

**BIBLIOGRAPHY OF HYDROLOGIC AND WATER-QUALITY INVESTIGATIONS CONDUCTED IN OR
NEAR THE ALBEMARLE-PAMLICO SOUNDS REGION, NORTH CAROLINA**

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ABSTRACT

A bibliography containing 1,100 citations is presented. The cited works are primarily reports of investigations of the effects of land use and land-use change on water quality, artificial drainage, hydrology and hydrodynamics, and water quality in the Albemarle-Pamlico Sounds region, North Carolina. The bibliography is indexed according to research topic and geographic location of the investigation. The bibliography is also computerized and has been transferred to the Albemarle-Pamlico Estuarine Study data-management system.

INTRODUCTION

The Albemarle-Pamlico Estuarine Study (APES), which began in 1986, is a joint effort of the State of North Carolina, the Federal Government, and local interests. APES is authorized under Section 320 (the National Estuary Program) of the Clean Water Bill Amendments of 1987. Scientific research directed toward evaluation of potential management alternatives is being funded by APES in an effort to better preserve the natural productivity of the Albemarle-Pamlico system (Rader, 1988).

Assessment of water-quality conditions and quantification of processes that affect water quality is a major component of the APES. A comprehensive knowledge of present conditions and a thorough understanding of the water-quality effects resulting from various inputs, management practices, and natural processes is required to effectively manage the Albemarle-Pamlico system and to ensure a healthy fishery and biotic community. New and innovative research will be required to reach these goals. Nevertheless, the great body of existing data and research results cannot be ignored and should be a valuable guide in the search for new information and insight.

In order to consolidate and analyze existing hydrologic and water-quality data from Albemarle and Pamlico Sounds and the surrounding area, the APES Project Office, located within the North Carolina Department of Natural Resources and Community Development (NRCD), and the U.S. Geological Survey began an 18-month cooperative investigation in October 1987. This bibliography is the first product of that cooperative work.

Purpose and Scope

The purpose of this report is to provide a bibliography of hydrologic and water-quality investigations that were conducted in or near the Albemarle and Pamlico Sounds, North Carolina (fig. 1). An alphabetical listing of the citations is provided. The cited reports are also indexed by study site location and investigation topic. The bibliography is computerized and has been transferred to the APES data-management system, which is housed in NRCD's Land Resources Information Service.

The bibliography contains 1,100 citations. Although approximately 75 percent of the publications listed in the bibliography were examined in preparation for this report, not all citations could be located. The decision to include a work in the bibliography was based on the topic and geographic location of the investigation. Works included in the bibliography are primarily investigations related to artificial drainage, hydrology and hydrodynamics, water quality, and the effects of land use and land-use change on water quality. Also included are some selected citations of ground-water and geologic investigations that relate to surface-water issues. The bibliography generally includes citations of investigations that were conducted on lands or in waters seaward of the head-of-tide in the Albemarle and Pamlico Sound tributary rivers.

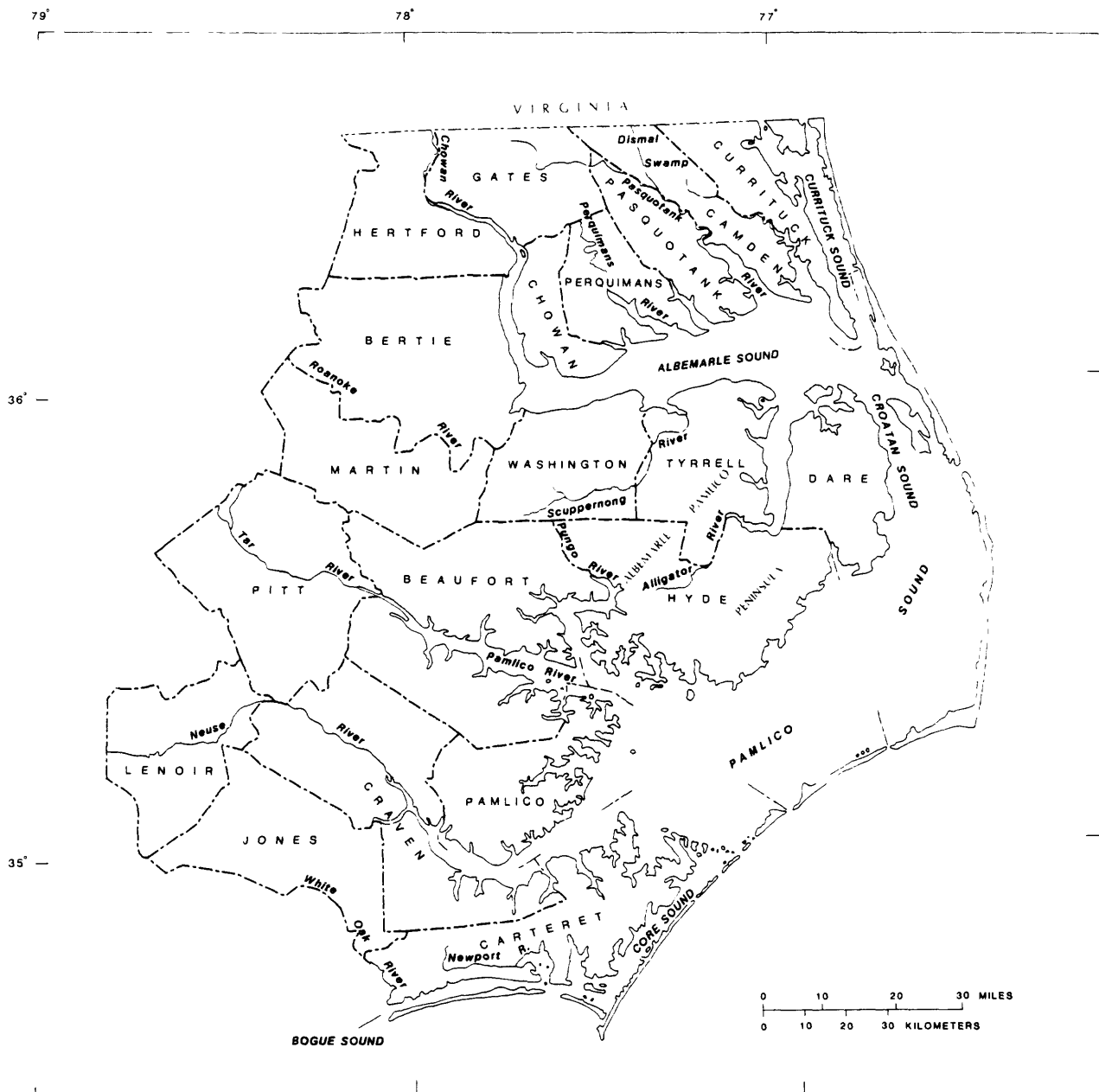


Figure 1.--The Albemarle-Pamlico Sounds region.

The bibliography includes only investigations in which Albemarle-Pamlico site-specific data were collected or interpreted. For example, there are numerous publications on the general topic of brackish-water chemistry that are helpful in providing insight into geochemical processes in Albemarle-Pamlico waters; however, if these publications do not include Albemarle-Pamlico data, they are not included in this bibliography.

The bibliography was compiled from computerized searches, visits to university and agency libraries, previously published and unpublished bibliographies, and discussions with researchers. Libraries that were visited included those at North Carolina State University, the Water Resources Research Institute library at North Carolina State University, the University of North Carolina at Chapel Hill, Duke University, East Carolina University, the University of North Carolina Institute of Marine Sciences, the Duke University Marine Laboratory, the East Carolina University Institute of Coastal and Marine Resources, NRCO, the North Carolina Department of Cultural Resources, the North Carolina Department of Agriculture, the Soil Conservation Service in Raleigh, the National Marine Fisheries Service in Beaufort, the Fish and Wildlife Service in Raleigh, the U.S. Army Corps of Engineers in Wilmington, and the U.S. Geological Survey in Raleigh.

Previous Bibliographies

Several published and unpublished bibliographies concerning various aspects of the Albemarle-Pamlico region have been compiled in the past. A 1982 bibliography (Garlo, 1982) of Currituck Sound reports includes both scientific and popular citations. The unpublished "Albemarle Basin Bibliography" was compiled by NRCO in 1985 and mainly contains citations of water-quality studies in the Chowan River. The geological bibliography of Riggs and O'Connor (1975) contains a

complete compilation of pre-1975 geological investigations conducted in the Coastal Plain, coastal zone, and continental shelf of North Carolina. Dubach (1977) also compiled information on the North Carolina coastal zone. Finally, Collins and Sylvester (1986) published a data characterization of Albemarle and Pamlico Sounds that contained 57 citations.

Acknowledgments

This report was prepared in cooperation with the NRCO Albemarle-Pamlico Estuarine Study Project Office. Compilation of the bibliography was facilitated by assistance from librarians at the many institutions and agencies that were visited. Jane Basnight, NRCO librarian, was particularly helpful in locating old and obscure State documents. Dr. Robert E. Holman, APES project director, and Dr. Douglas N. Rader, former APES project director, were also instrumental in identifying potential sources of information.

DESCRIPTION OF BIBLIOGRAPHY

The bibliography consists of three sections: (1) an alphabetical listing of the citations, (2) an index of the citations by study location, and (3) an index of the citations by investigation topic. The alphabetical listing of the citations also includes a notation of the location(s) and study topic(s) under which the report is indexed.

Locations used to index the reports are listed in Table 1 and are shown in Figure 1. The location identifiers are only general indications of the investigation study site. The cited reference should be consulted for a complete description of the study location. Likewise, the study topic(s) used to categorize the citations reflect only the general thrust of the investigation. Study-topic categories are given in Table 2.

Table 1.--*Study site locations used in location index*

Counties	Waterbodies	Other locations
Beaufort	Albemarle Sound	Albemarle-Pamlico Peninsula
Bertie	Alligator River	Barrier Islands
Camden	Bogue Sound	Offshore
Carteret	Chowan River	System-wide
Chowan	Core Sound	Virginia
Craven	Croatan Sound	
Currituck	Currituck Sound	
Dare	Dismal Swamp	
Hyde	Neuse River	
Jones	Newport River	
Lenoir	Pamlico River	
Pamlico	Pamlico Sound	
Pasquotank	Pasquotank River	
Perquimans	Perquimans River	
Pitt	Pungo River	
Tyrrell	Roanoke River	
Washington	Scuppernong River	
	Tar River	
	White Oak River	

REFERENCES CITED

Table 2.--*Primary investigation topics used in topic index*

Artificial drainage
Geology
Ground water
Hydrology/hydrodynamics
General
Meteorology
Land-use effects
Agriculture
General
Mining
Silviculture
Urbanization
Wetlands
Water quality
General
Invertebrates
Macrophytes
Nutrients
Phytoplankton
Salinity
Sediments
Shoreline changes

- Collins, E., and Sylvester, J., 1986, Data characterizations for Albemarle/Pamlico Sounds: Washington, D.C., U.S. Department of Commerce, National Oceanographic Data Center, NODC Informal Report No. 3.
- Dubach, H.W., 1977, North Carolina coastal zone and its environment: U.S. Department of Energy, Savannah River Laboratory, Report No. 147.
- Garlo, E., 1982, Currituck Sound bibliography: North Carolina Department of Natural Resources and Community Development, 49 p.
- Rader, D.N., 1988, The Albemarle-Pamlico estuarine study--first year progress report: North Carolina Department of Natural Resources and Community Development Report No. APES 88-04, 52 p.
- Riggs, S.R., and O'Connor, M.P., 1975, Geological bibliography of North Carolina's Coastal Plain, coastal zone, and continental shelf: North Carolina State University, University of North Carolina Sea Grant College Program, Report No. UNC-SG-75-13, 141 p.

