guidelines. Florida Sea Grant College Program, Report No. 76.
- Newell, R.C., L.J. Seiderer, and D.R. Hitchcock, 1998. The impact of dredging works in coastal waters: A review of the sensitivity to disturbance and subsequent recovery of biological resources on the seabed. Oceanography and Marine Biology Annual Review, 36: 127-178.
- Nival, P. and S. Nival, 1976. Particle retention efficiencies of an herbivorous copepod, *Acartia clausi* (adult and copepodite stages): Effects of grazing. Limnology and Oceanography, 21(1): 24-38.
- 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.

- Oakwood Environmental Ltd., 1999. Strategic Cumulative Effects of Marine Aggregates Dredging (SCEMAD). Prepared for the U.S. Department of the Interior, Minerals Management Service, 175 pp.
- Odum, E.P., 1969. The strategies of ecosystem development. *Science*, 16: 262-270.
- Oliver, J.S., P.N. Slattery, L.W. Hulberg, and J.N. Nybakken, 1977. Patterns of Succession in Benthic Infaunal Communities Following Dredging and Dredged Material Disposal in Monterey Bay. Technical Report D-77-27, U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS.
- Otvos, E.G., 1979. Barrier Island Evolution and History of Migration, North-central Gulf Coast. In: S.P. Leathermen (ed.), *Barrier Islands*, Academic Press, New York, NY, pp. 291-319.
- Oviatt, C.A., C.D. Hunt, G.A. Vargo, and K.W. Kopchynski, 1982. Simulation of a storm event in a marine microcosm. *Journal of Marine Research*, 39: 605-618.
- Paffenhofer, G.A., 1972. The effects of "red mud" on mortality, body weight, and growth of marine planktonic copepod, *Calanus helgolandicus*. *Water, Air, and Soil Pollution*, 1: 314-321.
- Palermo, M.R., 1990. Workgroup 2 Summary. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL, U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS. Miscellaneous Paper EL-90-5, pp. 76-80.
- Parker, R.H., 1960. Ecology and Distributional Patterns of Marine Macroinvertebrates, Northern Gulf of Mexico. In: F.P. Shephard (ed.), *Recent Sediments, Northwest Gulf of Mexico*, American Association Petroleum Geologists, Tulsa, OK, pp. 302-337.
- Parker, S.J., 1990. Assessment of Nonhydrocarbon Mineral Resources in the Exclusive Economic Zone Offshore Alabama. Geological Survey of Alabama Circular 147, 73 pp.
- Parker, S.J., A.W. Shultz, and W.W. Schroeder, 1992. Sediment Characteristics and Seafloor Topography of a Palimset Shelf, Mississippi-Alabama Continental Shelf. In: *Quaternary Coasts of the United States: Lacustrine and Marine Systems*. SEPM Special Publication 48, pp. 243-251.
- Parker, S.J., D.J. Davies, and W.E. Smith, 1997. Geologic, Economic, and Environmental Characterization of Selected Near-term Leasable Offshore Sand Deposits and Competing Onshore Sources for Beach Nourishment. Geological Survey of Alabama, Environmental Geology Division, Tuscaloosa, AL. Circular 190, 173 pp. + app.
- Parker, S.J., D.J. Davies, W.E. Smith, T.G. Crawford, and R. Kelly, 1993. Geological, Economic, and Environmental Characterization of Selected Near-term Leasable Offshore Sand Deposits and Competing Onshore Sources for Beach Nourishment. Final Report. Prepared by the Geological Survey of Alabama in fulfillment of U.S. Department of the Interior, Minerals Management Service Cooperative Agreement No. 14-35-0001-30630, 223 pp.
- Peddicord, R.K. and V.A. McFarland, 1978. Effects of suspended dredged material on aquatic animals. U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS, Technical Report D-78-29, 102 pp. + app.
- Perrin W.F., E.D. Mitchell, J.G. Mead, D.K. Caldwell, M.C. Caldwell, P.J.H. van Bree, and W.H. Dawbin, 1987. Revision of the spotted dolphins, *Stenella* spp. *Marine Mammal Science*, 3(2): 99-170.
- Perrin, W.F., D.K. Caldwell, and M.C. Caldwell, 1994. Atlantic Spotted Dolphin, *Stenella frontalis* (G. Cuvier, 1829), pp. 173-190. In: S.H. Ridgway and R. Harrison (eds.), *Handbook of Marine Mammals*, Volume 5, *The First Book of Dolphins*, Academic Press, London, 416 pp.

