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Chesapeake Bay Bibliography Thesaurus

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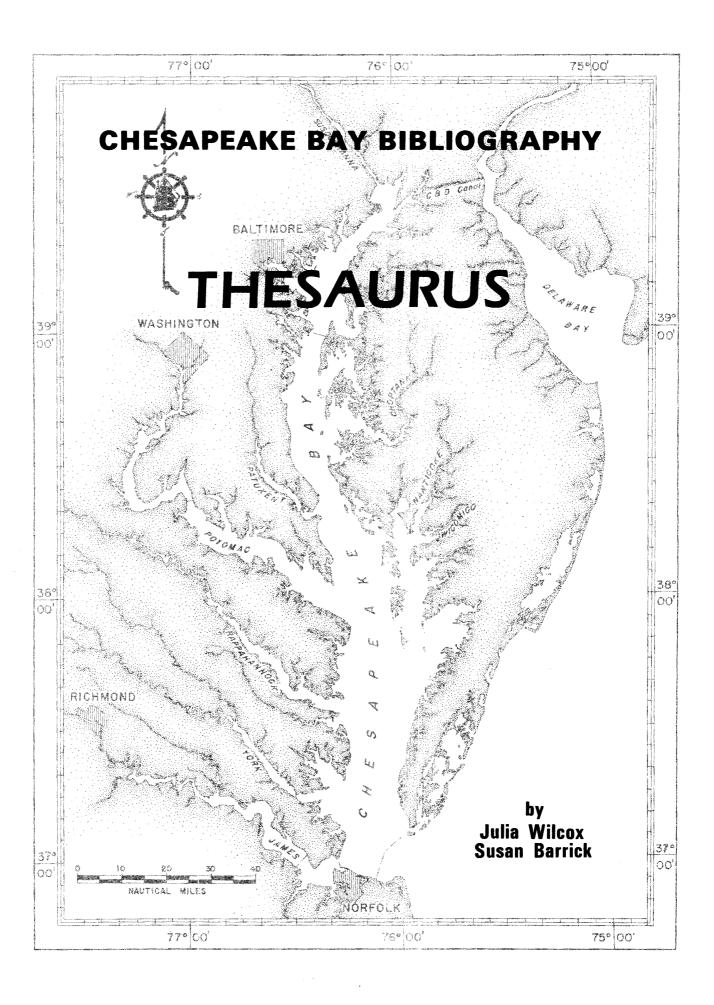


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CHESAPEAKE BAY BIBLIOGRAPHY Thesaurus

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Virginia Institute of Marine Science
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We would also like to thank Pam Owens for her splendid production work and Janice Meadows, assistant librarian, for reviewing the thesaurus and providing helpful suggestions.

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INTRODUCTION

The Chesapeake Bay Bibliography (CBB), a comprehensive, ongoing database of 8,000 citations of publications on the science, history, and management of the Bay environment. The Thesaurus has been developed to link search terms and identify keywords relevant to a particular subject. The Thesaurus also includes: a geographical name list organized by rivers, counties, cities, bays states, harbors, islands and "other"; and a taxonomic list of the specific organisms in the Thesaurus paired with their common names. We hope that this Thesaurus will improve both the indexing and retrieval of information from the CBB by guiding its users to the term(s) that most accurately describe the topics about which they seek information, as well as providing them with related terms that might also be useful in their search.

When the CBB was established in 1971, we selected the Water Resources Thesaurus, produced by the Office of Water Resources Research of the U.S. Department of the Interior, for our descriptor list. To transform this list into an appropriate vocabulary for the Chesapeake Bay, it was necessary to make two important changes. First, we deleted from the Thesaurus all animal and plant names not native to the Bay, such as Chinook salmon and Pacific fir tree, and all other terms not applicable to the Bay environment, such as icebergs and typhoons. Unrelated geographic names such as Oklahoma and Mississippi were also deleted. Next, we added to the Thesaurus the common names of predominant indigenous animals and wetlands plants as suggested by VIMS scientists, as well as the proper geographic names of local rivers, harbors, and so forth. Upon completion of these deletions and additions, we assigned a numerical code to each descriptor. Each citation added to the CBB was assigned up to ten descriptors by the indexer and then keypunched into the IBM 370/115 mainframe computer at the Virginia Institute of Marine Science.

In 1986 the CBB file was transferred to VIMS' upgraded computer, a Prime 9955, where it presently resides. Citations can now be input directly into the database by the indexer. We use FYI 3000 Plus software to manage and search the database on the Library's IBM PC, an OCLC M300 terminal. The original Thesaurus has been purged of unused terms and new keywords are added judiciously to accommodate topics such as acid rain, mitigation, and TBT (tributyltin) which are gaining prominence in the literature. Considerable care is taken when establishing new keywords to avoid creating terms which are inconsistent with those already in use in the CBB.

A library network to facilitate the distribution and exchange of Bay information is planned for the future. These libraries will serve as access points for searching the CBB. We hope the creation of this Thesaurus is a primary step toward better indexing and retrieval of Chesapeake Bay information.

GUIDE TO THE THESAURUS

The Chesapeake Bay Bibliography Thesaurus lists the keywords that constitute the authority list in bold-face type. These keywords have conventional notations to link related search terms and identify them to a particular subject.

USE reference term directs the user from a non-descriptor to the appropriate Chesapeake Bay Bibliography keyword.

MORPHOLOGY (COASTAL)
USE GEOMORPHOLOGY

UF (used for) is the reciprocal relationship to USE.

GEOMORPHOLOGY

UF

MORPHOLOGY (COASTAL)

BT (broader term) and NT (narrower term) express hierarchical relationships and group keywords into a whole/part structure.

CRABS

BT

BENTHIC FAUNA

CRUSTACEANS

INVERTEBRATES

NT

BLUE CRAB

RT (related term) directs the user to alternate descriptors that may be more appropriate or necessary additions to the search statement.

CRABS

RT

CRAB INDUSTRY

FETCH

RT

WAVES

WIND VELOCITY

WINDS

SN (scope note) is used to explain applications unique to the Chesapeake Bay Bibliography system. It may define or proscribe the use of a term in specified circumstances.

WETLANDS

SN

Includes legal aspects and legislation concerning all

wetland types

Geographic names that are used as keywords in the Chesapeake Bay Bibliography are listed separately on pages 92-93.

Plants and animals are indexed by their common name in the Chesapeake Bay Bibliography. Their scientific name appears in the thesaurus directing the user to the appropriate common name keyword. In addition there is a taxonomic list of the specific organisms in the thesaurus paired with their common names on pages 94-95.

SEARCH TIPS

Users of this thesaurus should be aware of the basic indexing rules we have followed:

Be specific - Use the available keyword at the nearest level of specificity. For example a paper on striped bass will be indexed under the keyword STRIPED BASS while papers on other bass species will be indexed under the keywords BASSES or SEA BASSES.

<u>Combine Keywords</u> - Use all relevant general keywords with more specific keywords to assure complete coverage of a broad subject area. For example to conduct a search on the seafood industry it will be necessary to combine the keywords SEAFOOD INDUSTRY, CLAM INDUSTRY, CRAB INDUSTRY, FINFISH INDUSTRY, OYSTER INDUSTRY, AND SOFT-SHELL CRAB INDUSTRY.