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Location: System-Wide
Topic: Land-Use Effects (wetlands)
- Adams, D.A., and Barnes, J.S., 1986, First Colony Farms reclamation plan: Creswell, North Carolina, First Colony Farms, 27 p.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (agriculture)
- Adams, D.A., Beninger, L.K., Hosier, P.E., Overton, M.F. and Reed, J.P., 1982, White Oak River management project - final report: Raleigh, Office of Water Resources, North Carolina Department of Natural Resources and Community Development.
Location: White Oak River
Topic: Water Quality
- Adams, D.A., and Overton, M.F., 1984, The impact of salinity introduction upon fish habitat in Currituck Sound--results of species-habitat modeling: Raleigh, Report prepared for the North Carolina Department of Natural Resources and Community Development, 29 p.
Location: Currituck Sound
Topic: Water Quality (salinity)
- Airan, D.S., 1974, Explicit modeling of circulation and water quality for two-dimensional unsteady flow: Raleigh, unpublished Ph.D. dissertation, North Carolina State University, 234 p.
Location: Pamlico Sound
Topic: Hydrology/Hydrodynamics
- Albert, D.B., 1980, In situ measurements of sediment-water nutrient exchange rates in the Chowan River: Chapel Hill, unpublished M.S. thesis, University of North Carolina.
Location: Chowan River
Topic: Water Quality (nutrients, sediments)
- Allen, C., Corcoran, M., McDade, L., Travis, J., and Wheeler, D., 1979, An ecological survey of selected inland Dare county sites, with evaluation for conservation potential: Raleigh, Natural Heritage Program, North Carolina Department of Natural Resources and Community Development.
Location: Dare County
Topic: Land-Use Effects
- Allen, D.W., 1964, Clay minerals of Tar-Pamlico sediments: Chapel Hill, unpublished M.S. thesis, University of North Carolina, 34 p.
Location: Pamlico River
Topic: Water Quality (sediments)

^{1/}This bibliography does not conform strictly to U.S. Geological Survey format for citing references in Survey reports; therefore, Survey authors should reformat, if necessary, for purposes of compiling reference lists.

- Allen, P.H., 1958, A tidewater swamp forest and succession after clearcutting: Durham, North Carolina, unpublished M.A. thesis, Duke University, 48 p.
 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects (silviculture)
- Allgood, G.S., 1983, Nitrogen fixation and denitrification in the Pamlico River, North Carolina: Chapel Hill, M.S.P.H. Technical Report, Department of Environmental Sciences and Engineering, University of North Carolina.
 Location: Pamlico River
 Topic: Water Quality (nutrients)
- Amein, M., 1971, Circulation in Pamlico Sound: Raleigh, Report to North Carolina Board of Science and Technology, Department of Civil Engineering, North Carolina State University
 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
- Amein, M., and Airan, D.S., 1976, Mathematical modeling of hurricane surge in Pamlico Sound, North Carolina: Raleigh, Report No. UNC-SG-76-12, University of North Carolina Sea Grant College Program, North Carolina State University, 102 p.
 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
- Amein, M., and Fang, C.S., 1969, Streamflow routing with applications to North Carolina rivers: Raleigh, Report No. UNC-WRRI-69-17, Water Resources Research Institute, North Carolina State University, 72 p.
 Location: System-Wide
 Topic: Hydrology/Hydrodynamics
- Amein, M., and Galler, W.S., 1979, Water quality management model for the lower Chowan River: Raleigh, North Carolina, Report No. UNC-WRRI-79-130, Water Resources Research Institute, North Carolina State University, 159 p.
 Location: Chowan River
 Topic: Water Quality (nutrients)
- Amein, M., and Wardick, S.G., 1975, A dynamic water quality model for the Neuse River Estuary, North Carolina: Raleigh, Report No. UNC-SG-75-28, University of North Carolina Sea Grant College Program, North Carolina State University, 62 p.
 Location: Neuse River
 Topic: Water Quality
- Anthony, R.W., and Drucker, L.M., 1981, An archaeological survey of proposed development areas, Cedar Island National Wildlife Refuge, Carteret County, North Carolina: Columbia, South Carolina, Resource Studies Series 57, Carolina Archaeological Services.
 Location: Carteret County
 Topic: Land-Use Effects (urbanization)

- Ash, A.N., McDonald, C.B., Kane, E.S., and Pories, C.A., 1983, Natural and modified pocosins--literature synthesis and management options: Washington, D.C., Report No. FWS/OBS-83/04, Division of Biological Services, U.S. Fish and Wildlife Service, 156 p.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (wetlands), Artificial Drainage
- Ash, A.N., McDonald, C.B., Pories, C.A., and Kane, E.S., 1982, Natural and modified pocosins--management options for protection and enhancement of aquatic and terrestrial wildlife (draft report): Greenville, North Carolina, Department of Biology and Institute for Coastal and Marine Resources, East Carolina University, 54 p.
Location: System-Wide
Topic: Land-Use Effects (wetlands)
- Ashe, W.W., 1894, The forests, forest lands, and forest products of eastern North Carolina: North Carolina Geological Survey Bulletin No. 5, 128 p.
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Topic: Land-Use Effects (silviculture)
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- Athearn, W.C., and Ronne, C., 1963, Shoreline changes at Cape Hatteras, an aerial photographic study of a 17-year period: Washington, D.C., Office of Naval Research, Naval Research Reviews, v. 6, p. 17-24.
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Topic: Water Quality (shoreline change)
- Atkinson, L.P., Singer, J.J., Dunstan, W.M., and Pietrafesa, L.J., 1976, Hydrography of Onslow Bay, North Carolina--September, 1975 (OBIS II): Savannah, Georgia, Technical Report Series No. 76-2, Skidaway Institute of Oceanography, 147 p.
Location: Offshore
Topic: Hydrology/Hydrodynamics
- Au, Shu-fun, 1969, Vegetation and ecological processes on Shackleford Bank, North Carolina: Durham, North Carolina, Duke University
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Topic: Water Quality (sediments)
- _____, 1968, A reconnaissance of anadromous fish runs into the inland fishing waters of North Carolina: Raleigh, Completion Report for Project AFS-3, North Carolina Water Resources Commission, 33 p.
Location: System-Wide
Topic: Water Quality
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Location: Alligator River, Scuppernong River
Topic: Water Quality
- Balducci, C.F., 1982, Phosphate uptake kinetics in the Chowan River: Raleigh, unpublished M.S. thesis, North Carolina State University, 97 p.
Location: Chowan River
Topic: Water Quality (nutrients)
- Barber, R.T., Kirby-Smith, W.W., and Parsley, P.E., 1979, Wetland alterations for agriculture, in Greeson, P.E., Clark, J.R., and Clark, J.E., eds., Wetland functions and values--the state of our understanding: Minneapolis, Minnesota, American Water Resources Association, p. 642-651.
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Topic: Land-Use Effects (wetlands, agriculture)
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Topic: Land-Use Effects
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Topic: Land-Use Effects (agriculture), Water Quality
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Location: Lenoir County
Topic: Land-Use Effects

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 Topic: Water Quality (shoreline change)
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 Topic: Water Quality, Hydrology/Hydrodynamics
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 Topic: Water Quality
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 Topic: Water Quality

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Location: Pungo River
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- Bellis, V.J., and Gaither, A.C., 1985, Seasonality of aboveground biomass for six saltmarsh plant species: Journal of the Elisha Mitchell Scientific Society, v. 101, no. 2, p. 95-109.
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Topic: Water Quality (macrophytes)
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Location: System-Wide
Topic: Water Quality (sediments, shoreline change)
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Topic: Water Quality (sediments)
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Topic: Water Quality (sediments)
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Topic: Geology
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Topic: Water Quality (sediments)

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 Location: Barrier Islands
 Topic: Land-Use Effects (agriculture)
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 Topic: Water Quality (sediments)
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 Location: Neuse River
 Topic: Hydrology/Hydrodynamics, Water Quality
- Blankenship, P.R., 1976, A flow study of Drum Inlet, North Carolina: Raleigh, Report No. UNC-SG-76-13, University of North Carolina Sea Grant College Program, North Carolina State University, 56 p.
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 Location: Chowan River
 Topic: Water Quality (macrophytes)
- Boc, S.J., and Langfelder, J., 1977, An analysis of beach overwash along North Carolina's coast: Raleigh, Center for Marine and Coastal Studies, North Carolina State University, 17 p.
 Location: Barrier Islands
 Topic: Water Quality (shoreline change)

- Bond, S., Cook, G., and Howells, D.H., 1977, Summary report, the Chowan River project: Raleigh, Water Resources Research Institute, North Carolina State University, 36 p.
 Location: Chowan River
 Topic: Water Quality
- Boody, O.C., 1979, Response of phytoplankton and bacteria to water quality in the Chowan River, North Carolina: Raleigh, unpublished M.S. thesis, Department of Botany, North Carolina State University, 156 p.
 Location: Chowan River
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 Location: Currituck Sound
 Topic: Water Quality (macrophytes)
- Bosserman, K., and Dolan, R., 1968, The frequency and magnitude of extra-tropical storms along the Outer Banks of North Carolina: Charlottesville, Virginia, Coastal Research Association.
 Location: System-Wide
 Topic: Hydrology/Hydrodynamics (meteorology)
- Boto, K.G., Patrick, W.H., 1979, Role of wetlands in the removal of suspended sediments, *in* Greeson, P.E., Clark, J.R., and Clark, J.E., eds., Wetland functions and values--the state of our understanding: Minneapolis, Minnesota, American Water Resources Association, p. 479-478.
 Location: System-Wide
 Topic: Land-Use Effects (wetlands, agriculture)
- Bourdeau, P.F., and Oosting, J., 1959, The maritime live oak forest in North Carolina: Ecology, v. 40, p. 148-152.
 Location: System-Wide
 Topic: Land-Use Effects (silviculture)
- Bourn, W.S., 1929, The destruction of aquatic duck food plants in Back Bay and Currituck Sound: Transactions of the 16th North American Game Conference.
 Location: Currituck Sound
 Topic: Water Quality (macrophytes)
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 Location: Currituck Sound
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 Location: Albemarle Sound
 Topic: Water Quality (nutrients)