- Perry, H.M., C.K. Eleuterius, C.B. Trigg, and J.R. Warren, 1995. Settlement patterns of *Callinectes sapidus* megalope in Mississippi Sound: 1991, 1992. *Bulletin of Marine Science*, 57(3): 821-833.
- Peterson, C.G.J., 1913. Valuation of the Sea. II. The Animal Communities of the Sea-Bottom and Their Importance for Marine Zoogeography. Report of the Danish Biological Station to the Board of Agriculture, 21: 1-44.
- Phillips, P.J., W.D. Burke, and E.J. Keener, 1969. Observations on the trophic significance of jellyfishes in Mississippi Sound with quantitative data on the associative behavior of small fishes with medusae. *Transactions of the American Fisheries Society*, 98(4): 703-712.
- Pianka, E.R., 1970. On r- and K-selection. *American Naturalist*, 104: 592-597.
- Pielou, E.C., 1966. Species-diversity and pattern-diversity in the study of ecological succession. *Journal of Theoretical Biology*, 10: 370-383.
- Poiner, I.R. and R. Kennedy, 1984. Complex pattern of change in the macrobenthos of a large sandbank following dredging. I. Community analysis. *Marine Biology*, 78: 335-352.
- Powell, J.A. and G.B. Rathbun, 1984. Distribution and abundance of manatees along the northern coast of the Gulf of Mexico. *Northeast Gulf Science*, 7: 1-28.
- Pritchard, P.C.H., 1989. Evolutionary Relationships, Osteology, Morphology and Zoogeography of Kemp's Ridley Sea Turtle. In: Proceedings of the Second Western Atlantic Turtle Symposium, U.S. Department of Commerce, Panama City, FL, NOAA Tech. Mem. NMFS-SEFC-226, pp. 17-32.
- Rabalais, N.N., F.R. Burditt, Jr., L.D. Coen, B.E. Cole, C. Eleuteris, K.L. Heck, Jr., T.A. McTigue, S.G. Morgan, H.M. Perry, F.M. Truesdale, R.K. Zimmer-Faust, and R.J. Zimmerman, 1995. Settlement of *Callinectes sapidus* megalopae on artificial collectors in four Gulf of Mexico estuaries. *Bulletin of Marine Science*, 57(3): 855-876.
- Radder, A.C., 1979. On the parabolic equation method for water-wave propagation. *Journal of Fluid Mechanics*, 95: 159-176.
- Ramsey, J.S., 1991. A Study of Wave-Induced Currents Behind Shore Parallel Breakwaters. M.C.E. Thesis, Dept. of Civil Engineering, University of Delaware, Newark, DE, 101 pp.
- Raudkivi, A.J., 1990. Loose Boundary Hydraulics. 3rd Edition, Pergamon Press, Oxford.
- Reeve, M.R. and M.A. Walter, 1978. Nutritional ecology of ctenophores - a review of recent research. *Advances in Marine Biology*, 15: 249-287.
- Reid, R.O., 1994. Preliminary Results of LATEX Relevant to the Proposed Study. Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop, U.S. Department of the Interior, Minerals Management Service OCS Study 94-0044.
- Reine, K.J. and D.G. Clark, 1998. Entrainment by Hydraulic Dredges – A Review of Potential Impacts. U. S. Army Engineer Waterways Experiment Station, Research and Development Center, Vicksburg, MS, DOER Tech. Notes Collection (TN DOER-E1).
- Reine, K.J., D.D. Dickerson, and D.G. Clarke, 1998. Environmental Windows Associated with Dredging Operations. U. S. Army Engineer Waterways Experiment Station, Research and Development Center, Vicksburg, MS, DOER Tech. Notes Collection (TN DOER-E2).
- Renaud, M., 1993. Satellite Tracking of Juvenile Kemp's Ridley Sea Turtles Near Sabine Pass, Texas. In: B.A. Schroeder and B.E. Witherington (comps.), Proceedings of the Thirteenth Annual Symposium on Sea Turtle Biology and Conservation, U.S. Department of Commerce, Miami, FL. NOAA Tech. Mem. NMFS-SEFC-341, p. 147.