Α

ABATEMENT

NT RT POLLUTION ABATEMENT

REGULATION

WATER POLLUTION CONTROL

WATER QUALITY CONTROL

ABSORPTION

BT RT SORPTION **ADSORPTION**

LIGHT ATTENUATION LIGHT INTENSITY LIGHT PENETRATION **ROOT SYSTEMS** TURBIDITY

ABSTRACTS

BIBLIOGRAPHIES

ABUNDANCE

NT RT **FOOD ABUNDANCE**

BIOMASS CATCH

DISTRIBUTION **DISTRIBUTION PATTERNS**

LANDINGS

POPULATION

POPULATION DYNAMICS

ACCLIMATION

RT

ENVIRONMENTAL EFFECTS

PHYSIOLOGY TEMPERATURE TOLERANCE WATER TEMPERATURE

ACCRETION

RT

BERMS DEPOSITION GEOMORPHOLOGY SEDIMENTATION SEDIMENTATION RATES SHORELINE CHANGE

ACID RAIN

AIR POLLUTION PH PRECIPITATION RAINFALL

ACOUSTICS

RT

ANIMAL SOUNDS SONIC GEAR SOUND WAVES

ADMINISTRATION

RT

ADMINISTRATIVE AGENCIES

ADMINISTRATIVE DECISIONS

ECONOMICS

FEDERAL GOVERNMENT LOCAL GOVERNMENTS

MANAGEMENT **PLANNING POLITICAL ASPECTS PROGRAMS** PROJECT PLANNING

PROJECTS

STATE GOVERNMENTS

ZONING

ADMINISTRATIVE AGENCIES

AGENCIES BT

ADMINISTRATION RT

FEDERAL GOVERNMENT LOCAL GOVERNMENTS STATE GOVERNMENTS

ADMINISTRATIVE DECISIONS

ADMINISTRATION

DECISION MAKING ECONOMICS LAND USE **LEGAL ASPECTS** LEGISLATION MANAGEMENT **PLANNING** RECOMMENDATIONS

REGULATION

ZONING

ADSORPTION

SORPTION BT

ABSORPTION RT

CHROMATOGRAPHY CLAYS DIFFUSION ION EXCHANGE **OSMOSIS**

WATER TREATMENT

AERATION

OXYGENATION UF RT

AEROBIC CONDITIONS

AIR-WATER INTERFACES DEPURATION

DISSOLVED OXYGEN

MIXING OXYGEN OXYGEN DEMAND SEWAGE TREATMENT WASTE WATER TREATMENT WATER QUALITY CONTROL WATER TREATMENT

AERIAL PHOTOGRAPHY

PHOTOGRAPHY BT

RT AIRCRAFT

MAPPING **MAPS**

REMOTE SENSING SATELLITES SURVEYS

AEROBIC BACTERIA

BACTERIA BT

MICROORGANISMS AEROBIC CONDITIONS RT

DEPURATION **MICROBIOLOGY**

AEROBIC CONDITIONS

AERATION RT

AEROBIC BACTERIA

ANOXIA

DISSOLVED OXYGEN

OXYGEN

BIOLOGICAL AGING RT **GROWTH STAGES**

LIFE CYCLES

AGE (GEOLOGI		ALGAE	
USE RA	ADIOACTIVE DATING	SN	Includes both multicellular and unicellula
CENCIES		n=	algae
GENCIES	ADMINISTRATIVE ASSESSED	BT	PLANTS
NT	ADMINISTRATIVE AGENCIES	NT	CHLOROPHYTA
RT	ADMINISTRATION		DIATOMS
	FEDERAL GOVERNMENT		DINOFLAGELLATES
	LOCAL GOVERNMENTS	RT	ALGAL CONTROL
	STATE GOVERNMENTS		ALGICIDES
			AQUATIC WEEDS
	. WATERSHEDS		BENTHIC FLORA
USE W	ATERSHEDS		CULTURES
			EPIPHYTES
GRICULTURE			EUTROPHICATION
UF	FARM MANAGEMENT		MICROORGANISMS
RT	CROPS		PHOTOSYNTHESIS
	CULTIVATION		PHYTOPLANKTON
	DDT		PLANKTON
	EROSION		PRIMARY PRODUCTIVITY
	FERTILIZERS		RED TIDE
	HARVESTING		SUBMERGED PLANTS
	HERBICIDES	•	
	IRRIGATION	ALGAL CONTRO	ı
	LAND DEVELOPMENT	RT	ALGAE
	LAND MANAGEMENT	nt ,	ALGICIDES
	LAND USE		AQUATIC WEED CONTROL
	NON POINT SOURCES PESTICIDES		HERBICIDES
	· · · · · -	11 0101075	
	POULTRY	ALGICIDES	
	RUNOFF	RT	ALGAE
	SOIL CONSERVATION		ALGAL CONTROL
	SOIL EROSION		ANTIBIOTICS
•	SOILS		AQUATIC WEED CONTROL
	WATERSHEDS		COPPER SULFATE
			HERBICIDES
IR POLLUTION			PESTICIDES
BT	POLLUTION		TOXIC SUBSTANCES
RT	ACID RAIN		
	ATMOSPHERIC MEASUREMENT	ALKALINITY	
	CLIMATIC DATA	RT	PH
	FLY ASH		
	FOSSILS FUELS	ALOSA AESTIVAI	<u>.IS</u>
	INDUSTRIAL PLANTS	USE BL U	JEBACK HERRING
	POLLEN		
	POLLUTANT IDENTIFICATION	ALOSA PSEUDOI	HARENGUS
	POLLUTANTS	USE ALE	WIVES
	POLLUTION ABATEMENT		
	PUBLIC HEALTH	ALOSA MEDIOCE	ns
	WATER POLLUTION	USE SHA	
	MAILIN POLLUTION	OUE ON	-
R TEMPERATI	IRE	ALOSA SAPIDISS	IMA
	MPERATURE		ERICAN SHAD
00L 1 L	Envione	OOL AIM	
R-WATER INT	EDEACER	ALOSIDS	
RT	* * * * * * * * * * * * * * * * * * * *	BT	FISH
D.f	AERATION	DI	
	BOUNDARIES	APT	MARINE FISH
	ENERGY TRANSFER	NT	ALEWIVES
	MIXING		AMERICAN SHAD
	SURFACE WATERS		ANADROMOUS FISH
			ATLANTIC MENHADEN
RCRAFT			BLUEBACK HERRING
RT	AERIAL PHOTOGRAPHY		HERRING
	REMOTE SENSING		SHAD
	SURVEYS		
		ALUMINUM	
BINISM		BT	METALS
RT	DEFORMITIES	Di	METALO
	PIGMENTS	AMEDICAN CUA	•
		AMERICAN SHAL	
EWIVES		UF	ALOSA SAPIDISSIMA
UF	ALOSA PSEUDOHARENGUS	BT	ALOSIDS
BT			FISH
DI	ALOSIDS		HERRINGS
	ANADROMOUS FISH		SHAD
	HERRINGS		