- Boyd, H.W., 1971, Depositional sub-environments and erosion at Pea Island, North Carolina: Raleigh, unpublished M.S. thesis, Department of Geosciences, North Carolina State University, 58 p.
Location: Barrier Islands
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- Boynton, W.R., Kemp, W.M., and Keefe, C.W., 1982, A comparative analysis of nutrients and other factors influencing estuarine productivity; *in* Kennedy, V.S., ed., Estuarine comparisons: New York, Academic Press, p. 69-90.
Location: Pamlico River
Topic: Water Quality (nutrients)
- Bradshaw, H.D., 1977, Nitrogen cycling in an Alluvial swamp forest: Greenville, North Carolina, unpublished M.S. thesis, East Carolina University, 89 p.
Location: Tar River
Topic: Water Quality (nutrients)
- Bradshaw, H.D., Brinson, M.M., Matson, E.A., and Davis, G.J., 1985, composition and metabolism of sediments in irregularly flushed estuarine creeks in North Carolina: Journal of the Elisha Mitchell Scientific Society, v. 101, p. 52-75.
Location: Pamlico River
Topic: Water Quality (sediments)
- Brashears, M.L., 1970, Evaluation of the Beaufort County ground-water conditions related to phosphate mining as of April, 1970: Aurora, North Carolina, Leggette, Brashears, and Graham Consultant Report for Texas Gulf Sulphur Co.
Location: Beaufort County
Topic: Ground Water
- Brauer, C.J., 1974, Genetic mapping and erosional history of the surface sediments of Shackleford Banks, North Carolina: Durham, unpublished M.S. thesis, Duke University
Location: Barrier Islands, Offshore
Topic: Water Quality (shoreline changes)
- Brauner, J.F., 1975, Seasonality of epiphytic algae on Zostera marina at Beaufort, North Carolina: Nova Hedwigia, v. 26, p. 125-133.
Location: Bogue Sound
Topic: Water Quality (macrophytes)
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Location: Bogue Sound
Topic: Water Quality (sediments, invertebrates)
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Location: Tar River
Topic: Water Quality (nutrients)

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Topic: Water Quality (nutrients)
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Location: Tar River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Land-Use Effects (wetlands), Water Quality (salinity)
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Location: Tar River, Pitt Co.
Topic: Water Quality (nutrients)
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Location: Tar River
Topic: Water Quality (nutrients)
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Location: Chowan River
Topic: Water Quality (nutrients, macrophytes)
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Location: System Wide
Topic: Water Quality (nutrients)
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Location: System-Wide
Topic: Hydrology/Hydrodynamics, Water Quality
- Brinson, M.M., Swift, B.L., Plantico, R.C., and Barclay, J.S., 1981, Riparian ecosystems--their ecology and status: Kearneysville, West Virginia, Report No. FWS/OBS-81/17, Biological Services Program, Eastern Energy Land Use Team, U.S. Fish and Wildlife Service, 155 p.
Location: System-Wide
Topic: Land-Use Effects (wetlands), Artificial Drainage

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Location: Barrier Islands
Topic: Water Quality (macrophytes)
- Broome, T.G., 1968, An analysis of flow in tidal inlets: Raleigh, unpublished M.S. thesis, Department of Civil Engineering, North Carolina State University, 77 p.
Location: Barrier Islands
Topic: Hydrology/Hydrodynamics
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Location: Offshore, Barrier Islands
Topic: Land-Use Effects
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Location: System-Wide
Topic: Land-Use Effects
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Location: Barrier Islands
Topic: Water Quality (macrophytes)
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Location: Neuse River
Topic: Water Quality (sediments)
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Topic: Water Quality (sediments)
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Location: Pamlico River
Topic: Geology
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Location: Beaufort County
Topic: Ground Water

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Topic: Ground Water
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Location: Albemarle Sound
Topic: Geology
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Location: System-Wide
Topic: Ground Water
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Location: System-Wide
Topic: Land-Use Effects (wetlands)
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Location: Offshore
Topic: Hydrology/Hydrodynamics
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Location: Offshore
Topic: Water Quality, Hydrology/Hydrodynamics
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Location: System-Wide
Topic: Land-Use Effects (wetlands), Artificial Drainage
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Location: System-Wide
Topic: Land-Use Effects (wetlands), Artificial Drainage
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Location: Barrier Islands
Topic: Water Quality (macrophytes)

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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality
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Location: Chowan River, Pasquotank River
Topic: Land-Use Effects (silviculture)
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Topic: Water Quality (sediments)
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Topic: Water Quality (sediments)
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Location: System-Wide
Topic: Water Quality (nutrients)
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Topic: Land-Use Effects (wetlands)
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Location: Core Sound
Topic: Water Quality (invertebrates, macrophytes)
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Location: Newport River
Topic: Water Quality (invertebrates)

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Topic: Water Quality (invertebrates, macrophytes)
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Location: Bogue Sound
Topic: Water Quality (nutrients, phytoplankton)
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Location: System-Wide
Topic: Land-Use Effects (silviculture)
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Location: System-Wide
Topic: Land-Use Effects (silviculture, wetlands)
- Campbell, R.N., 1981, Peat for energy program--First Colony Farms, Inc., in Richardson, C.J., ed., Pocosin wetlands: Stroudsburg, Pennsylvania, Hutchinson Ross Publishing Co., p. 214-224.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (mining, agriculture)
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Location: System-Wide
Topic: Water Quality
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Location: System-Wide
Topic: Hydrology/Hydrodynamics (meteorology)
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Location: System-Wide
Topic: Hydrology/Hydrodynamics (meteorology)
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Topic: Water Quality (nutrients, phytoplankton)

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Topic: Water Quality (nutrients, phytoplankton)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (mining)
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Location: Bogue Sound, Core Sound
Topic: Water Quality (macrophytes)
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Location: System-Wide
Topic: Land-Use Effects (agriculture)
- Cassel, D.K., 1985, Physical characteristics of soils of the southern region - summary of in situ unsaturated hydraulic conductivity: Raleigh, North Carolina Agricultural Research Service, North Carolina State University, 143 p.
Location: System-Wide
Topic: Land-Use Effects (agriculture)
- Chamberlain, E.B., 1948, An investigation of certain waterfowl food plants and a botanical survey of Back Bay National Wildlife Refuge, Princess Anne County, Virginia: Blacksburg, unpublished M.S. thesis, Virginia Polytechnic Institute.
Location: Currituck Sound
Topic: Water Quality (salinity, macrophytes)
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Location: Pamlico River
Topic: Water Quality
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (agriculture), Hydrology/Hydrodynamics

- Chang, S.Y., 1977, Nonsteady state model of phosphorus and nitrogen for Pamlico River Estuary, North Carolina: Chapel Hill, M.S. Report, Department of Environmental Sciences and Engineering, University of North Carolina, 75 p.
 Location: Pamlico River
 Topic: Water Quality (nutrients)
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 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
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 Location: Offshore
 Topic: Hydrology/Hydrodynamics (meteorology)
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 Location: Pitt County
 Topic: Water Quality (invertebrates)
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 Location: Dare County, Tyrrell County
 Topic: Land-Use Effects (agriculture, wetlands)
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 Location: Dare County, Tyrrell County
 Topic: Land-Use Effects (agriculture, wetlands)
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 Location: Dismal Swamp
 Topic: Land-Use Effects (wetlands)
- Christian, R.R., Bryant, W.L., and Stanley, D.W., 1985, The relationship between river flow and Microcystis aeruginosa blooms in the Neuse River, North Carolina: Raleigh, Report No. UNC-WRRI-85-223, Water Resources Research Institute, North Carolina State University, 100 p.
 Location: Neuse River
 Topic: Water Quality (phytoplankton)

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Location: Neuse River
Topic: Water Quality (nutrients)
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Location: Neuse River
Topic: Water Quality
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Location: Pamlico Sound
Topic: Hydrology/Hydrodynamics
- Chynoweth, D.P., 1965, Baseline survey of the benthic macroinvertebrates of the Pamlico River: Chapel Hill, Department of Environmental Sciences and Engineering Technical Report No. 264, School of Public Health, University of North Carolina, 55 p.
Location: Pamlico River
Topic: Water Quality (invertebrates)
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Location: Currituck Sound
Topic: Water Quality (salinity)
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Location: Pamlico River
Topic: Water Quality (invertebrates)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (wetlands, mining)
- Clark, W.B., Miller, B.L., Stephenson, L.W., Johnson, B.L., and Parker, H.N., 1912, The Coastal Plain of North Carolina: North Carolina Geologic and Economic Survey Bulletin, v. 3, 542 p.
Location: System-Wide
Topic: Geology
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Location: System-Wide
Topic: Land-Use Effects

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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (agriculture, mining)
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Location: Barrier Islands
Topic: Water Quality (shoreline changes)
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Location: System-Wide
Topic: Water Quality (shoreline changes)
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Location: Barrier Islands
Topic: Geology
- 1907, Notes on the geology of Core Banks: Journal of the Elisha Mitchell Scientific Society, v. 23, p. 26-28.
Location: Barrier Islands
Topic: Geology
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Location: Tyrrell County
Topic: Land-Use Effects
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Location: Beaufort County
Topic: Land-Use Effects
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Location: Dismal Swamp
Topic: Land-Use Effects (wetlands)
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Location: Pamlico Sound
Topic: Water Quality (invertebrates)
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Location: Pamlico Sound
Topic: Water Quality (invertebrates)
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Location: System-Wide
Topic: Water Quality (shoreline changes)

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Location: Chowan River
Topic: Hydrology/Hydrodynamics, Water Quality
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Location: System-Wide
Topic: Land-Use Effects
- Cooper, J.E., and others, eds., 1977, Endangered and threatened plants and animals of North Carolina: Raleigh, North Carolina Museum of Natural History.
Location: System-Wide
Topic: Land-Use Effects
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Location: System-Wide
Topic: Land-Use Effects (wetlands)
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Location: System-Wide
Topic: Water Quality
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Location: System-Wide
Topic: Water Quality
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Location: System-Wide
Topic: Water Quality, Land-Use Effects, Hydrology/Hydrodynamic
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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: Albemarle Sound
Topic: Water Quality, Land-Use Effects, Hydrology/Hydrodynamics

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 Location: Pamlico River
 Topic: Water Quality, Land-Use Effects, Hydrology/Hydrodynamics
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 Location: Pamlico Sound
 Topic: Water Quality (salinity), Hydrology/Hydrodynamics
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 Location: System-Wide
 Topic: Land-Use Effects (silviculture)
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 Location: Neuse River
 Topic: Water Quality (sediments)
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 Location: System-Wide
 Topic: Land-Use Effects (wetlands)
- Craig, J.B., 1973, Dismal's bright future: American Forestry Association, v. 79, p. 10-11.
 Location: Dismal Swamp
 Topic: Land-Use Effects (wetlands)
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 Location: Chowan River
 Topic: Land-Use Effects, Water Quality (nutrients)
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 Location: Currituck Sound
 Topic: Water Quality (macrophytes)
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 Location: System-Wide
 Topic: Land-Use Effects (silviculture)