- Resio, D.T., and B.A. Tracy, 1983. A Numerical Model for Wind-Wave Prediction in Deepwater. WIS Report 12, U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Wave Information Study, Vicksburg, MS.
- Rhoads, D.C., 1974. Organism-sediment relations on the muddy seafloor. *Oceanograph. Marine Biology Annual Review*, 12: 263-300.
- Rhoads, D.C. and J.D. Germano, 1982. Characterization of organism-sediment relations using sediment profile imaging: An efficient method of remote ecological monitoring of the seafloor (REMOTS™ System). *Marine Ecology Progress Series*, 8: 115-128.
- Rhoads, D.C. and J.D. Germano, 1986. Interpreting long-term changes in benthic community structure: a new protocol. *Hydrobiologia*, 142: 291-308.
- Rhoads, D.C. and L.F. Boyer, 1982. The Effects of Marine Benthos on Physical Properties of Sediments: A Successional Perspective. In: P.L. McCall and M.J.S. Tevesz (eds.), *Animal-Sediment Relations, The Biogenic Alteration of Sediments*, Plenum Press, New York, NY, pp. 3-52.
- Rhoads, D.C., P.L. McCall, and J.Y. Yingst, 1978. Disturbance and production on the estuarine seafloor. *American Science*, 66: 577-586.
- Richardson, J.I., 1990. The Sea Turtles of the King's Bay Area and the Endangered Species Observer Program Associated with Construction Dredging of the St. Marys Entrance Ship Channel. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 32-46.
- Richardson, W.J., C.R. Greene, Jr., C.I. Malme, and D.H. Thomson, 1995. *Marine Mammals and Noise*. Academic Press, San Diego. 576 pp.
- Ridgway, S.H., E.G. Wever, J.G. McCormick, J. Palin, and J.H. Anderson, 1969. Hearing in the giant sea turtle, *Chelonia mydas*. *Proceedings of the National Academy of Sciences*, 64(3): 884-890.
- Robins, C.R., 1957. Effects of storms on the shallow-water fish fauna of southern Florida with records of fishes from Florida. *Bulletin of Marine Science in the Gulf and Caribbean*, 7(3): 266-275.
- Rogers, B.D., R.F. Shaw, W.H. Herke, and R.H. Blanchet, 1993. Recruitment of postlarval and juvenile brown shrimp (*Penaeus aztecus* Ives) from offshore to estuarine waters of the northwestern Gulf of Mexico. *Estuarine, Coastal and Shelf Science*, 36: 377-394.
- Rogers, R.M., 1977. Trophic Interrelationships of Selected Fishes on the Continental Shelf of the Northern Gulf of Mexico. Ph.D. dissertation, Texas A&M University, College Station, TX, 244 pp.
- Rosati, J.D. and N.C. Kraus, 1991. Practical Considerations in Longshore Transport Calculations. CETN II-24, U.S. Army Engineer Waterways Experiment Station, Coastal and Hydraulics Laboratory, Vicksburg, MS, 6 pp.
- <http://bigfoot.wes.army.mil/cetn.index.html#part2>.
- Rosenthal, H.S., 1971. Effects of "red mud" on embryos and larvae of the herring *Clupea harengus*. *Helgolander Wiss. Meeresuntersuchungen*, 22: 366-376.

- Rosman, I., G.S. Boland, L. Martin, and C. Chandler, 1987. Underwater Sightings of Sea Turtles in the Northern Gulf of Mexico. U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA, OCS Study MMS 87-0107, 37 pp.
- Rudloe, A., J. Rudloe, and L. Ogren, 1991. Occurrence of immature Kemp's ridley turtles, *Lepidochelys kempi*, in coastal waters of northwest Florida. *Northeast Gulf Science*, 12(1): 49-53.
- Saloman, C.H., 1974. Physical, Chemical, and Biological Characteristics of Nearshore Zone of Sand Key, Florida, Prior to Beach Restoration. National Marine Fisheries Service, Gulf Coastal Fisheries Center, Panama City Laboratory, Panama City, FL.
- Saloman, C.H. and S.P. Naughton, 1983a. Food of King Mackerel, *Scomberomorus cavalla*, From the Southeastern United States Including the Gulf of Mexico. NOAA Tech. Mem. NMFS-SEFC-126, 25 pp.
- Saloman, C.H. and S.P. Naughton, 1983b. Food of Spanish Mackerel, *Scomberomorus maculatus*, from the Gulf of Mexico and Southeastern Seaboard of the United States. NOAA Tech. Mem. NMFS-SEFC-128, 22 pp.