RT ANADROMOUS FISH DISSOLVED OXYGEN **OXYGEN DEPLETION AMINO ACIDS** ORGANIC COMPOUNDS BT ANALYSIS RT NITROGEN COMPOUNDS CHEMICAL ANALYSIS NT **PROTFINS CHROMATOGRAPHY COST ANALYSIS AMMONIA** FLUOROMETRY INORGANIC COMPOUNDS RT REGRESSION ANALYSIS NITROGEN COMPOUNDS **SOIL ANALYSIS NUTRIENTS** STRESS ANALYSIS STRUCTURAL ANALYSIS RT AMMONIUM COMPOUNDS BIODEGRADATION TIME SERIES ANALYSIS DENITRIFICATION **VOLUMETRIC ANALYSIS** WATER ANALYSIS **EUTROPHICATION** NITRIFICATION RT ANALYTICAL TECHNIQUES NITROGEN DATA PROCESSING **NITROGEN CYCLE** STATISTICS TESTS AMMONIUM COMPOUNDS INORGANIC COMPOUNDS RT **ANALYTICAL TECHNIQUES NITROGEN COMPOUNDS** NT **BIOASSAY NUTRIENTS CHROMATOGRAPHY** RT **AMMONIA ELECTRON MICROSCOPY FERTILIZERS FLUOROMETRY NITROGEN GAS CHROMATOGRAPHY** HISTOLOGICAL INVESTIGATIONS **AMOEBAE MICROSCOPY PROTOZOA SPECTROPHOTOMETRY** RT RT **PLANKTON SPECTROSCOPY** ZOOPLANKTON TAGGING **VOLUMETRIC ANALYSIS AMPHIBIANS ANALYSIS** RT NT **FROGS ASSAY SALAMANDERS ELECTROPHORESIS METHODOLOGY AMPHIPODA** MODEL STUDIES **CRUSTACEANS** BT **RADIOACTIVITY TECHNIQUES INVERTEBRATES** RESEARCH RT **BENTHIC FAUNA** SAMPLING ZOOPLANKTON STRESS ANALYSIS **TESTS ANADROMOUS FISH** вт **FISH ANATOMY** NT **ALEWIVES** RT **CIRCULATORY SYSTEM ALOSIDS COMPARATIVE STUDIES AMERICAN SHAD DEFORMITIES BLUEBACK HERRING** FISH SCALES HOGCHOKER **GONADS** HISTOLOGICAL INVESTIGATIONS SHAD STRIPED BASS MORPHOLOGY **STURGEONS NERVE CELLS** WHITE PERCH OSTEOLOGY YELLOW PERCH **OTOLITHS** FISH MIGRATION RT **PHYSIOLOGY** MARINE FISH **SKELETON** MIGRATION **SPAWNING** ANCHOA MITCHILLI USE ANCHOVIES ANAEROBIC BACTERIA **BACTERIA ANCHOVIES** BT **MICROORGANISMS** UF **ANCHOA MITCHILLI** ANAEROBIC CONDITIONS BT RT FISH BIODEGRADATION MARINE FISH MICROBIOLOGY **ANEMONES** ANAEROBIC CONDITIONS **BENTHIC FAUNA** BT **ECHINODERMS** ANAEROBIC BACTERIA RT **ANOXIA INVERTEBRATES BIODEGRADATION**