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Location: Pamlico Sound
Topic: Water Quality (invertebrates)
- Cumming, W.P., 1966, North Carolina in maps: Raleigh, North Carolina, State Department of Archives and History, (Set of fifteen maps plus text).
Location: System-Wide
Topic: Land-Use Effects, Artificial Drainage
- Custer, E.S., and Ingram, R.L., 1974, Influence of sedimentary processes on grain size distribution curves of bottom sediment in the sounds and estuaries of North Carolina: Raleigh, Report No. UNC-SG-74-13, University of North Carolina Sea Grant College Program, 88 p.
Location: System-Wide
Topic: Water Quality (sediments)
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Location: Carteret County
Topic: Land-Use Effects (mining)
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Location: Chowan River
Topic: Hydrology/Hydrodynamics
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Topic: Land-Use Effects

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 Topic: Land-Use Effects (mining)
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 Topic: Water Quality (shoreline change)
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Topic: Water Quality

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Topic: Land-Use Effects (wetlands)
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 Topic: Land-Use Effects
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 Location: Pamlico Sound
 Topic: Water Quality (salinity)
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 Location: Currituck Sound
 Topic: Water Quality (macrophytes)
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 Topic: Water Quality (macrophytes)

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 Location: System-Wide
 Topic: Hydrology/Hydrodynamics, Water Quality
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 Topic: Water Quality (sediments)
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 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects (agriculture)
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 Topic: Water Quality (nutrients), Ground Water
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 Topic: Land-Use Effects, Water Quality (nutrients)
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 Topic: Artificial Drainage, Hydrology/Hydrodynamics, Water Quality (nutrients)
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 Topic: Land-Use Effects, Artificial Drainage
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 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects, Artificial Drainage
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 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects, Artificial Drainage

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Location: System-Wide
Topic: Hydrology/Hydrodynamics
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Location: Core Sound
Topic: Hydrology/Hydrodynamics, Land-Use Effects (wetlands)
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Location: Bogue Sound
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Location: Currituck Sound
Topic: Water Quality (shoreline change)
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Location: System-Wide
Topic: Water Quality
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Location: Offshore
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Location: System-Wide
Topic: Hydrology/Hydrodynamics
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Location: Barrier Islands
Topic: Water Quality (sediments)
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Location: System-Wide
Topic: Land-Use Effects
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (agriculture, wetlands)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (wetlands), Artificial Drainage

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Location: Pamlico Sound
Topic: Hydrology/Hydrodynamics
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Location: Pamlico River
Topic: Geology, Water Quality (sediments, shoreline changes)
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Topic: Water Quality (sediments)
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Topic: Hydrology/Hydrodynamics
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Location: Barrier Islands
Topic: Ground Water

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Location: Barrier Islands
Topic: Ground Water
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Location: Pasquotank County
Topic: Ground Water
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Location: System-Wide
Topic: Land-Use Effects (wetlands), Artificial Drainage
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Location: Pamlico Sound
Topic: Water Quality (nutrients, phytoplankton)
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Location: Pamlico River
Topic: Water Quality (nutrients)
- 1983, Nitrogen in the marine environment, *in* Carpenter, E.J., and Capone, D.G., eds., Nitrogen in the marine environment: New York, Academic Press, p. 763-808.
Location: System-Wide
Topic: Water Quality (nutrients)
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Topic: Hydrology/Hydrodynamics
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Topic: Water Quality (sediments)

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 Topic: Land-Use Effects (agriculture)
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 Topic: Water Quality (macrophytes)
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 Topic: Water Quality
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 Location: System-Wide
 Topic: Land-Use Effects (wetlands)
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 Location: Barrier Islands
 Topic: Hydrology/Hydrodynamics (meteorology)
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 Location: Barrier Islands
 Topic: Water Quality (shoreline change)
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 Topic: Geology
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 Topic: Water Quality (shoreline changes)
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 Location: Chowan County
 Topic: Land-Use Effects

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Location: Pungo River
Topic: Water Quality (sediments)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects
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Location: System-Wide
Topic: Ground Water
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Location: Bogue Sound
Topic: Water Quality (sediments)
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Topic: Land-Use Effects (urbanization)
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Location: System-Wide
Topic: Water Quality
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Location: Barrier Islands
Topic: Water Quality (shoreline change)
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Location: Bogue Sound
Topic: Water Quality
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Location: Roanoke River
Topic: Hydrology/Hydrodynamics

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Topic: Water Quality, Hydrology/Hydrodynamics
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Location: Albemarle Sound, Neuse River
Topic: Water Quality
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Location: System-Wide
Topic: Hydrology/Hydrodynamics
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Location: System-Wide
Topic: Hydrology/Hydrodynamics
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Topic: Water Quality
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Location: Beaufort County
Topic: Land-Use Effects (mining)
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Location: Barrier Islands
Topic: Hydrology/Hydrodynamics
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Location: Barrier Islands, Pamlico Sound, Albemarle Sound, Core Sound
Topic: Hydrology/Hydrodynamics
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Topic: Hydrology/Hydrodynamics

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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality (salinity)
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Topic: Water Quality (phytoplankton)
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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality (nutrients)
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Location: System-Wide
Topic: Water Quality (nutrients)
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Topic: Water Quality (nutrients)
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Topic: Water Quality (nutrients)

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 Location: Neuse River
 Topic: Water Quality (nutrients)
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 Location: System-Wide
 Topic: Hydrology/Hydrodynamics
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 Location: Washington County
 Topic: Water Quality
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 Location: Chowan River
 Topic: Water Quality
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 Location: Chowan River
 Topic: Water Quality (nutrients)
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 Location: Chowan River
 Topic: Water Quality (point sources)
- Holmes, R.N., 1977, Phosphorus cycling in an alluvial swamp forest in the North Carolina Coastal Plain: Greenville, unpublished M.S. thesis, East Carolina University, 92 p.
 Location: Pitt County
 Topic: Water Quality (nutrients)
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 Topic: Hydrology/Hydrodynamics
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 Location: Neuse River
 Topic: Water Quality

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 Location: Pamlico River
 Topic: Hydrology/Hydrodynamics
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 Location: Barrier Islands
 Topic: Water Quality (shoreline changes)
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 Location: Bogue Sound
 Topic: Water Quality (phytoplankton)
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 Location: Albemarle-Pamlico Peninsula
 Topic: Artificial Drainage, Land-Use Effects
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 Location: System-Wide
 Topic: Water Quality
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 Location: Neuse River
 Topic: Water Quality (nutrients)
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 Location: Chowan River
 Topic: Land-Use Effects, Water Quality
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 Location: System-Wide
 Topic: Water Quality
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 Location: Chowan River
 Topic: Land-Use Effects

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Location: Chowan River
Topic: Land-Use Effects (agriculture)
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Location: Pamlico Sound
Topic: Water Quality (salinity)
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Location: Bogue Sound
Topic: Water Quality (sediments)
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Location: System-Wide
Topic: Water Quality (sediments)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (mining)
- ____1981a, Peat deposits of Croatan Forest, Craven, Jones, and Carteret Counties, North Carolina: Raleigh, Contract No. DE-AC01-79ET-14693, U.S. Department of Energy, North Carolina Energy Institute, 20 p.
Location: Craven County, Jones County, Carteret County
Topic: Land-Use Effects (mining)
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Location: Dismal Swamp
Topic: Land-Use Effects (mining)
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Topic: Land-Use Effects (mining)
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Topic: Land-Use Effects (mining)

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 Topic: Water Quality
- 1977, Interim report for research on the ecology of the Pamlico River Estuary, for the period November 5, 1976 to August 10, 1977: Greenville, North Carolina, East Carolina University, 22 p.
 Location: Pamlico River
 Topic: Water Quality
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 Topic: Water Quality
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 Topic: Water Quality
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 Topic: Water Quality
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 Location: Chowan River
 Topic: Hydrology/Hydrodynamics
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 Location: System-Wide
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 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects, Water Quality (nutrients)

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Topic: Hydrology/Hydrodynamics
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Location: Barrier Islands, Offshore
Topic: Hydrology/Hydrodynamics
- Johnson, F.K., 1959, The sediments of the Newport River Estuary, Morehead City, North Carolina: Chapel Hill, unpublished M.S. thesis, University of North Carolina, 36 p.
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- Johnson, J.C., and Perdue, R.R., 1986, Marine recreational fishing, marine manufacturers, and marinas in North Carolina--an economic characterization: Raleigh, Report No. UNC-SG-WP-86-3, University of North Carolina Sea Grant College Program, North Carolina State University, 58 p.
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Topic: Land-Use Effects (urbanization)
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Location: Currituck Sound
Topic: Water Quality (salinity)
- , 1963, Annual progress report--Currituck Sound investigations, March 7, 1962 to March 6, 1963: Raleigh, Project F-13-R, Fisheries Research Investigations, North Carolina Wildlife Resources Commission.
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Topic: Water Quality (salinity)
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Location: Pamlico Sound
Topic: Artificial Drainage, Land-Use Effects
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Topic: Water Quality (sediments, nutrients)

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Topic: Land-Use Effects
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Topic: Water Quality
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Topic: Land-Use Effects
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Topic: Ground Water
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Location: System-Wide
Topic: Ground Water
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Topic: Geology
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Location: Pamlico Sound, Albemarle Sound
Topic: Geology
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Location: Barrier Islands
Topic: Land-Use Effects

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Topic: Land-Use Effects (wetlands)
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Location: Chowan River
Topic: Water Quality (point sources)
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Topic: Water Quality (macrophytes)
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Location: Barrier Islands
Topic: Geology
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Location: Neuse River
Topic: Water Quality (salinity)
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Topic: Water Quality
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Location: Beaufort County
Topic: Geology
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Location: Beaufort County
Topic: Geology

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 Location: Neuse River
 Topic: Land-Use Effects (agriculture), Artificial Drainage
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 Location: Dismal Swamp
 Topic: Hydrology/Hydrodynamics, Water Quality, Land-Use Effects
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 Topic: Water Quality
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 Topic: Hydrology/Hydrodynamics

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Location: Barrier Islands
Topic: Water Quality (shoreline changes)
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Topic: Hydrology/Hydrodynamics
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Location: System-Wide
Topic: Water Quality (shoreline changes)
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Location: System-Wide
Topic: Geology
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (agriculture, wetlands)
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Location: Barrier Islands
Topic: Ground Water
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Location: Bertie County
Topic: Land-Use Effects (wetlands)
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Location: Pamlico River
Topic: Water Quality (nutrients)

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Location: Chowan River
Topic: Land-Use Effects, Water Quality (nutrients)
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Location: Albemarle-Pamlico Peninsula
Topic: Artificial Drainage
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Location: Chowan River
Topic: Water Quality (phytoplankton)
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Topic: Artificial Drainage, Land-Use Effects
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Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality (nutrients, phytoplankton)
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Location: Chowan River
Topic: Water Quality (nutrients, phytoplankton, sediments)