- Saloman, C.H. and S.P. Naughton, 1984a. Food of Crevalle Jack (*Caranx hippos*) from Florida, Louisiana, and Texas. NOAA Tech. Mem. NMFS-SEFC-134, 34 pp.
- Saloman, C.H. and S.P. Naughton, 1984b. Food of Bluefish (*Pomatomus saltatrix*) From the U.S. South Atlantic and Gulf of Mexico. NOAA Tech. Mem. NMFS-SEFC-150, 37 pp.
- Saloman, C.H., S.P. Naughton, and J.L. Taylor, 1982. Benthic Community Response to Dredging Borrow Pits, Panama City Beach, Florida. U.S. Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA, Miscellaneous Report No. 82-3, 138 pp.
- Sanders, H.L., 1958. Benthic studies of Buzzards Bay. I. Animal-sediment relationships. *Limnology and Oceanography*, 3: 245-258.
- SAS Institute Inc., 1989. SAS/STAT® User's Guide, Version 6, Fourth Edition, Volume 1. SAS Institute Inc., Cary, NC, 943 pp.
- Sawaragi, T. and I. Deguchi, 1978. Distribution of Sand Transport Rate Across a Surf Zone. Proceedings, 16th International Conference on Coastal Engineering, ASCE, pp. 1,596-1,613.
- Schmidly, D.J., 1981. Marine Mammals of the Southeastern United States Coast and the Gulf of Mexico. U.S. Department of the Interior, Fish and Wildlife Service, Office of Biological Services, Coastal Ecosystems Project, Washington, DC, FWS/OBS-80/41, 166 pp.
- Schroeder, W.W., S.P. Dinnel, F.J. Kelly, W.J. Wiseman, 1994. Overview of the Physical Oceanography of the Louisiana-Mississippi-Alabama Continental Shelf. Proceedings of the Northeast Gulf of Mexico Physical Oceanography Workshop, U.S. Department of the Interior, Minerals Management Service OCS Study 94-0044.
- Seim, H. E., B. Kjerfve, and J.E. Sneed, 1987. Tides of Mississippi Sound and the adjacent continental shelf. *Estuarine, Coastal and Shelf Science*, 25: 143-156.
- Shalowitz, A.L., 1964. Shoreline and Sea Boundaries, Volume 2. U.S. Department of Commerce Publication 10-1, U.S. Coast and Geodetic Survey, U.S. Government Printing Office, Washington, DC, 420 pp.
- Shaver, D.J., 1991. Feeding ecology of wild and headstarted Kemp's ridley sea turtles in south Texas waters. *Journal of Herpetology*, 25(3): 327-334.

- Shaw, J.K., P.G. Johnson, R.M. Ewing, C.E. Comiskey, C.C. Brandt, and T.A. Farmer, 1982. Benthic Macroinfauna Community Characterization in Mississippi Sound and Adjacent Waters. U.S. Army Corps of Engineers, Mobile District, Mobile, AL, 442 pp.
- Shaw, R.F., B.D. Rogers, J.H. Cowen, Jr., and W.H. Herke, 1988. Ocean-estuary coupling of ichthyoplankton and nekton in the northern Gulf of Mexico. *American Fisheries Society Symposium*, 3: 77-89.
- Sherk, J.A., J.M. O'Connor, and D.A. Newman, 1975. Effects of Suspended and Deposited Sediments on Estuarine Environments. In: L.F. Cronin (ed.), *Estuarine Research Volume 2*, Academic Press, New York, NY, pp. 541-558.
- Sherk, J.A., Jr., 1971. The Effects of Suspended and Deposited Sediment on Estuarine Organisms: Literature Summary and Research Needs. University of Maryland, Natural Resources Institute, Chesapeake Biological Laboratory Contribution No. 43, 73 pp.
- Sherk, J.A., Jr., 1972. Current status of the knowledge of the biological effects of suspended and deposited sediments in Chesapeake Bay. *Chesapeake Science*, 13(Suppl.): S137-S144.
- Sherk, J.A., Jr. and L.E. Cronin, 1970. The Effects of Suspended and Deposited Sediments on Estuarine Organisms, An Annotated Bibliography of Selected References. University of Maryland, Chesapeake Biological Laboratory, Natural Resources Institute. Reference No. 70-19, 62 pp.