ANGUILLA ROSTRATA

EELS

USE

DEGRADATION

HYDROGEN SULFIDE

ANIMAL CONTROL

AVICIDES RT

INSECT CONTROL MANAGEMENT PEST CONTROL **PESTICIDES**

WILDLIFE MANAGEMENT

ANIMAL DISEASES USE DISEASES

ANIMAL METABOLISM

BT

METABOLISM RT ANIMAL PHYSIOLOGY

DIGESTION

PHYSIOLOGY

ANIMAL PATHOLOGY USE PATHOLOGY ANIMAL PHYSIOLOGY

USE PHYSIOLOGY

ANIMAL SOUNDS

ACOUSTICS RT

BEHAVIOR SOUND WAVES

ANIMAL WASTES

ORGANIC WASTES USE

ANNELIDS

BENTHIC FAUNA BT

INVERTEBRATES

WORMS

NT **POLYCHAETES**

ANOXIA

SN Represents seasonal no-oxyg

conditions

ANAEROBIC CONDITIONS RT

BIOCHEMICAL OXYGEN DEMAND

DEGRADATION

DISSOLVED OXYGEN

EUTROPHICATION

FISHKILL OXYGEN

OXYGEN DEMAND OXYGEN DEPLETION

WATER POLLUTION

WATER POLLUTION EFFECTS

ANTIBIOTICS

ALGICIDES RT

BACTERIA

DISEASE RESISTANCE

FUNGICIDES HERBICIDES

IMMUNITY PESTICIDES TOXINS

ANTIFOULING MATERIALS

ARSENIC COMPOUNDS NT COPPER

TBT

ZINC

RT **FOULING**

METALS

TOXIC SUBSTANCES

AQUACULTURE

BT **INDUSTRIES**

RT **BREEDING**

CLAM INDUSTRY

CLAMS

COMMERCIAL FISH

CULTCH CULTIVATION FISH STOCKING

GENETICS

HABITAT IMPROVEMENT

HATCHERIES HYBRIDS

MARICULTURE OYSTER INDUSTRY SEAFOOD INDUSTRY

SHELLFISH

SOFT-SHELL CRAB INDUSTRY

AQUATIC FUNGI

USE FUNGI

AQUATIC VEGETATION

USE SUBMERGED PLANTS

AQUATIC WEED CONTROL

CONTROL BT

PEST CONTROL

ALGAL CONTROL

ALGICIDES AQUATIC WEEDS

BIOLOGICAL CONTROL

HERBICIDES

SUBMERGED PLANTS **TOXIC SUBSTANCES**

AQUATIC WEEDS

RT

BT **PLANTS**

SUBMERGED PLANTS

RT ALGAE

AQUATIC WEED CONTROL

BENTHIC FLORA EEL GRASS FOULING MARSH PLANTS **SEAGRASS**

AQUIFERS

GROUNDWATER RT

HYDROGEOLOGY HYDROLOGY

LAND USE

SALINE WATER INTRUSION WATER RESOURCES WATER STORAGE WATER SUPPLY WATER TABLE

WATERSHEDS WELLS

ARCHAELOGY RT

FOSSILS

GEOLOGY

HISTORY

PALEOCLIMATOLOGY **PALEONTOLOGY** SHIPWRECKS

ARCHITECTURE

RT

CONSTRUCTION

DESIGN ENGINEERING

AROMATIC COMPOUNDS

BT NT ORGANIC COMPOUNDS

PCB

POLYNUCLEAR AROMATIC

HYDROCARBONS

RT **PESTICIDES**

TOXIC SUBSTANCES

METEOROLOGY WIND PRESSURE

ARSENIC COMPOUNDS

ANTIFOULING MATERIALS BT

INORGANIC COMPOUNDS

RT **TOXIC SUBSTANCES** RT **COMPUTERS**

CONTROL

DATA PROCESSING

ART

RT

DESIGN

ILLUSTRATIONS

MUSUEMS

AVICIDES RT

AUTOMATION

BIRDS

PESTICIDES TOXIC SUBSTANCES

ANIMAL CONTROL

ARTIFICIAL HABITATS

HABITATS BT

RT

COMMUNITY DEVELOPMENT COMMUNITY STRUCTURE

DREDGE SPOIL

ENVIRONMENTAL ENGINEERING

HABITAT IMPROVEMENT

MARICULTURE

MITIGATION

OFFSHORE CONSTRUCTION

REEFS

SPOIL DISPOSAL

SPORT FISHING

VEGETATION ESTABLISHMENT

WILDLIFE MANAGEMENT

ASEXUAL REPRODUCTION

REPRODUCTION BT

RT **CLONES**

SPORES

ASH

USE **FLY ASH**

ASSAY NT

BIOASSAY

RT

ANALYTICAL TECHNIQUES

TESTS

ATLANTIC CROAKER

USE CROAKER

ATLANTIC MENHADEN

BREVOORTIA TYRANNUS UF BT ALOSIDS

FISH

HERRINGS MARINE FISH

ATLANTIC SILVERSIDES

USE SILVERSIDES

ATLAS

RT

ATMOSPHERIC MEASUREMENT

AIR POLLUTION RT

MAPS

ATMOSPHERIC PRESSURE

CLIMATIC DATA CLIMATOLOGY

METEOROLOGICAL DATA

METEOROLOGY TEMPERATURE WIND VELOCITY

WINDS

ATMOSPHERIC PRESSURE

RT ATMOSPHERIC MEASUREMENT

CLIMATOLOGY **HURRICANES**

			
	В	BEACH EROSION	
	_	BT	EROSION
		RT	DUNES
BACKGROUND RAD	DIATION		EROSION CONTROL
USE RADIA	TION		HURRICANES SEDIMENT TRANSPORT
			SHORE PROTECTION
BACTERIA	140000000000000000000000000000000000000		SHORELINE CHANGE
BT NT	MICROORGANISMS		SHORELINE EROSION
INT.	AEROBIC BACTERIA ANAEROBIC BACTERIA		SOIL EROSION
	COLIFORMS		STORMS
	CYANOBACTERIA		TIDAL EFFECTS
	E.COLI		VEGETATION EFFECTS WAVES
	NITROGEN FIXING BACTERIA		WAVES
	PATHOGENIC BACTERIA	BEACHES	
RT	SEWAGE BACTERIA ANTIBIOTICS	RT	BARRIER ISLANDS
n i	BACTERIOPHAGE		BERMS
	BIODEGRADATION		COASTAL ZONE
	BIOINDICATORS		DEPOSITION DUNES
	BIOTECHNOLOGY		GEOMORPHOLOGY
	CLONES		ISLANDS
	CULTURES DISEASES		LITTORAL DRIFT
	DISINFECTION		NATIONAL SEASHORES
	FISH DISEASES		RECREATION FACILITIES
	IMMUNITY		SAND BARS SAND SPITS
	MICROBIOLOGY	·	SANDS
	NANNOPLANKTON		SHORES
	PLANKTON PLANT DISEASES		WAVES
	PLANT DISEASES PUBLIC HEALTH		
	1 Obelo Hanelli	BEAVERS BT	MANANAN C
BACTERIOPHAGE		ы	MAMMALS RODENTS
BT	MICROORGANISMS	RT	DAMS
DT	VIRUSES		
RT	BACTERIA BIOLOGICAL CONTROL	BEDS UNDER WATE	
	BIOLOGICAL CONTROL	RT	CULTCH
BARNACLES			HABITATS LEASES
BT	CRUSTACEANS	•	OWNERSHIP OF BEDS
DT	INVERTEBRATES		OYSTER GROUNDS
RT	FOULING		OYSTERS
BARRIER ISLANDS			SPAT
BT	ISLANDS	BEHAVIOR	
RT	BEACHES	NT	FISH BEHAVIOR
	GEOMORPHOLOGY	RT	ANIMAL SOUNDS
	SEDIMENTARY STRUCTURE		COMPETITION
BASINS			ECOLOGY
NT	RIVER BASINS		FEEDING
•••			FISH MIGRATION FOOD HABITS
BASSES			HABITATS
BT	FISH		MIGRATION
NT	SEA BASSES		NESTING
	STRIPED BASS WHITE BASS		REPRODUCTION
	WHITE BASS WHITE PERCH		SOCIAL ASPECTS
	Willie Fellon		SPAWNING TAGGING
BATHYMETRY			IAGGING
UF	DEPTH	BENCH MARKS	
RT	CHARTS	RT	ELEVATION
	CONTINENTAL SHELF DEEP WATER		MAPPING
	DEPTH		MEASUREMENT
	HYDROGRAPHY	•	SEA LEVEL SURVEYS
	MAPPING		COUATIO
	MAPS	BENTHIC FAUNA	
	MEASUREMENT	UF	BOTTOM FAUNA
	NAVIGATION SOUNDINGS	ВТ	BENTHOS
	SURVEYS	NT	AMPHIPODA
			ANEMONES

	ANNELIDS	BIOASSAY	
	BIVALVES	BT	ANALYTICAL TECHNIQUES
	BLUE CRAB		ASSAY
	CLAMS	RT	BIOINDICATORS
	CRABS		CHEMICAL ANALYSIS
	DEMERSAL FISHES		LETHAL LIMIT
	ECHINODERMS		POLLUTANT IDENTIFICATION
	FLOUNDER		TESTS
	FORAMINIFERA		=
			TOXICITY
	GASTROPODS		WATER ANALYSIS
	HARD CLAM		WATER POLLUTION SOURCES
	HOGCHOKER		
	ISOPODS	BIOCHEMICAL OXY	
	MOLLUSKS	BT	OXYGEN DEMAND
	MUSSELS	RT -	ANOXIA
	NEMERTEANS		ANAEROBIC CONDITIONS
	OYSTERS		DISSOLVED OXYGEN
	PLATYHELMINTHES		INDICATORS
	POLYCHAETES		METABOLISM
	PORIFERA		OXYGEN
	SCALLOPS		PHOTOSYNTHESIS
	SNAILS		RESPIRATION
	SURF CLAM		WATER ANALYSIS
4	WORMS		WATER POLLUTION
RT			
nı	BIOTURBATION		WATER QUALITY
	CRUSTACEANS		
	INVERTEBRATES	BIOCHEMISTRY	
		RT	BIOLUMINESCENCE
BENTHIC FLORA			CARBOHYDRATES
BT	BENTHOS		CARBON CYCLE
	PLANTS		ENZYMES
RT	ALGAE		HORMONES
	AQUATIC WEEDS		LIPIDS
	DIATOMS		METABOLISM
	EEL GRASS		ORGANIC COMPOUNDS
	SEAGRASS		ORGANIC MATTER
	SUBMERGED PLANTS		PHOTOSYNTHESIS
	MICROORGANISMS		PHYSIOLOGY
BENTHOS	MICHCONGAINISMS		
	DEATERO FALINA		PIGMENTS
NT	BENTHIC FAUNA		PLANT PHYSIOLOGY
	BENTHIC FLORA		PROTEINS
RT	BIOTURBATION		VITAMINS
	INTERSTITIAL WATER		
	MUD FLATS	BIODEGRADATION	
	SEDIMENT-WATER INTERFACES	BT	DEGRADATION
	SEDIMENTS	AT	AMMONIA
			ANAEROBIC BACTERIA
BERMS			ANAEROBIC CONDITIONS
RT	ACCRETION		BACTERIA
	BEACHES		BIOGEOCHEMICAL CYCLES
	DUNES		DETRITUS
	GEOMORPHOLOGY		DIGESTION
	SAND BARS		DISPOSAL
	SAND SPITS		MICROBIOLOGY
	SAND WAVES		NITROGEN CYCLE
	WIND TITLE		NUTRIENT CYCLES
BIBLIOGRAPHIES			OXIDATION
RT	ABSTRACTS		PETROLEUM DEGRADATION
HI			
	INFORMATION RETRIEVAL		SEWAGE SLUDGE
	INFORMATION SOURCES		SEWAGE TREATMENT
			SOLID WASTES
BIOACCUMULATIO	* * '		
RT	FOOD CHAINS	BIODEPOSITION	
	HEAVY METALS	BT	DEPOSITION
	KEPONE	RT	BIOTURBATION
	LETHAL LIMIT		DETRITUS
	PESTICIDES		ORGANIC WASTES
	PHYSIOLOGY		
	POLLUTANTS	BIOGEOCHEMICAL	CYCLES
	POLLUTION	NT	CARBON CYCLE
	RADIOACTIVE WASTES	141	NITROGEN CYCLE
			NUTRIENT CYCLES
	TOXIC SUBSTANCES	OT	
	TOXICITY	RT	BIODEGRADATION
	WATER POLLUTION		DEGRADATION