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 Location: System-Wide
 Topic: Water Quality
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 Location: System-Wide
 Topic: Geology, Land-Use Effects
- Langfelder, J., French, T., McDonald, R., and Ledbetter, R., 1974, A historical review of some of North Carolina's coastal inlets: Raleigh, Report No. 74-1, Center for Marine and Coastal Studies, North Carolina State University, 43 p.
 Location: System-Wide
 Topic: Water Quality (shoreline changes)
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 Location: System-Wide
 Topic: Water Quality (shoreline changes)
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 Location: Barrier Islands
 Topic: Water Quality (shoreline change)
- Laniak, G.F., 1980, Nutrient loadings to Albemarle Sound and Pamlico Sound, North Carolina: Alexandria, Virginia, GKY and Associates, report to Division of Environmental Management, North Carolina Department of Natural Resources and Community Development.
 Location: Albemarle Sound, Pamlico Sound
 Topic: Water Quality (nutrients)
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 Location: Neuse River
 Topic: Water Quality (phytoplankton)
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 Location: Perquimans County, Pasquotank County
 Topic: Land-Use Effects
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 Location: Carteret County
 Topic: Artificial Drainage

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 Location: Pamlico River
 Topic: Water Quality (nutrients)
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 Location: Chowan River
 Topic: Water Quality (nutrients)
- Lee, W.D., 1955, The soils of North Carolina, their formation, identification, and use: Raleigh, Technical Bulletin 115, North Carolina Agricultural Experiment Station, 187 p.
 Location: System-Wide
 Topic: Land-Use Effects
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 Location: Barrier Islands
 Topic: Land-Use Effects
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 Location: System-Wide
 Topic: Land-Use Effects (wetlands)
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 Location: Dismal Swamp
 Topic: Hydrology/Hydrodynamics
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 Location: System-Wide
 Topic: Land-Use Effects
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 Location: System-Wide
 Topic: Land-Use Effects
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 Location: System-Wide
 Topic: Ground Water

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 Location: System-Wide
 Topic: Land-Use Effects (urbanization)
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 Location: Roanoke River
 Topic: Water Quality
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 Location: System-Wide
 Topic: Land-Use Effects
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 Location: Chowan County
 Topic: Ground Water
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 Location: Barrier Islands
 Topic: Ground Water
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 Location: Beaufort County
 Topic: Ground Water
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 Location: System-Wide
 Topic: Ground Water, Geology
- Lloyd, O.B., Jr., and Wilder, H.B., 1968, Ground-water supply of Cape Hatteras National Seashore recreational area, North Carolina--Pt. 4, Fort Raleigh National Historic Site: Raleigh, Report on Investigation 5., Division of Ground Water, North Carolina Department Water and Air Resources, 19 p.
 Location: Barrier Islands
 Topic: Ground Water
- Loftin, L.K., 1985, Water chemistry of the pocosins of the Croatan National Forest, Carteret, Craven, and Jones Counties, North Carolina: Greenville, unpublished M.S. thesis, Department of Geology, East Carolina University, 88 p.
 Location: Carteret County, Craven County, Jones County
 Topic: Water Quality, Land-Use Effects (wetlands)

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 Location: Pasquotank County
 Topic: Ground Water
- Lugo, A.E., and Brinson, M.M., 1979, Calculations of the value of salt water wetlands, *in* Greeson, P.E., Clark, J.R., and Clark, J.E., eds., Wetland functions and values--the state of our understanding: Minneapolis, Minnesota, American Water Resources Association, p. 120-130.
 Location: System-Wide
 Topic: Land-Use Effects (wetlands)
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 Location: Albemarle-Pamlico Peninsula
 Topic: Land-Use Effects (wetlands, silviculture, agriculture)
- Lung, W., and Paerl, H.W., 1987, Modeling blue-green algal blooms in the lower Neuse River, North Carolina: Environmental Science and Technology.
 Location: Neuse River
 Topic: Water Quality (nutrients, phytoplankton)
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 Location: System-Wide
 Topic: Geology
- Lynch, J.M., and Peacock, S.L., 1982a, Natural areas inventory of Hyde County, North Carolina: Raleigh, Report No. 28, Coastal Energy Impact Program, Office of Coastal Management, North Carolina Department of Natural Resources and Community Development, 211 p.
 Location: Hyde County
 Topic: Land-Use Effects
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 Location: Washington County
 Topic: Land-Use Effects
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 Location: Chowan River
 Topic: Water Quality (nutrients, phytoplankton)
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 Location: Neuse River
 Topic: Water Quality

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Location: System-Wide
Topic: Land-Use Effects
- Maki, T.E., and others, 1980, Effects of stream channelization on bottomland and swamp forest ecosystems: Raleigh, Report No. UNC-WRRI-80-147, Water Resources Research Institute, North Carolina State University, 135 p.
Location: System-Wide
Topic: Artificial Drainage, Land-Use Effects (wetlands)
- Mann, L.T., Jr., 1978, Public water supplies of North Carolina, a summary of water sources, use, treatment, and capacity of water supply systems: U.S. Geological Survey Water-Resources Investigations Report 78-16, 61 p.
Location: System-Wide
Topic: Water Quality
- Manooch, C.S., III, 1973, Food habits of yearling and adult striped bass, Morone saxatilis (Walbaum), from Albemarle Sound, North Carolina: Chesapeake Science, v. 14, p. 73-86.
Location: Albemarle Sound
Topic: Water Quality
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Location: Pamlico Sound
Topic: Land-Use Effects (wetlands)
- Marshall, M.D., 1976, Anadromous fisheries research program-Neuse River: Morehead City, Progress Report for Project AFCS-13-1, Division of Marine Fisheries, North Carolina Department of Natural Resources and Community Development, 70 p.
Location: Neuse River
Topic: Water Quality
- Marshall, N., 1951, Hydrography of North Carolina marine waters, *in* Taylor, H.F., ed., Survey of marine fisheries of North Carolina: Chapel Hill, University of North Carolina, p. 1-76.
Location: Pamlico Sound, Albemarle Sound
Topic: Hydrology/Hydrodynamics, Water Quality (salinity)
- Matson, E.A., and Brinson, M.M., 1982, Sulfate enrichment in bottom and sediment pore waters of the Neuse and Pamlico Estuaries of North Carolina [abs]: EOS, v. 63, p. 57.
Location: Neuse River, Pamlico River
Topic: Water Quality (sediments)
- Matson, E.A., Brinson, M.M., Cahoon, D.D., and Davis, G.J., 1983, Biogeochemistry of the sediments of the Pamlico and Neuse River Estuaries, North Carolina: Raleigh, Report No. UNC-WRRI-83-191, Water Resources Research Institute, North Carolina State University, 103 p.
Location: Pamlico River, Neuse River
Topic: Water Quality (sediments)

- Matson, E.A., Heath, J.K., Brinson, M.M., and Christian, R.R., 1983, Benthic metabolism in the Pamlico River Estuary, North Carolina [abs]: Estuaries, v. 6, p. 294.
Location: Pamlico River
Topic: Water Quality (sediments)
- McAtee, W.L., 1919, Notes on the flora of Churches Island, North Carolina: Journal of the Elisha Mitchell Scientific Society, v. 35, p. 61-75.
Location: Barrier Islands
Topic: Land-Use Effects
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- Reilly, F.J., Jr., and Bellis, V.J., 1978, A study of the ecological impact of beach nourishment with dredged materials on the intertidal zone: Greenville, North Carolina, Technical Report 78-04, Institute for Coastal and Marine Resources, East Carolina University, 107 p.
 Location: Barrier Islands
 Topic: Water Quality (invertebrates, sediments)
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 Location: System-Wide
 Topic: Hydrology/Hydrodynamics
- Reves, W.D. Jr., 1956, The clay minerals of the North Carolina Coastal Plain: Chapel Hill, unpublished M.S. thesis, University of North Carolina, 46 p.
 Location: System-Wide
 Topic: Geology
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 Location: System-Wide
 Topic: Land-Use Effects

- Richards, H.G., 1950, Geology of the Coastal Plain of North Carolina: Transactions of the American Philosophical Society, v. 40, pt. 1, 83 p.
Location: System-Wide
Topic: Geology
- ____ 1967a, Tertiary history of the Atlantic coast between Cape Cod and Cape Hatteras [abstract]: Tertiary Sea-Level Symposium, Coastal Research Notes, v. 2, no. 4, p. 7.
Location: Barrier Islands
Topic: Geology
- ____ 1967b, Stratigraphy of Atlantic Coastal Plain between Long Island and Georgia--review: Bulletin of the American Association of Petroleum Geologists, v. 51, no. 12, p. 2400-2429.
Location: System-Wide
Topic: Geology
- ____ 1972, Developments on Atlantic Coastal Plain between New Jersey and South Carolina in 1971: Bulletin of the American Association of Petroleum Geologists, v. 56, no. 7, p. 1329-1330.
Location: System-Wide
Topic: Geology
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (wetlands)
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Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (wetlands)
- ____ 1983, Pocosins--vanishing wastelands or valuable wetlands?: Bioscience, v. 33, p. 626-633.
Location: System-Wide
Topic: Land-Use Effects (wetlands)
- ____ 1985, Mechanisms controlling phosphorus retention capacity in freshwater wetlands: Science, v. 228, p. 1424-1427.
Location: System-Wide
Topic: Water Quality (nutrients), Land-Use Effects (wetlands)
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Location: System-Wide
Topic: Land-Use Effects (wetlands)
- Richardson, C.J., Romano, B., Davis, J., and Gilbert, B., 1986, Water management plan with hydrology simulations for Whitetail Farm pocosin, Hyde County, North Carolina: Raleigh, Water Management Report to the North Carolina Department of Natural Resources and Community Development.
Location: Hyde County
Topic: Land-Use Effects (wetlands), Hydrology/Hydrodynamics

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Location: Pamlico Sound

Topic: Geology

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Location: System-Wide

Topic: Geology

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Location: System-Wide

Topic: Geology

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Location: System-Wide

Topic: Land-Use Effects (urbanization, mining)

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Location: Dare County

Topic: Water Quality (sediments)

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Location: System-Wide

Topic: Water Quality

Riley, W.H., 1947, Hydrologic data on the Neuse River basin, 1866-1945: Raleigh, North Carolina Department of Conservation and Development, Division of Water Resources Engineering, 116, p.

Location: Neuse River

Topic: Hydrology/Hydrodynamics, Water Quality

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Location: System-Wide

Topic: Geology

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Location: Offshore

Topic: Water Quality (sediments)

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 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
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 Location: Pamlico Sound
 Topic: Land-Use Effects, Water Quality (salinity)
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 Location: Newport River
 Topic: Water Quality (macrophytes)
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 Location: Barrier Islands
 Topic: Water Quality (shoreline changes)
- Rulifson, R.A., 1985, Distribution and abundance of fishes in tributaries of South Creek Estuary, North Carolina: Journal of the Elisha Mitchell Scientific Society, v. 101, no. 2, p. 160-176.
 Location: Neuse River
 Topic: Water Quality
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 Location: Beaufort County
 Topic: Water Quality (invertebrates)
- Sauer, M.M., and Kuenzler, E.J., 1981, Algal assay studies of the Chowan River, North Carolina: Raleigh, Report No. UNC-WRRI-81-161, Water Resources Research Institute, North Carolina State University, 78 p.
 Location: Chowan River
 Topic: Water Quality (phytoplankton)
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 Location: Pamlico River
 Topic: Water Quality (point sources, phytoplankton)
- Scarborough, J.C., ed., 1883, Report on the swamplands of North Carolina belonging to the State Board of Education: Raleigh, 81 p.
 Location: System-Wide
 Topic: Land-Use Effects (wetlands)

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Location: System-Wide

Topic: Land-Use Effects

Schwartz, F.J., 1973, Biological and environmental assessment of four navigation improvement areas in Croatan, Roanoke, and Pamlico Sounds, North Carolina: Chapel Hill, Institute of Marine Science, University of North Carolina, 31 p.