- Shields, I.A., 1936. Application of similarity principles and turbulence research to bed-load movement (in German). *Mitteilunden der Preoss. Versuchsanst. Fur Wasserbau and Schiffbau*, Berlin, No. 26.
- Shipp, R.L., 1987. Temporal Distribution of Finfish Eggs and Larvae Around Mobile Bay. In: T.A. Lowery (ed.), *Symposium on the Natural Resources of the Moblie Bay Estuary*. Alabama Sea Grant Extension Service, Alabama Cooperative Extension Service, Auburn University, MASGP-87-007, pp. 44-54.
- Shipp, R.L., 1982. Larval Fish Stocks. Dauphin Island Sea Lab Technical Report 82-003.
- Shipp, R.L., 1984. Fish Stocks of the Alabama Coastal Area. Dauphin Island Sea Lab Technical Report 84-002.
- Slay, C.K., 1995. Sea Turtle Mortality Related to Dredging Activities in the Southeastern U.S.: 1991. In: J.I. Richardson and T.H. Richardson (comps.), *Proceedings of the Twelfth Annual Workshop on Sea Turtle Biology and Conservation*, Jekyll Island, GA, NOAA Tech. Mem. NMFS-SEFSC-361, pp. 132-133.
- Smith, J.D., 1977. Modeling of Sediment Transport on Continental Shelves. In: *The Sea*, Volume 6, Edited by Goldberg, E.D., McCave, I.N., O'Brien, J.J., and Steele, J.H., Wiley-Interscience, New York, NY.
- Snelgrove, P.V.R. and C.A. Butman, 1994. Animal-sediment relationships revisited: Cause versus effect. *Oceanography and Marine Biology Annual Review*, 32: 111-177.
- Stanley, D.S. and C.A. Wilson, 1990. A fishery-based study of fish species composition and associated catch rates around oil and gas structures off Louisiana. *Fisheries Bulletin*, 88(2): 719-730.
- Stephenson, W.W.T., S.D. Cook, and S.J. Newlands, 1978. The macrobenthos of the Middle Banks of Moreton Bay. *Mem. Queensl. Mus.*, 18: 95-118.

- Stern, E.M. and W.B. Stickle, 1978. Effects of Turbidity and Suspended Material in Aquatic Environments: Literature Review. U.S. Army Engineer Waterways Experiment Station, Dredged Material Research Program, Vicksburg, MS, Technical Report D-78-21, 117 pp.
- Stickle, W.B., M.A. Kapper, L. Liu, E. Gnaiger, and S.Y. Wang, 1989. Metabolic adaptation of several species of crustaceans and molluscs to hypoxia: Tolerance and microcalorimetric studies. *Biological Bulletin*, 177: 301-312.
- 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.
- Stuck, K.C. and H.M. Perry, 1981a. Observations on the distribution and seasonality of portunid megalopae in Mississippi coastal waters. *Gulf Research Report*, 7: 93-95.
- Stuck, K.C. and H.M. Perry, 1981b. Ichthyoplankton Community Structure in Mississippi Coastal Waters, p. IV-1 to VI-1-53. In: *Fishery Monitoring and Assessment Completion Report*, 1 January 1977 to 31 December 1981, Gulf Coast Research Laboratory, Project No. 2-296-R.
- Stuck, K.C., H.M. Perry, and R.W. Heard, 1979. Records and range extensions of Mysidacea from coastal and shelf waters of the eastern Gulf of Mexico. *Gulf Research Report*, 6(3): 239-248.
- Studt, J.F., 1987. Amelioration of Maintenance Dredging Impacts on Sea Turtles, Canaveral Harbor, Florida. In: W. Witzell (ed.), *Ecology of East Florida Sea Turtles*. Proceedings of the Cape Canaveral, Florida Sea Turtle Workshop, Miami, FL. NOAA Technical Report NMFS 53, pp. 55-58.
- Stumpf, R.P., and G. Gelfenbaum, 1990. Effects of high river discharge on suspended sediments in Mobile Bay, Alabama. *EOS*, 71: 1,406-1,407.
- Stumpf, R.P., G. Gelfenbaum, J.R. Pennock, 1993. Wind and tidal forcing of a buoyant plume, Mobile Bay, Alabama. *Continental Shelf Research*, 13(11): 1281-1301.