	DETRITUS GEOCHEMISTRY	BIRDS NT	DUCKS
	NUTRIENTS	•••	GEESE GULLS
BIOGRAPHIES	LISTORY		OSPREYS
RT	HISTORY		SHORE BIRDS SWANS
BIOINDICATORS			WATERFOWL
UF BT	INDICATOR BACTERIA INDICATORS	RT	AVICIDES BIRD EGGS
RT	BACTERIA		NESTING
	BIOASSAY		NESTS
	SOIL ANALYSIS WATER QUALITY	BIVALVES	
	WATER GOALITY	BIVALVES	MOLLUSKS
BIOLOGICAL AGI		NT	CLAMS
USE AGI	Ē		HARD CLAM MUSSELS
BIOLOGICAL CO	NTROL		OYSTERS
ВТ	CONTROL		SCALLOPS
RT	AQUATIC WEED CONTROL		SHELLFISH
	BACTERIOPHAGE INSECT CONTROL		SOFT CLAM TELLINA
	PARASITISM	RT	BENTHIC FAUNA
	PEST CONTROL		CLAM INDUSTRY
	VIRUSES		OYSTER INDUSTRY SHELLS
BIOLUMINESCEN	ICE		SHELLS
RT	BIOCHEMISTRY	BLOOD	
	FLUORESCENCE LIGHT	RT	CIRCULATORY SYSTEM PHYSIOLOGY
	PHYSIOLOGY		
	PIGMENTS	BLUE CRAB	CALLINEOTEC CADIDUO
	PLANT PHYSIOLOGY	UF BT	CALLINECTES SAPIDUS BENTHIC FAUNA
BIOMASS			CRABS
RT	ABUNDANCE LANDINGS		CRUSTACEANS INVERTEBRATES
	MASS	RT	CATCH
	PRIMARY PRODUCTIVITY		CRAB INDUSTRY
	PRODUCTIVITY		MOLTING SOFT-SHELL CRAB INDUSTRY
	WEIGHT		TRAPPING
BIOTECHNOLOG	Y	BLUE-GREEN ALG	AE
RT	BACTERIA		NOBACTERIA
	CHROMOSOMES CLONES		
	GENETICS	BLUE-GREEN BAC USE CYAI	TERIA Nobacteria
	MICROBIOLOGY	USE CTAI	TOBACTERIA
	MUTATIONS ULTRASTRUCTURE	BLUEBACK HERR	
	VIRUSES	UF	ALOSA AESTIVALIS
		ВТ	ALOSIDS ANADROMOUS FISH
BIOTURBATION	BENTHIC FAUNA		FISH
ni .	BENTHOS		HERRINGS
	BIODEPOSITION	BLUEFISH	
	BURROWS	UF	POMATOMUS SALTATRIX
	DIAGENESIS MIXING	BT	FISH
	SEDIMENTS		MARINE FISH
BIRD EGGS		BLUEGILL	
BT	EGGS	UF	LEPOMIS MACROCHIRUS
	GROWTH STAGES	ВТ	FISH FRESHWATER FISH
RT	BIRDS		SUNFISHES
	EMBRYONIC GROWTH STAGE HATCHING		
	LIFE CYCLES	BOAT BUILDING	POATS
	NESTING	RT	BOATS CONSTRUCTION
	NESTS REPRODUCTION		SHIPS
	REPRODUCTION		

BOATING

RT

BOATS CRUISES DOCKS **MARINAS NAVIGATION** RECREATION

SAFETY **SAILING**

BOATS

RT

BOAT BUILDING BOATING FISHING GEAR **MARINAS**

SHIPS **TRANSPORTATION**

BOREHOLE GEOPHYSICS GEOPHYSICS USE

BORON

TRACE ELEMENTS RT

BOTTOM FAUNA

USE **BENTHIC FAUNA**

BOTTOM WATER

RT **DEEP WATER**

SEDIMENT-WATER INTERFACES

BOUNDARIES

RT

SN Includes both property boundaries and

surface boundaries

AIR-WATER INTERFACES

JURISDICTION **LEGAL ASPECTS**

OWNERSHIP OF BEDS SALINE WATER-FRESHWATER

INTERFACES SEDIMENT-WATER INTERFACES

STRATIFICATION **RIPARIAN RIGHTS** THERMOCLINE

ZONING

BOUNDARY DISPUTES

RT

COMPETING USES JURISDICTION LEASES LEGAL ASPECTS **OWNERSHIP OF BEDS RIPARIAN RIGHTS** STATE JURISDICTION

BRACKISH WATER

RT

SALINEWATER-FRESHWATER

INTERFACES SALINITY

BRACKISH-WATER FISH USE MARINE FISH

BREVOORTIA TYRANNUS

USE ATLANTIC MENHADEN

BREAKWATERS

RT

BULKHEADS

COASTAL STRUCTURES EROSION CONTROL

HARBORS JETTIES

SHORE PROTECTION

BREEDING

RT **AQUACULTURE**

FECUNDITY

FISH REPRODUCTION

GENETICS HYBRIDS NESTING REPRODUCTION RESISTANCE

SPAWNING SPECIATION

BRIDGES

RT

COASTAL STRUCTURES

ROADS

TRANSPORTATION

TUNNELS

BRYOZOA

BT RT **INVERTEBRATES**

FOULING

BULKHEADS

RT

BREAKWATERS

COASTAL STRUCTURES

DOCKS

EROSION CONTROL

JETTIES SHORE PROTECTION

WAVES

BOUYS

BT RT NAVIGATIONAL AIDS

NAVIGATION

BURROWS

BIOTURBATION RT

HABITATS MUSKRATS NESTS RODENTS

BUTTERFISH

UF BT PEPRILUS SP.