Location: Pamlico Sound

Topic: Water Quality

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Location: System-Wide

Topic: Land-Use Effects, Water Quality (salinity)

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Location: System-Wide

Topic: Water Quality

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Location: System-Wide

Topic: Water Quality (salinity)

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Location: Barrier Islands

Topic: Geology

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Topic: Land-Use Effects (wetlands)

Sharitz, R.R., and Gibbons, J.W., 1982, The ecology of southeastern shrub bogs (pocosins) and Carolina bays--a community profile: Washington, D.C., Report No. FWS/OBS-82/04, U.S. Fish and Wildlife Service, 93 p.

Location: System-Wide

Topic: Land-Use Effects (wetlands)

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Location: System-Wide

Topic: Land-Use Effects

- Shaw, S.P., and Fredine, C.G., 1956, Wetlands of the United States--their extent and their value to waterfowl and other wildlife: Washington, D.C., Circular 39, U.S. Fish and Wildlife Service, 67 p.
 Location: System-Wide
 Topic: Land-Use Effects (wetlands)
- Shearin, A.E., Covington, J.P., and Vaden, J.H., 19__, Soil survey of Pasquotank County, North Carolina: Washington, D.C., Soil Conservation Service, U.S. Department of Agriculture, 58 p.
 Location: Pasquotank County
 Topic: Land-Use Effects
- Sheets, T.J., Jackson, M.D., and Phelps, L.D., 1970, Water monitoring system for pesticides in North Carolina: Raleigh, Report No. 19, Water Resources Research Institute, North Carolina State University, 59 p.
 Location: System-Wide
 Topic: Water Quality
- Sherk, J.A. Jr., 1969, Effects of low levels of phosphate mining effluent on periphyton in controlled artificial estuaries: Raleigh, unpublished Ph.D dissertation, Department of Zoology, North Carolina State University, 82 p.
 Location: Pamlico River
 Topic: Water Quality (nutrients, phytoplankton)
- Sherwani, J.K., 1973, Computer simulation of ground water aquifers on the Coastal Plain of North Carolina: Raleigh, Report No. 75, Water Resources Research Institute, North Carolina State University 126 p.
 Location: System-Wide
 Topic: Ground Water
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 Location: System-Wide
 Topic: Ground Water
- Sholar, T.M., 1980, Preliminary analysis of salinity levels for the Pamlico Sound area: Morehead City, Division of Marine Fisheries, North Carolina Department of Natural Resources and Community Development, 11 p.
 Location: Pamlico Sound
 Topic: Water Quality (salinity)
- Show, B.C., 1955, Effects of hurricanes on North Carolina beaches: Shore and Beach, v. 23, no. 2, p. 14-17.
 Location: Barrier Islands
 Topic: Water Quality (shoreline changes)
- Sick, E.L., 1977, Dissolved organic carbon in a North Carolina estuary: Raleigh, unpublished M.S. thesis, Department of Zoology, North Carolina State University, 80 p.
 Location: Pamlico River
 Topic: Water Quality

- Sirriner, J.E., 1980, Conceptual study for control of nonpoint source discharge of nitrogen to the Chowan River from the C.F. Industries site: Research Triangle Park, North Carolina, Sirriner Job No. R-1553, J.E. Sirriner Company.
 Location: Chowan River
 Topic: Water Quality (nutrients)
- Simmons, C.E., 1976, Sediment characteristics of streams in the eastern Piedmont and western Coastal Plain regions of North Carolina: U.S. Geological Survey Water-Supply Paper 1798-0.
 Location: System-Wide
 Topic: Water Quality (sediment)
- _____, 1988, Sediment characteristics of streams in North Carolina, 1970-79: U.S. Geological Survey Open-File Report 87-701.
 Location: System-Wide
 Topic: Water Quality (sediments)
- Simmons, C.E., and Aldridge, M.S., 1980, Hydrology of the Chicod Creek basin, North Carolina, prior to channel improvement: U.S. Geological Survey Open-File Report 80-680.
 Location: Pitt County
 Topic: Land-Use Effects, Artificial Drainage
- Simmons, C.E., and Heath, R.L., 1982, Water quality characteristics of streams in forested and rural areas of North Carolina: U.S. Geological Survey Professional Paper 2185-B, 49 p.
 Location: System-Wide
 Topic: Water Quality
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 Location: Currituck Sound
 Topic: Water Quality
- Singer, J.J., and Knowles, C.E., 1975, Hydrology and circulation patterns in the vicinity of Oregon Inlet and Roanoke Island, North Carolina: Raleigh, Report No. UNC-SG-75-15, University of North Carolina Sea Grant College Program, North Carolina State University, 171 p.
 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
- Sinha, E.Z., 1959, Geomorphology of the lower Coastal Plain from the Savannah River area, Georgia, to the Roanoke River area, North Carolina: Chapel Hill, unpublished Ph.D dissertation, University of North Carolina, 132 p.
 Location: System-Wide
 Topic: Geology
- Skaggs, R.W., 1978, A water management model for shallow water table soils: Raleigh, Report No. 134, Water Resources Research Institute, North Carolina State University, 178 p.
 Location: System-Wide
 Topic: Land-Use Effects, Hydrology/Hydrodynamics

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Location: System Wide
Topic: Land-Use Effects, Hydrology/Hydrodynamics
- Skaggs, R.W., Daniels, R.B., and Gamble, E.F., Nitrogen in sediment movement to Chowan River at C.F. Industries, Inc., fertilizer plant in Hertford, N.C.: Raleigh, Report to North Carolina Division of Water and Air Resources, North Carolina State University.
Location: Chowan River
Topic: Water Quality (nutrients)
- Skaggs, R.W., and Gilliam, J.W., 1981, Effect of drainage system design and operation on nitrate transport: Transactions of the American Society of Agricultural Engineers, v. 24, no. 4, 929-934.
Location: Albemarle-Pamlico Peninsula
Topic: Hydrology/Hydrodynamics, Water Quality (nutrients)
- Skaggs, R.W., Gilliam, J.W., Sheets, T.J., and Barnes, J.S., 1980, Effect of agricultural land development on drainage waters in the North Carolina Tidewater region: Raleigh, Report No. UNC-WRRI-80-159, Water Resources Research Institute, North Carolina State University, 164 p.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects, Water Quality
- Skaggs, R.W., and Kriz, G.J., 1972, Water table control and subsurface irrigation in mineral and high organic Coastal Plain soils: Raleigh, Report No. UNC-72-67, Water Resources Research Institute, North Carolina State University, 63 p.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects, Artificial Drainage
- Skaggs, R.W., and Nassehzadeh-Tabrizi, A., 1983, Optimum drainage for corn production: Raleigh, Technical Bulletin No. 274, North Carolina Agricultural Research Service, North Carolina State University, 41 p.
Location: System-Wide
Topic: Land-Use Effects, Artificial Drainage
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Location: Core Sound
Topic: Water Quality (sediments)
- Skeels, D.C., 1950, Geophysical data on the North Carolina Coastal Plain: Geophysics, v. 15, no. 3, p. 409-425.
Location: System-Wide
Topic: Geology
- Slowey, A., 1971, The effect of wind on beach erosion at Pea Island, North Carolina: Raleigh, unpublished M.S. thesis, North Carolina State University, 43 p.
Location: Barrier Islands
Topic: Water Quality (shoreline changes)

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 Location: Pamlico Sound
 Topic: Hydrology/Hydrodynamics
- Smayda, T.J., 1973, A survey of phytoplankton dynamics in the coastal waters from Cape Hatteras to Nantucket, *in* Coastal and offshore environmental inventory, Cape Hatteras to Nantucket Shoals: Kingston, Marine Publication Series No. 2, University of Rhode Island, p. 3-1 to 3-100.
 Location: Offshore
 Topic: Water Quality (phytoplankton)
- Smith, C.N., Bailey, G.W., Leonard, R.A., and Langdale, G.W., 1978, Transport of agricultural chemicals from small upland Piedmont watersheds: Athens, Georgia, Report No. EPA-600/3-78-056, U.S. Environmental Protection Agency, 364 p.
 Location: System-Wide
 Topic: Water Quality
- Smith, D.D., and Dolan, R.G., 1961, Complications in Barrier Island development along the Outer Banks of North Carolina: Geological Society of America Special Paper No. 68, 80 p.
 Location: Barrier Islands
 Topic: Geology
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 Location: Chowan River
 Topic: Water Quality
- Smith, W.B., and Baker, W.D., 1965, Survey and classification of the Perquimans-Pasquotank-North Rivers and tributaries, North Carolina: Raleigh, Job I-R, Project F-14-R, North Carolina Wildlife Resources Commission, 14 p.
 Location: Perquimans River, Pasquotank River
 Topic: Water Quality
- Smith, W.B., and Bayless, J., 1964, Survey and classification of the Tar River and tributaries, North Carolina: Raleigh, Job I-L, Project F-14-4, North Carolina Wildlife Resources Commission.
 Location: Tar River
 Topic: Water Quality
- Smock, L.A., 1980, Seasonal changes in forms and species of iron and manganese in swamp water and soils. Distribution and budgets of carbon, phosphorous, iron and manganese in a floodplain swamp ecosystem: Raleigh, Report No. UNC-WRRI-80-157, Water Resources Research Institute, North Carolina State University, p. 187-207.
 Location: Pitt County
 Topic: Water Quality (sediments)

- Smock, L.A., and Kuenzler, E.J., 1983, Seasonal changes in the forms and species of iron and manganese in a seasonally-inundated floodplain swamp: Water Research, v. 17, p. 1287-1294.
Location: Pitt County
Topic: Water Quality
- Solliday, J.R., 1962, Biostratigraphy of the lower Neuse River Estuary, Craven and Pamlico Counties, North Carolina: Houston, Texas, unpublished M.S. thesis, University of Houston.
Location: Neuse River
Topic: Geology
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Location: Barrier Islands
Topic: Water Quality (shoreline changes)
- Sopher, C.D., 1969, Factors affecting corn production on selected North Carolina Coastal Plain soils: Raleigh, unpublished Ph.D dissertation, Department of Soil Science, North Carolina State University.
Location: Washington County
Topic: Land-Use Effects
- Spangler, W.B., 1950, Subsurface geology of the Atlantic Coastal Plain of North Carolina: Bulletin of the American Association of Petroleum Geologists, v. 34, no. 1, p. 100-132.
Location: System-Wide
Topic: Geology
- Spinner, G.P., 1969, The wildlife wetlands and shellfish areas of the Atlantic coastal zone: American Geographical Society, Folio 18, Serial Atlas of the Marine Environment, nonpag.
Location: Barrier Islands
Topic: Land-Use Effects (wetlands)
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Location: System-Wide
Topic: Water Quality
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Location: Pamlico Sound
Topic: Land-Use Effects, Water Quality
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Location: Barrier Islands
Topic: Water Quality (shoreline changes)