- Sullivan, B.K. and D. Hancock, 1977. Zooplankton and dredging: Research perspectives from a critical review. *Water Research Bulletin*, 13(3): 461-468.
- Sutter, F.C., III, R.O. Williams, and M.F. Godcharles, 1991. Movement patterns of king mackerel in the southeastern United States. *Fisheries Bulletin*, 89: 315-324.
- Svendson, I.A., and I.G. Jonsson, 1976. *Hydrodynamics of Coastal Regions*. Technical University of Denmark, 285 pp.
- Swift D.J.P., 1976. Continental Sedimentation. In: Stanley D.J., and Swift D.J.P. Jr, (eds.), *Marine Sediment Transport and Environmental Management*, New York, N.Y, John Wiley and Sons, pp. 225-310.
- Swift, D.J.P. and A.W. Niedoroda, 1985. Fluid and Sediment Dynamics on Continental Shelves. In: Tillman, R.W., D.J.P. Swift, and R.G. Walker (editors), *Shelf Sands and Sandstone Reservoirs*, SEPM Short Course No. 13, Tulsa, OK, pp. 47-133.
- Tanaka H. and N. Shuto, 1981. Friction coefficient for a wave-current coexisting system. *Coastal Engineering of Japan*, 24: 105-128.
- Taylor, A.S., 1990. The Hopper Dredge. In: D.D. Dickerson and D.A. Nelson (comps.), *Proceedings of the National Workshop on Methods to Minimize Dredging Impacts on Sea Turtles*, Jacksonville, FL. U.S. Army Engineer Waterways Experiment Station, Environmental Effects Laboratory, Vicksburg, MS, Miscellaneous Paper EL-90-5, pp. 59-63.

- Taylor, A.S., 1999. Personal communication regarding offshore dredging operations (conversation with Mark Byrnes, January 26, 1999). Mr. Taylor is Vice President and General Manager of Bean Dredging Corporation.
- TechCon, Inc., 1980. Environmental Monitoring Program for Mobil Oil Exploration & Producing Southeast, Inc. Test Well in Mobile Bay, Alabama. Contract Report to Mobil Oil Exploration & Producing Southeast, Inc., New Orleans, LA.
- Thayer, C.W., 1983. Sediment-mediated Biological Disturbance and the Evolution of Marine Benthos. In: M.J.S. Tevesz and P.L. McCall (eds.), *Biotic Interactions in Recent and Fossil Benthic Communities*, Plenum Press, NY, pp. 479-625.
- Thistle, D., 1981. Natural physical disturbances and communities of marine soft bottoms. *Marine Ecology Progress Series*, 6: 223-228.
- Thompson, J.R., 1973. Ecological Effects of Offshore Dredging and Beach Nourishment: A Review. U.S. Army Engineer Waterways Experiment Station MP 1-73, U.S. Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA, Report 1-73.
- Thompson, N.B. and H. Huang, 1993. Leatherback turtles in the southeast U.S. waters. NOAA Tech. Mem. MNFS-SESFC-318, 11 pp.
- Thornton, E.B., 1968. A Field Investigation of Sand Transport in the Surf Zone. *Proceedings, 11th International Conference on Coastal Engineering, ASCE*, pp. 335-351.
- Thornton, E.B. and R.T. Guza, 1983. Transformation of wave height distribution. *Journal of Geophysical Research*, 88: 5,925-5,938.
- Thornton, E.B. and R.T. Guza, 1989. Models for Surf Zone Dynamics. In: *Nearshore Sediment Transport*, R.J. Seymour, (ed.), Plenum Press, New York, NY, pp. 337-369.
- Thorson, G., 1957. Bottom communities (sublittoral or shallow shelf). *Geological Society of America Memoir*, 67: 461-534.
- Thorson, G., 1966. Some factors influencing the recruitment and establishment of marine benthic communities. *Netherlands Journal of Sea Research*, 3(2): 267-293.
- Todd, T.W., 1968. Dynamic diversion: influence of longshore current-tidal flow interaction on chenier and barrier island plains. *Journal of Sedimentary Petrology*, 38: 734-746.
- Trowbridge, J. and O. Madsen, 1984. Turbulent wave boundary layers, 1. model formulation and first-order solution. *Journal of Geophysical Research*, 89: 7,989-7,997.