FISH MARINE FISH

C **MINERALS** RT **CALCIUM CARBON** CALCIUM **CARCINOGENS** BT **METALS CHEMICAL WASTES** RT RT **CARBONATES DISEASES MUTATIONS CALIBRATIONS PESTICIDES** MATHEMATICAL STUDIES RT **POLLUTANTS MEASUREMENT PUBLIC HEALTH RADIOACTIVE WASTES** CALLINECTES SAPIDUS TOXIC SUBSTANCES BLUE CRAB USE CARP **CANALS** BT **FISH** C + D CANAL NT FRESHWATER FISH RT **CHANNELS** MINNOWS RT DREDGING HYDRAULIC MODELS CATCH **INLAND WATERWAYS ABUNDANCE** RT **INLETS** COMMERCIAL FISH IRRIGATION **CRAB INDUSTRY NAVIGABLE WATERS CREEL CENSUS NAVIGATION HARVESTING** HISTORICAL DATA CANYONS **FINFISH INDUSTRY** USE **SUBMARINE CANYONS FISHERIES LANDINGS CARBOHYDRATES PRODUCTIVITY ORGANIC COMPOUNDS** RT **TRAPPING** STARCH NT **CELLULOSE CATFISHES** CHITIN **FISH** BT **GLYCOGEN** FRESHWATER FISH STARCH RT **BIOCHEMISTRY CELLULOSE LIPIDS CARBOHYDRATES** BT NUTRITION ORGANIC COMPOUNDS **PHOTOSYNTHESIS** PLANT PHYSIOLOGY RT PLANT PHYSIOLOGY **PULP WASTES PROTEINS CENOZOIC ERA** CARBON RT **GEOLOGIC TIME NUTRIENTS** BT NT MIOCENE EPOCH **CARBON CYCLE** RT PLEISTOCENE EPOCH **CARBON DIOXIDE TERTIARY PERIOD CARBON RADIOISOTOPES CARBONATES CENSUS** ORGANIC COMPOUNDS **CREEL CENSUS** NT **CARBON CYCLE** RT DATA COLLECTIONS **MEASUREMENT BIOGEOCHEMICAL CYCLES** BT **MONITORING NUTRIENT CYCLES PLANNING** RT **BIOCHEMISTRY POPULATION** CARBON **SAMPLING ENERGY BUDGET STATISTICS FOOD CHAINS SURVEYS PHOTOSYNTHESIS** RESPIRATION CESIUM SECONDARY PRODUCTIVITY BT **HEAVY METALS METALS CARBON DIOXIDE** CARBON BT **CHAETOGNATHS GASES INVERTEBRATES** BT INORGANIC COMPOUNDS **PLANKTON** RT **PHOTOSYNTHESIS** ZOOPLANKTON RT WORMS **CARBON RADIOISOTOPES**

BT

BT

RT

CARBONATES INORGANIC COMPOUNDS

CARBON

ISOTOPES

RADIOACTIVE DATING

CHANNEL IMPROVEMENT CHANNELING

DREDGING FLOOD CONTROL SEDIMENT CONTROL

CHANNELING CHLORINATED HYDROCARBON PESTICIDES **DREDGING** ORGANIC COMPOUNDS BT CHANNEL IMPROVEMENT **PESTICIDES** HYDRAULIC MODELS NT DDT SEDIMENT CONTROL RT **TOXIC SUBSTANCES CHANNELS** CHLORINATION **CANALS** RT RT CHLORINE **DEEP WATER** DISINFECTION HYDRAULIC MODELS SEWAGE TREATMENT **INLAND WATERWAYS** SLUDGE DISPOSAL **INLETS** WATER CHEMISTRY **NAVIGABLE WATERS** WATER TREATMENT **NAVIGATION RIVER BEDS** CHLORINE **STREAMS HALOGENS** BT **TIDAL EFFECTS CHLORIDES** RT CHLORINATION **CHARTS** BT **NAVIGATIONAL AIDS CHLOROPHYLL** RT **BATHYMETRY** ORGANIC COMPOUNDS BT DATA **PIGMENTS DATA COLLECTIONS PHOTOSYNTHESIS** RT MAPPING PLANT PHYSIOLOGY MAPS **NAVIGATION CHLOROPHYTA TOPOGRAPHY GREEN ALGAE** UF вт ALGAE **CHELATES** RT **PHYTOPLANKTON METALS ORGANIC COMPOUNDS CHROMATOGRAPHY ANALYSIS CHEMICAL ANALYSIS ANALYTICAL TECHNIQUES** BT **ANALYSIS** GAS CHROMATOGRAPHY NT RT **BIOASSAY** RT **ADSORPTION** CHROMATOGRAPHY **CHEMICAL ANALYSIS ELECTROPHORESIS ELECTROPHORESIS FLUOROMETRY** FLUOROMETRY **GAS CHROMATOGRAPHY** SORPTION SOIL ANALYSIS **SPECTROPHOTOMETRY SPECTROPHOTOMETRY SPECTROSCOPY** CHROMIUM **HEAVY METALS** BT CHEMICAL REDUCTION **METALS** REDUCTION USE **CHROMOSOMES CHEMICAL WASTES BIOTECHNOLOGY** RT BT WASTES **CLONES CARCINOGENS** RT **GENETICS DETERGENTS HYBRIDS** HEAVY METALS INDUSTRIAL WASTES **MITOSIS MUTATIONS** INORGANIC COMPOUNDS OIL POLLUTION **CILIATES ORGANIC WASTES** BT **MICROORGANISMS PESTICIDES PROTOZOA POLLUTANTS** RT ZOOPLANKTON POLLUTION **PULP WASTES CIRCULATION RADIOACTIVE WASTES** WATER CIRCULATION USE **RUNOFF SEWAGE** CIRCULATORY SYSTEM **TOXIC SUBSTANCES** RT **ANATOMY BLOOD** CHITIN PHYSIOLOGY **CARBOHYDRATES** RT RESPIRATION **CRAB INDUSTRY CRUSTACEANS CLAM INDUSTRY SHELLS** BT **INDUSTRIES** SEAFOOD INDUSTRY **CHLORIDES** RT AQUACULTURE BT **HALOGENS BIVALVES** INORGANIC COMPOUNDS **CLAMS** RT CHLORINE **COMMERCIAL FISHING**