- 1971, An aerial photographic technique for beach erosion surveys in North Carolina: Fort Belvoir, Virginia, Technical Memorandum 36, U.S. Army Coastal Engineering Research Center, 115 p.
Location: Barrier Islands
Topic: Water Quality (shoreline changes)
- Stanley, D.W., 1981, Impact of pulp and paper mill effluents on the Neuse River Estuary: Raleigh, Report to the Water Resources Research Institute, North Carolina State University.
Location: Neuse River
Topic: Water Quality
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Location: Pamlico River
Topic: Water Quality
- 1983a, Nutrient cycling and phytoplankton growth in the Neuse River, North Carolina: Raleigh, Report No. UNC-WRRI-83-204, Water Resources Research Institute, North Carolina State University, 85 p.
Location: Neuse River
Topic: Water Quality (nutrients)
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Location: Pamlico River
Topic: Water Quality
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Location: Neuse River
Topic: Water Quality (nutrients)
- 1983d, Phytoplankton in the Pamlico River Estuary, 1982: Greenville, North Carolina, Project Completion Report to the North Carolina Phosphate Corporation, Institute for Coastal and Marine Resources, East Carolina University.
Location: Pamlico River
Topic: Water Quality (phytoplankton)
- 1984a, Phytoplankton in the Pamlico River Estuary, 1983: Greenville, North Carolina, Technical Report No. 84-01, Institute for Coastal and Marine Resources, East Carolina University, 335 p.
Location: Pamlico River
Topic: Water Quality (phytoplankton)
- 1984b, Water quality in the Pamlico River Estuary, 1983: Greenville, North Carolina, Technical Report No. 84-02, Institute for Coastal and Marine Resources, East Carolina University.
Location: Pamlico River
Topic: Water Quality

- ____ 1985, Nationwide review of oxygen depletion and eutrophication in estuarine and coastal waters--southern region: Washington, D.C., Completion Report for Contract 186246-S, Ocean Assessment Division, National Ocean Survey, National Oceanic and Atmospheric Administration, 354 p.
 Location: System-Wide
 Topic: Water Quality
- ____ 1986a, Water quality in the Pamlico River Estuary, 1984: Greenville, North Carolina, Technical Report 86-01, Institute for Coastal and Marine Resources, East Carolina University, 62 p.
 Location: Pamlico River
 Topic: Water Quality
- ____ 1986b, Water quality in the Pamlico Estuary--a report to Texasgulf, Inc.: Greenville, North Carolina, Technical Report 86-04, Institute for Coastal and Marine Research, East Carolina University, 71 p.
 Location: Pamlico River
 Topic: Water Quality (nutrients)
- ____ 1987, Water quality in the Pamlico River Estuary, 1986: Greenville, North Carolina, Technical Report 87-01, Institute for Coastal and Marine Resources, East Carolina University, 77 p.
 Location: Pamlico River
 Topic: Water Quality
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 Location: Neuse River
 Topic: Water Quality (nutrients)
- ____ 1988b, Water quality in the Pamlico River Estuary, 1967-1986--a report to Texasgulf Chemicals Company: Greenville, North Carolina, ICMR Technical Report 88-01, Institute for Coastal and Marine Resources, East Carolina University, 199 p.
 Location: Pamlico River
 Topic: Water Quality
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 Location: Neuse River
 Topic: Water Quality (nutrients, phytoplankton)
- ____ 1984, Nutrients in estuaries--research needs and priorities, *in* Copeland, B.J., Hart, K., Davis, N., and Friday, S., eds., Research for managing the nation's estuaries: Raleigh, Report No. UNC-SG-84-08, University of North Carolina Sea Grant College Program, North Carolina State University, p. 203-219.
 Location: System-Wide
 Topic: Water Quality (nutrients)

- Stanley, D.W., and Daniel, D.A., 1985a, Seasonal phytoplankton density and biomass changes in South Creek, North Carolina: Journal of the Elisha Mitchell Scientific Society, v. 101, no. 2, p. 130-141.
Location: Pamlico River
Topic: Water Quality (phytoplankton)
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Location: Pamlico River
Topic: Water Quality (phytoplankton)
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Location: Pamlico River
Topic: Water Quality (phytoplankton)
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Location: Chowan River
Topic: Water Quality (nutrients)
- 1981, Nitrogen cycling in a North Carolina coastal river: Limnology and Oceanography, v. 26, p. 30-42.
Location: Chowan River
Topic: Water Quality (nutrients)
- Stearns, D., Ross, S.W., and Miller, J.M., 198_, Review and annotated bibliography of non-commercial invertebrates and associated environmental factors within the estuarine complex of western Pamlico Sound: Raleigh, Sea Grant Publication, University of North Carolina Sea Grant College Program, North Carolina State University.
Location: Pamlico Sound
Topic: Water Quality (invertebrates)
- Stefansson, V., Atkinson, L.P., and Bumpus, D.F., 1971, Hydrographic properties and circulation of the North Carolina shelf and slope waters: Deep Sea Research, v. 18, p. 383-420.
Location: Offshore
Topic: Hydrology/Hydrodynamics
- Stempfli, S., 1979, A preliminary assessment of the environmental impacts of peat mining in North Carolina: Durham, unpublished M.S. thesis, Duke University.
Location: Albemarle-Pamlico Peninsula
Topic: Land-Use Effects (mining)
- Stephens, J.C., 1969, Peat and muck drainage problems: Journal of the Irrigation and Drainage Division, American Society of Civil Engineers, p. 285-305.
Location: Albemarle-Pamlico Peninsula
Topic: Artificial Drainage, Land-Use Effects (mining)

- Stephenson, R., O'Rear, C., Jr., and Kornegay, W., 1975, Hydrography and nutrients in the Pamlico Estuary, January to June, 1975: Greenville, North Carolina, Institute for Coastal and Marine Resources, East Carolina University.
 Location: Pamlico River
 Topic: Hydrology/Hydrodynamics
- Stick, D., 1958, The Outer Banks of North Carolina 1584-1958: Chapel Hill, The University of North Carolina Press, 352 p.
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 Topic: Land-Use Effects
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Bertie County

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Whaling, P.J., and others, 1977

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EcolSciences Environmental Group, 1981 Perkins, S.O., and others, 1926

Dare County

Allen, C., and others, 1979	Peacock, S.L., and others, 1982a
Chescheir, G.M., and others, 1986, 1987	Peek, H.M., and others, 1972
Daniel, P.B., 1981	Riggs, S.R., and others, 1969
McDowell-Jones, P.A., 1982	U.S. Army Corps of Engineers, 1982
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Noffsinger, R.E., and others, 1984	U.S. Department of the Interior, 1975
	Winner, M.D., 1975

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Lynch, J.M., and others, 1982a	Richardson, C.J., and others, 1986
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Nelson, P.F., 1964	

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Lenoir County

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Miller, J.T., and others, 1937	Peacock, S.L., and others 1982b
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Pasquotank County

Harris, W.H., and others, 1967	Lohman, S.W., 1936
Lapham, J.E., and others, 1905	Shearin, A.E., and others, 19__

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 Rulifson, R.A., 1985
 Schwartz, F.J., 1973
 Schwartz, F.J., and others, 1972
 Sheets, T.J., and others, 1970
 Sick, E.L., 1977
 Simmons, C.E., and others, 1982
 Sincok, J.L., and others, 1966
 Skaggs, R.W., and others, 1980
 Smith, C.N., and others, 1978
 Smith, W.B., 1963
 Smith, W.B., and others, 1964, 1965
 Smock, L.A., and others, 1983
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 Spitsbergen, D., and others, 1974

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Street, M.W., and others, 1975, 1982
Thayer, G.W., 1975
University of Rhode Island, 1973
U.S. Army Corps of Engineers, 1963, 1975a, 1975b, 1976a, 1976d, 1977b, 1977c, 1980a, 1980b, 1983, 1984
U.S. Congress, 1932a, 1970
U.S. Department of Agriculture, 1981a, 1981c
U.S. Department of Commerce, 1982, 1986
U.S. Department of Health, Education and Welfare, 1953-1954
U.S. Department of the Interior, 1976
U.S. Environmental Protection Agency, 1973
Virginia Department of Conservation and Economic Development, 1972
Virginia State Water Control Board, 1976, 1982
Wagner, P., 1973
Wallace, D.H., 1970
Water Resources Research Institute, 19__, 1980, 1982
Weiss, C.M., 1968
Whitney, E.W., and others, 1973
Wilder, H.B., and others, 1971
Winner, M.D., and others, 1977
Winslow, F., 1886, 1887, 1889
Wiser, E.H., 1972, 1975
Wolff, M., 1976
Wood, L.W., 1970
Yonts, W.L., 1971

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Cammen, L.M., 1974, 1979
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Chapin, J.W., 1975
Chynoweth, D.P., 1965
Civils M.F., 1982
Coker, R.E., 1905, 1907
Crump, R.M., 1971
Dean, T.A., and others, 1975
Miller, R.J., 1970
North Carolina Department of Natural Resources and Community Development, 1979a, 1984f, 1985a, 1986b
Pearse, A.S., 1936
Rader, D.N., 1984
Reid, J.W., 1970, 1978
Reilly, F.J., Jr., and others, 1978
Rulifson, R.A., and others, 1985
Stearns, D., and others, 198_
Stuart, H.H., 1975, 1982
Tenore, K.R., 1970a, 1970b, 1972
West, T.L., 1985
Williams, A.B., 1955, 1958, 1959, 1971, 1972a, 1972b
Williams, A.B., and others, 1968a, 1968b, 1972
Williams, R.B., and others, 1967
Wright, S.L., Sr., 1972

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Bellis, V.J., and others, 1985
Blanton, L.R., 1976
Borawa, J.C., and others, 1978
Bourn, W.S., 1929, 1932
Brauner, J.F., 1975
Brinson, M.M., and others, 1976
Broome, S.W., and others, 1973
Brown, C.A., 1959
Burke C.J., 1962
Cammen, L.M., 1974
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Carraway, R.J., and others, 1983
Chamberlain, E.B., 1948
Crowell, T.E., and others, 1967
Davis, G.J., and others, 1976, 1980, 1981, 1985, 1985
Dillon, C.R., 1968
Esch, G.W., and others, 1980
Gaither, A.C., 1985
Getsinger, K.D., 1976
Getsinger, K.D., and others, 1982
Harwood, J.E., 1975
Kearson, L.L., 1976
Knowles, C.E., 1976
Montague, K.A., and others, 1980
North Carolina Department of Natural Resources and Community Development, 1985b
Reed, J.F., 1947
Reed, S.E., 1979
Ruble, P., and others, 1978
Twilley, R.R., 1976
Twilley, R.R., and others, 1985