- Trowbridge, J. and V.C. Agrawal, 1995. Glimpses of a wave boundary layer. *Journal of Geophysical Research*, 100: 729-744.
- Truesdale, F.M. and B.L. Andryszak, 1983. Occurrence and distribution of reptant decapod crustacean larvae in neritic Louisiana waters: July 1976. *Contributions in Marine Science*, 26: 37-53.
- Turbeville, D.B. and G.A. Marsh, 1982. Benthic Fauna of an Offshore Borrow Area in Broward County, Florida. U.S. Army Corps of Engineers, Coastal Engineering Research Center. Miscellaneous Report 82-1, 43 pp.
- Turner, J.T., 1984a. Zooplankton feeding ecology: Contents of fecal pellets of the copepods *Acartia tonsa* and *Labidocera aestiva* from continental shelf waters near the mouth of the Mississippi River. *Marine Ecology*, 5(3): 265-282.

- Turner, J.T., 1984b. Zooplankton feeding ecology: Contents of fecal pellets of the copepods *Temora turbinata* and *T. stylifera* from continental shelf and slope waters near the mouth of the Mississippi River. *Marine Biology*, 82: 73-83.
- Turner, J.T., 1984c. Zooplankton feeding ecology: Contents of fecal pellets of the copepods *Eucalanus pileatus* and *Paracalanus quasimodo* from continental shelf waters of the Gulf of Mexico. *Marine Ecology*, 6(4): 285-298.
- Turner, J.T., 1984d. Zooplankton feeding ecology: Contents of fecal pellets of the copepod *Anomalocera ornata* from continental shelf and slope waters of the Gulf of Mexico. *Marine Ecology Progress Series*, 15: 27-46.
- Turner, J.T., 1986. Zooplankton feeding ecology: Contents of fecal pellets of the cyclopoid copepods *Oncaea venusta*, *Corycaeus amazonicus*, *Oithona plumifera*, and *O. simplex* from the northern Gulf of Mexico. *Marine Ecology*, (4): 289-302.
- Turner, R.E. and N.N. Rabalais, 1994. Coastal eutrophication near the Mississippi River Delta. *Nature*, 368: 619-621.
- U.S. Army Corps of Engineers, 1955. Perdido Pass (Alabama Point) Alabama Beach Erosion Control Study. Mobile District, Mobile, AL.
- U.S. Army Corps of Engineers, 1967. Hurricane Survey of the Alabama Coast. U.S. 90th Congress, 1st Session, House Document 99, 92 pp.
- U.S. Army Corps of Engineers, 1984. Shore Protection Manual. U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center, Vicksburg MS.
- U.S. Army Corps of Engineers, 1984. Exploration and Production of Hydrocarbon Resources in Coastal Alabama and Mississippi. Mobile District, Mobile, AL, 615 pp.
- U.S. Army Corps of Engineers, 1999. Hopper Dredge Sea Turtle Deflector Draghead and Operational Requirements. <http://www.saj.usace.army.mil/pd/turtle.htm>
- U.S. Department of Commerce, National Marine Fisheries Service, 1998. Alabama Landings Data. <http://www.nmfs.gov/st1/commercial/index.html>
- U.S. Department of Commerce, 1991. Our Living Resources. NOAA Tech Mem. NMFS-F/SP0-2, 123 pp.
- U.S. Fish and Wildlife Service, 1996. Florida Manatee Recovery Plan (*Trichechus manatus latirostris*), Second Revision. Prepared by the Florida Manatee Recovery Team for the Southeast Region, U.S. Fish and Wildlife Service, Atlanta, GA.
- Underwood, A.J. and P.G. Fairweather, 1989. Supply side ecology and benthic marine assemblages. *Trends in Ecological Evolution*, 4(1): 16-20.
- Van de Voorde, N.E and S.P. Dinnel, 1998. Observed directional wave spectra during a frontal passage. *Journal of Coastal Research*, 14: 337-346.
- Van Dolah, R.F, 1996. Impacts of Beach Nourishment on the Benthos: What Have We Learned?. Twenty-fourth Annual Benthic Ecology Meeting, Columbia, SC, pp. 82.
- Van Dolah, R.F., B.J. Digre, P.T. Gayes, P. Donovan-Ealy, and M.W. Dowd, 1998. An Evaluation of Physical Recovery Rates in Sand Borrow Sites Used for Beach Nourishment Projects in South Carolina. Final Report to the U.S. Department of the Interior, Minerals Management Service, Office of International Activities and Marine Minerals, by the South Carolina Department of Natural Resources, Marine Resources Research Institute, 76 pp. + app.