FISHERIES ICE HARD CLAM METEOROLOGICAL DATA **HARVESTING** METEOROLOGY PRECIPITATION **MARICULTURE** RAINFALL SHELLFISH SOFT CLAM SEASONAL VARIATIONS SURF CLAM **STORMS TEMPERATURE CLAMS** BT **BENTHIC FAUNA** WEATHER **BIVALVES WINDS** HARD CLAM WINTER **INVERTEBRATES MOLLUSKS CLONES** SHELLFISH **ASEXUAL REPRODUCTION** RT SOFT CLAM **BACTERIA** NT BIOTECHNOLOGY SURF CLAM **AQUACULTURE CHROMOSOMES** RT **CLAM INDUSTRY GENETICS** MARICULTURE MICROBIOLOGY CLASSIFICATION **CLOUDS** LAND CLASSIFICATION **CLIMATOLOGY** NT **HURRICANES** SYSTEMATICS HYDROLOGIC CYCLE TAXONOMY METEOROLOGY **CLAY MINERALS PRECIPITATION** RAINFALL INORGANIC COMPOUNDS BT **STORMS MINERALS** WEATHER RT **CLAYS FLOCCULATION** SILICATES CNIDARIA **INVERTEBRATES** BT NT **CORAL CLAYS CLAY MINERALS JELLYFISH** RT **COLLOIDS HYDROZOA GRAIN SIZE SCYPHOZOA** SEA NETTLES MUD **PLANKTON SILICATES** RT SEDIMENT LOAD COAL **SEDIMENTS** вт **FOSSIL FUELS** SOILS MINING SUSPENDED SEDIMENTS RT STRIP MINES **CLEAN-UP COASTAL ENGINEERING** SN Oil spill, toxic substance and pollution **ENGINEERING** RT clean-up COASTAL STRUCTURES RT RT **OIL SPILLS** CONSTRUCTION POLLUTION ABATEMENT **EROSION CONTROL** WATER POLLUTION CONTROL **HARBORS** HYDRAULIC MODELS **CLIMATIC DATA** SHORE PROTECTION DATA BT ATMOSPHERIC MEASUREMENT RT **COASTAL PLAINS CLIMATOLOGY** FLOOD PLAINS RT DATA COLLECTIONS **GEOLOGIC FORMATIONS** HYDROLOGIC DATA **TOPOGRAPHY** METEOROLOGICAL DATA **METEOROLOGY COASTAL STRUCTURES PRECIPITATION** RT **BREAKWATERS RAINFALL** BRIDGES **TEMPERATURE BULKHEADS** WATER TEMPERATURE COASTAL ENGINEERING WEATHER CONSTRUCTION WIND VELOCITY DIKES WINDS DOCKS ENVIRONMENTAL ENGINEERING **CLIMATOLOGY EROSION CONTROL PALEOCLIMATOLOGY** NT **HARBORS** ATMOSPERIC MEASUREMENT RT **JETTIES** ATMOSPHERIC PRESSURE **MARINAS CLIMATIC DATA** OFFSHORE CONSTRUCTION **CLOUDS** SEDIMENT CONTROL **DROUGHTS** SHORE PROTECTION **HURRICANES**

SHORES COMMUNITY STRUCTURE BT **ECOLOGY COASTAL ZONE** ARTIFICIAL HABITATS RT RT **BEACHES** COMMUNITY DEVELOPMENT CONTINENTAL MARGIN DIVERSIFICATION **INLETS ECOLOGICAL DISTRIBUTION ISLANDS ECOSYSTEMS MUD FLATS HABITATS** SHORES **NICHES POPULATION** COBALT **SEASONAL VARIATIONS HEAVY METALS** BT **SPECIES METALS** SUCCESSION COBIA **COMPARATIVE STUDIES** RT **ANATOMY** UF **RACHYCENTRON CANADUM** BT **COST ANALYSIS** MARINE FISH **PHYSIOLOGY COMPETING USES COLIFORMS** RT **BOUNDARY DISPUTES** LEGAL ASPECTS **BACTERIA** BT RIPARIAN RIGHTS **MICROORGANISMS** NT E.COLI RT PATHOGENIC BACTERIA COMPETITION SEWAGE BACTERIA **BEHAVIOR ECOLOGY COLLOIDS PREDATION** RT **CLAYS** PRODUCTIVITY FLOCCULATION REGULATION **GRAIN SIZE** RESISTANCE SUCCESSION **SEDIMENTS** SUSPENDED SEDIMENTS **COMPUTER MODELS TURBIDITY** BT MODEL STUDIES RT **COMPUTER PROGRAMS** COMMERCE RT INDUSTRIAL PRODUCTION **COMPUTERS MARKETING DATA PROCESSING** HYDRAULIC MODELS SHIPPING **TRANSPORTATION** MATHEMATICAL MODELS STATISTICAL MODELS COMMERCIAL FISH **COMPUTER PROGRAMS** FISH BT RT COMPUTER MODELS RT **AQUACULTURE** COMPUTERS CATCH FINFISH INDUSTRY **DATA PROCESSING** DATA STORAGE AND RETRIEVAL **FISHERIES** DATA TRANSMISSION **HATCHERIES** INFORMATION RETRIEVAL **LANDINGS** MARINE RESOURCES STATISTICS SEAFOOD INDUSTRY COMPUTERS BT **EQUIPMENT COMMERCIAL FISHING** AUTOMATION INDUSTRIES RT BT COMPUTER MODELS COMPUTER PROGRAMS RT **CLAM INDUSTRY CRAB INDUSTRY** DATA FINFISH INDUSTRY DATA COLLECTIONS FISH DATA PROCESSING **FISH MANAGEMENT** DATA STORAGE AND RETRIEVAL **FISHERIES** FISHING GEAR DATA TRANSMISSION **NETS** CONDITION INDEX **OYSTER INDUSTRY OYSTERS PROCESSING** RT SEAFOOD INDUSTRY **PHYSIOLOGY TRAPPING** CONDUCTIVITY COMMUNITY DEVELOPMENT RT ELECTRICITY **ECOLOGY** PHYSICAL PROPERTIES BT **ARTIFICIAL HABITATS** RT CONSERVATION **COMMUNITY STRUCTURE** SOIL CONSERVATION **POPULATION** NT WATER CONSERVATION REVEGETATION RT **ENDANGERED SPECIES** SUCCESSION

FISH MANAGEMENT FLOOD CONTROL FOREST MANAGEMENT INSECT CONTROL **FORESTRY** PEST CONTROL LAND MANAGEMENT QUALITY CONTROL LAND RECLAMATION SEDIMENT CONTROL LAND RESOURCES TEMPERATURE CONTROL NATIONAL SANCTUARIES WATER POLLUTION CONTROL NATIONAL SEASHORES WATER QUALITY CONTROL NATIONAL WILDLIFE REFUGES RT **HERBICIDES** NATURAL RESOURCES LAND MANAGEMENT **PARKS** LEGISLATION **PRESERVATION** MONITORING RESOURCES **PERMITS SCENERY PESTICIDES** WILDLIFE MANAGEMENT POLLUTION ABATEMENT REGULATION CONSOLIDATION WATERSHED MANAGEMENT RT DEPOSITION DIAGENESIS **COOLING WATER** LITHIFICATION **HEATED WATER** RT **SEDIMENTS ENTRAINMENT SOIL PROPERTIES** INDUSTRIAL WATER SUBSIDENCE **NUCLEAR POWER PLANTS** TEMPERATURE CONTROL CONSTRUCTION THERMAL POLLUTION **BRIDGE CONSTRUCTION** WATER TEMPERATURE NT OFFSHORE CONSTRUCTION ROAD CONSTRUCTION COPEPODS RT **ARCHITECTURE CRUSTACEANS** BT **BOAT BUILDING INVERTEBRATES COASTAL ENGINEERING PLANKTON COASTAL STRUCTURES** ZOOPLANKTON CONSTRUCTION COSTS **ENGINEERING** COPPER INDUSTRIAL DEVELOPMENT ANTIFOULING MATERIALS BT **URBANIZATION HEAVY METALS** METALS **CONSTRUCTION COSTS COPPER SULFATE** RT BT COSTS RT CONSTRUCTION COPPER SULFATE **COST ANALYSIS** INORGANIC COMPOUNDS RT SULFUR COMPOUNDS CONTINENTAL DRIFT RT **ALGICIDES GEOLOGY** COPPER RT **GEOPHYSICS PESTICIDES PALEOCLIMATOLOGY PALEONTOLOGY** CORAL CNIDARIA BT CONTINENTAL MARGIN **INVERTEBRATES** CONTINENTAL SHELF NT RT REEFS **CONTINENTAL SLOPE HYDROZOA COASTAL ZONE** RT TOPOGRAPHY **CORE DRILLING** BT **DRILLING CONTINENTAL SHELF** RT CORES CONTINENTAL MARGIN SAMPLING BT **BATHYMETRY** RT CONTINENTAL SLOPE CORES **GEOMORPHOLOGY CORE DRILLING** SUBMARINE CANYONS **DRILLING SAMPLING CONTINENTAL SLOPE SEDIMENTS** CONTINENTAL MARGIN BT **STRATIGRAPHY** RT CONTINENTAL SHELF **DEEP WATER CORIOLIS FORCE DEEP-WATER HABITATS** WATER CIRCULATION RT SUBMARINE CANYONS **TURBIDITY CURRENTS COST ANALYSIS ANALYSIS** BT CONTROL RT **COMPARATIVE STUDIES** AQUATIC WEED CONTROL CONSTRUCTION COSTS NT BIOLOGICAL CONTROL COSTS **ECONOMIC PREDICTION CULTURAL CONTROL**