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| Vicars, T.M., 1976a, 1976b | Williams, R.B., 1972 |
| Virginia Bureau of Sport Fisheries
and Wildlife, 1961 | Zamuda, C.D., 1976 |
| Waits, E.D., 1967 | Zieman, J.C., and others, 1978 |

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| Albert, D.B., 1980 | Laniak, G.F., 1980 |
| Allgood, G.S., 1983 | Lauria, D.T., and others, 1980 |
| Amein, M., and others, 1979 | Lauritsen, D.D., and others, 1983 |
| Balducci, C.F., 1982 | Lung, W., and others, 1987 |
| Boynton, W.R., and others, 1982 | Mackintosh, S., and others, 1980 |
| Bowden, W.B., and others, 1977 | Mulholland, P.J., 1979, 1981 |
| Bradshaw, H.D., 1977 | Mulholland, P.J., and others, 1979,
1981 |
| Brinson, M.M., 1977 | Nixon, S.W., 1983 |
| Brinson, M.M., and others, 1976, 1980,
1981, 1981, 1983, 1984 | North Carolina Department of Natural
and Economic Resources, 1973 |
| Burke, W.A., 1978 | North Carolina Department of Natural
Resources and Community Development,
1979f, 1980a, 1981b, 1982c, 1982d,
1982e, 1982f, 1983c, 1984a, 1986a,
1986c, 1987b, 1988 |
| Byron, M.M., 1968 | Omernick, J.M., 1976 |
| Cabaniss, S.E., 1982 | Paerl, H.W., 1983a, 1984, 1987 |
| Campbell, P.H., 1973 | Qualls, R.G., 1981 |
| Carpenter, E.J., 1970, 1971 | Richardson, C.J., 1985 |
| Chang, S.Y., 1977 | Sherk, J.A., Jr., 1969 |
| Copeland, B.J., and others, 1972 | Sirriner, J.E., 1980 |
| Craig, N.J., and others, 1983 | Skaggs, R.W., and others, 1981 |
| Davis, G.J., and others, 1978, 1985 | Stanley, D.W., 1983a, 1983c, 1986b,
1988a |
| Davis, H.L., 1968 | Stanley, D.W., and others, 1977, 1981,
1983, 1984 |
| Duda, A.M., 1982 | Stone, K.L., 1982 |
| Duda, A.M., and others, 1982 | Taft, J.L., and others, 1976 |
| Estes, J.A., 1981 | Tedder, S.W., and others, 1980 |
| Fisher, T.R., and others, 1982a, 1982b | Thayer, G.W., 1971, 1974 |
| Gilliam, J.W., and others, 1973, 1974,
1983, 1985 | Union Camp Corporation, 1979, 1981 |
| Harms, L.L., 1975 | Upchurch, J.B., 1972 |
| Harrison, W.G., 1973, 1974, 1983 | Upchurch, J.B., and others, 1974 |
| Harrison, W.G., and others, 1974 | Vicars, T.M., and others, 1976 |
| Hobbie, J.E., 1969, 1970a, 1972, 1974a,
1974b | Virginia State Water Control Board,
1985 |
| Hobbie, J.E., and others, 1972, 1975
1975 | Windom, H.L., and others, 1975 |
| Holman, R., and others, 1980 | Witherspoon, A.M., and others, 1982 |
| Holmes, R.N., 1977 | Yarbro, L.A., 1979 |
| Humenick, F.J., and others, 1984 | Yarbro, L.A., and others, 1981, 1984 |
| Jacobs, T.C., and others, 1983 | |
| Jurgensen, M., 19__ | |
| Klump, J.V., and others, 1981 | |
| Kuenzler, E.J., and others, 1979,
1980, 1982, 1984, 1986 | |

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| Bellis, V.J., 1971 | Carpenter, E.J., 1970, 1971 |
| Boody, O.C., 1979 | Christian, R.R., and others, 1985 |
| Campbell, P.H., 1973 | Grimes, B.H., 1979 |

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Hobbie, J.E., 1971
Hoyt, W.D., 1921
Kuenzler, E.F., and others, 1979, 1980, 1982
Lapennas, P.P., 1980
Lung, W., and others, 1987
Mackintosh, S., and others, 1980
North Carolina Department of Natural Resources and Community Development, 1978a, 1978b, 1978c, 1979d, 1982f, 1982h, 1984a, 1984b, 1986c, 1987a
Otte, A.M., and others, 1985
Overton, J., 1981
Paerl, H.W., 1982, 1983a, 1983b, 1984, 1987
Paerl, H.W., and others, 1982, 1983, 1984, 1985
Sauer, M.M., and others, 1981
Saunders, J.G., and others, 1979
Sherk, J.A., Jr., 1969
Smayda, T.J., 1973
Stanley, D.W., 1983d, 1984a
Stanley, D.W., and others, 1983, 1985a, 1985b, 1986
Thayer, G.W., 1971
Whitford, L.A., and others, 1963, 1969
Williams, R.B., and others, 1966
Witherspoon, A.M., and others, 1979

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- Everett, G., 1982
Holman, R., and others, 1981
Kearson, L., 1971
Nierstedt, R.J., and others, 1980
North Carolina Department of Natural Resources and Community Development, 1979a, 1980a, 1981b, 1982d, 1982e, 1982j, 1983a, 1987b
Saunders, J.G., and others, 1979
Union Camp Corporation, 1979
U.S. Public Health Service, 1958
Whaling, P.J., and others, 1977

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Brinson, M.M., and others, 1985
Chamberlain, E.B., 1948
City of Virginia Beach, 1978
Copeland, B.J., and others, 1969
Davis, G.J., and others, 1985
Gerry, L.R., 1981
Hobbie, J.E., 1970b
Hunt, J.H., and others, 1980
Johnston, K.H., and others, 19__
Keup, L., and others, 1964
Knowles, C.E., 1976
Marshall, N., 1951
Norman, M.D., and others, 1979, 1980
North Carolina Department of Natural Resources and Community Development, 1987b
North Carolina Fisheries Commission Board, 1923
North Carolina Wildlife Resources Commission, 1971b
Paerl, H.W., and others, 1984
Phillips, J.D., 1982
Ross, S.W., and others, 1986
Schwartz, F.J., 1981
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Sholar, T.M., 1980
U.S. Geological Survey, 1970
Williams, A.B., and others, 1973

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- Albert, D.B., 1980
Allen, D.W., 1964
Baker, W.D., 1965
Batten, R.W., 1959, 1962
Bellis, V.J., and others, 1975
Bennett, E.H., 1970
Benninger, L.K., and others, 1983
Benson, P.H., 1965
Benton, S.B., and others, 1978
Bernstein, H.A., 1977
Berryhill, H.L., and others, 1972
Bradshaw, H.D., and others, 1985
Brett, C.E., 1963
Brown, C.Q., 1953
Brown, C.Q., and others, 1954
Buss, B.A., and others, 1971, 1972

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- Councill, R.J., 1956
Custer, E.S., and others, 1974
Daniels, P., and others, 1968, 1969
DeVito, C.M., 1981
Dickson, A.W., 195
Dobbins, D.A., 1967
Dobbins, D.A., and others, 1970
Duane, D.B., 1964
Duda, A.M., 1982
Duda, A.M., and others, 1982
Edwards, R.W., 1961
Edzwald, J.K., 1972
Edzwald, J.K., and others, 1974
Filer, J.K., 1979
Folger, D.W., 1972
Giles, R.T., and others, 1965
Godfrey, P.J., 1970
Goff, W.T., 1977
Griffin, G.M., 1954
Griffin, G.M., and others, 1955
Guilcher, A., 1967
Guy, S.C., 1964
Hardaway, C.S., 1980
Harding, S.C., and others, 1974
Harms, L.L., 1975
Hartness, T.S., 1977
Heath, J.K., and others, 1985
Helwig, J.W., 1969
Ingram, R.L., 1963, 1968
Johnson, F.K., 1959
Jurgensen, M., 19__
Kuenzler, E.J., and others, 1982
Matson, E.A., and others, 1982, 1983,
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McCoy, E.G., and others, 1963, 1964
Meade, R.H., 1969
Munden, R.H., 1975
Nalepa, T., and others, 1974
Nelson, D.D., and others, 1971
North Carolina Wildlife Resources
Commission, 19__
Park, B.W., 1971
Pels, R.J., 1967
Petree, D.H., Jr., 1974
Pevear, D.R., 1968, 1972
Phillips, J.D., 1986
Pickett, T.E., 1965
Pickett, T.E., and others, 1969
Pierce, J.W., 1969, 1970
Reilly, F.J., Jr., 1978
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Riggs, S.R., and others, 1969
Rodolfo, K.S., and others, 1971
Simmons, C.E., 1976, 1988
Skean, D.M., 1959
Sutcliffe, W.H., Jr., 1950
Tenore, K.R., 1967, 1968
Upchurch, J.B., 1972
Upchurch, J.B., and others, 1974
U.S. Army Corps of Engineers, 1976b,
1976c
U.S. Congress, 1960, 1962, 1966c,
1966d
U.S. Department of Agriculture, 1977a,
1982
Welby, C.W., 1973
Williams, A.B., 1958

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- Athearn, W.C., and others, 1963
Barwis, J.H., 1975
Bellis, V.J., and others, 1975
Boc, S.J., and others, 1977
Boyd, H.W., 1971
Brauer, C.J., 1974
Cobb, C., 1903, 1905
Collet, C., 1770
Dolan, R., 1965, 1966, 1970, 1972a,
1972b, 1972c
Dolan, R., and others, 1967, 1969,
1970, 1970, 1972, 1972, 1973, 1973,
1979, 1986
Dunbar, G.S., 1958
El-Ashry, M.T., and others, 1964, 1968
Everts, C.H., and others, 1983
Feltner, C.E., 1948
Fisher, J.J., 1962
Goldsmith, V., 1977
Hardaway, C.S., 1980
Hayden, B., and others, 1979
Hazlet, D.C., 1938
Hennigar, H.F., 1979
Hosier, P.E., 1973
Knowles, C.E., and others, 1973
Knox, R.W., 1953
Langfelder, J., and others, 1968,
1970, 1974
North Carolina Department of
Conservation and Development, 1964
O'Conner, M.P., and others, 1978
Pierce, J.W., 1970
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Pilkey, O.H., and others, 1978
Price, J., 1926

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Rude, G.T., 1922	U.S. Army Corps of Engineers, 1971
Show, B.C., 1955	U.S. Congress, 1935a, 1974b
Slowey, A., 1971	U.S. Department of the Interior, 1974
Sonu, C.J., and others, 1971	Vallianos, L., 1981
Stafford, D.B., 1968, 1971	Wahls, H.E., 1973
Stirewalt, G.L., and others, 1974a, 1974b	