- Van Dolah, R.F., D.R. Calder, and D.M. Knott, 1984. Effects of dredging and open-water disposal on benthic macroinvertebrates in a South Carolina estuary. *Estuaries*, 7: 28-37.
- Van Dolah, R.F., P.H. Wendt, R.M. Martore, M.V. Levisen, and W.A. Roumillat, 1992. A Physical and Biological Monitoring Study of the Hilton Head Beach Nourishment Project. Final Report submitted to the Town of Hilton Head Island and South Carolina Coastal Council by the South Carolina Wildlife and Marine Resources Department, Marine Resource Research Institute, 159 pp.
- Van Dolah, R.F., R.M. Martore, and M.V. Levisen, 1993. Supplemental Report for the Physical and Biological Monitoring Study of the Hilton Head Beach Nourishment Project. Prepared by the South Carolina Marine Resources Division, Marine Resources Research Institute for the for the Town of Hilton Head Island, SC.
- Vecchione, M., 1981. Aspects of the early life history of *Loligo pealei* (Cephalopoda; Myopsida). *Journal of Shellfish Research*, 1: 171-180.
- Vincent, C.L. and M.J. Briggs, 1989. Refraction-diffraction of irregular waves over a mound. *Journal of Waterway Port, Coastal And Ocean Engineering*, 115(2): 269-284.
- Vinyard, G.L. and J.W. O'Brien, 1976. Effects of light and turbidity on the reactive distance of bluegill (*Lepomis macrochirus*). *Journal of the Fisheries Research Board of Canada*, 33: 2,845-2,849.
- Walker, T.A. and G. O'Donnell, 1981. Observations on nitrate, phosphate and silicate in Cleveland Bay, Northern Queensland. *Australian Journal of Marine and Freshwater Research*, 32: 877-887.
- Weber, M., 1995. Kemp's ridley sea turtle, *Lepidochelys kempii*. In: P.T. Plotkin (ed.), National Marine Fisheries Service and U. S. Fish and Wildlife Service Status Reviews for Sea Turtles Listed under the Endangered Species Act of 1973. Silver Spring, MD.
- Werner, S.A. and A.M. Landry, Jr., 1994. Feeding Ecology of Wild and Head Started Kemp's Ridley Sea Turtles (*Lepidochelys kempii*). In: K.A. Bjorndal, A.B. Bolten, D.A. Johnson, and P.J. Eliazar (comps.), Proceedings of the Fourteenth Annual Symposium on Sea Turtle Biology and Conservation. U.S. Department of Commerce, Miami, FL, NOAA Tech. Mem. NMFS-SEFSC-351, pp. 163.
- Wilber, P. and M. Stern, 1992. A Re-examination of Infaunal Studies That Accompany Beach Nourishment Projects. In: New Directions in Beach Management: Proceedings of the 5th Annual National Conference on Beach Preservation Technology, Florida Shore and Beach Preservation Association, Tallahassee, FL, pp. 242-257.
- Williams, S.J., 1992. Coasts in Crisis. U.S. Geological Survey Circular 1075, 32 pp.
- Winer, H., 1988. Numerical Modeling of Wave-Induced Currents Using a Parabolic Wave Equation. Technical Report No. 80, Dept. of Coastal and Oceanographic Engineering, University of Florida, Gainesville, FL.
- Wiseman, W.J., W.W. Schroeder, and S.P. Dinnel, 1988. Shelf-estuarine water exchanges between the Gulf of Mexico and Mobile Bay, Alabama. *American Fisheries Society Symposium*, 3: 1-8.
- Wright, D.G., 1977. Artificial Islands in the Beaufort Sea: A Review of Potential Impacts. Department of Fisheries and Environment, Winnipeg, Manitoba. 38 pp.
- Yan, Y., 1987. Numerical Modeling of Current and Wave Interactions on an Inlet-beach System. Technical Report No. 73, Dept. of Coastal and Oceanographic Engineering, University of Florida, Gainesville, FL.

Zajac, R.N. and R.B. Whitlatch, 1982. Responses of estuarine infauna to disturbance. I. Spatial and temporal variation of initial recolonization. *Marine Ecology Progress Series*, 10: 1-14.