EROSION CONTROL

EROSION CONTROL

ECONOMICS PESTICIDES FEASIBILITY STUDIES PLANTS FINANCING **SOIL CONSERVATION VEGETATION** COSTS WATERSHED MANAGEMENT **ESTIMATED COSTS** NT CONSTRUCTION COSTS CRUISES RT **COST ANALYSIS** RT **BOATING ECONOMIC EFFICIENCY DATA COLLECTIONS ECONOMIC PREDICTION** RECREATION **ECONOMICS SAILING** FINANCING **SURVEYS** INDUSTRIAL PRODUCTION MARKET VALUE **CRUSTACEANS MARKETING INVERTEBRATES** BT PROJECT PLANNING NT **AMPHIPODA TAXES BARNACLES BLUE CRAB** COWNOSE RAY COPEPODS UF RHINOPTERA BONASUS **CRABS** BT FISH **CRAYFISH** MARINE FISH ISOPODS RAYS LOBSTERS **MYSIDS CRAB INDUSTRY OSTRACODS INDUSTRIES** SHRIMP SEAFOOD INDUSTRY **BENTHIC FAUNA** RY NT SOFT-SHELL CRAB INDUSTRY CHITIN RT **BLUE CRAB MOLTING** CATCH **PLANKTON** CHITIN ZOOPLANKTON COMMERCIAL FISHING **CRABS CTENOPHORES FISHERIES** BT **INVERTEBRATES PROCESSING PLANKTON** TRAPPING CULTCH **CRABS AQUACULTURE BENTHIC FAUNA** BEDS UNDER WATER BT **CRUSTACEANS MARICULTURE INVERTEBRATES** OYSTER SETTING NT **BLUE CRAB** OYSTER GROUNDS CRAB INDUSTRY SHELLS RT SPAT CRASSOSTREA VIRGINICA USE **OYSTERS** CULTIVATION **AGRICULTURE** RT **CRAYFISH** AQUACULTURE BT **CRUSTACEANS CROPS INVERTEBRATES** MARICULTURE SOIL CONSERVATION **CREEL CENSUS** BT **CENSUS CULTURES** RT CATCH **ALGAE** RT **LANDINGS BACTERIA SAMPLING FUNGI** SPORT FISHING MICROBIOLOGY SEWAGE TREATMENT STATISTICS **SURVEYS CURRENT METERS CROAKER** BT **EQUIPMENT** UF ATLANTIC CROAKER RT **CURRENTS** MICROPOGONIAS UNDULATUS DATA COLLECTIONS DISCHARGE MEASUREMENT DRUMS BT FISH FLOW MEASUREMENT MARINE FISH **GAGING STATIONS HYDROGRAPHY** INSTRUMENTATION **CROPS MEASUREMENT** RT **AGRICULTURE** CULTIVATION STREAM GAGES VELOCITY **FERTILIZERS** WATER CIRCULATION **HERBICIDES** LAND USE WIND VELOCITY

CURRENTS

UF WATER CURRENTS NT **DENSITY CURRENTS TURBIDITY CURRENTS**

RT

CURRENT METERS
DIFFUSION DISCHARGE DYE RELEASES
ESTUARINE FLOW
FLOW CHARACTERISTICS

HYDRODYNAMICS MIXING

RIVER FLOW SAND WAVES

SEDIMENT TRANSPORT

STREAMFLOW STREAMS **TIDES TRANSPORT**

WATER CIRCULATION

CYANOBACTERIA

UF

BLUE-GREEN ALGAE BLUE-GREEN BACTERIA

BT

BACTERIA MICROORGANISMS

CYNOSCION NEBULOSUS
USE SPOTTED SEATROUT

CYNOSCION REGALIS USE WEAKFISH

16

D

DATA STORAGE AND RETRIEVAL

DAMS

RT BEAVERS

DIKES
FISH LADDERS
FISH PASSAGES
FLOOD CONTROL
HYDRAULICS

HYDROELECTRIC POWER

HYDROELECTRIC POWER PLANTS

IMPOUNDMENTS PONDS RESERVOIRS SEDIMENT CONTROL WATER STORAGE

DATA

NT CLIMATIC DATA

METEOROLOGICAL DATA

RT

CHARTS COMPUTERS

INFORMATION RETRIEVAL

INFORMATION SOURCES

DATA COLLECTIONS

RT CENSUS

CHARTS
CLIMATIC DATA
COMPUTERS
CRUISES
CURRENT METERS
DATA PROCESSING

DATA STORAGE AND RETRIEVAL DATA TRANSMISSION

DIRECTORIES
GAGING STATION
HYDROLOGIC DATA
INFORMATION RETRIEVAL
INFORMATION SOURCES

METEOROLOGICAL DATA MONITORING

MUSEUMS
SAMPLING
STATISTICS
SURVEYS

TIME SERIES ANALYSIS

DATA PROCESSING

RT ANALYSIS

AUTOMATION
COMPUTER MODELS
COMPUTER PROGRAMS

COMPUTERS DATA COLLECTIONS

DATA STORAGE AND RETRIEVAL

DATA STORAGE AND RETRIEVAL

RT COMPUTER MODELS COMPUTER PROGRAMS

COMPUTERS
DATA COLLECTIONS
DATA PROCESSING
DATA TRANSMISSION
INFORMATION RETRIEVAL
INFORMATION SOURCES

DATA TRANSMISSION

RT COMPUTER PROGRAMS

COMPUTERS
DATA COLLECTIONS
DATA PROCESSING

DDT BT

CHLORINATED HYDROCARBON

PESTICIDES

ORGANIC COMPOUNDS PESTICIDES

AGRICULTURE

MOSQUITOES
TOXIC SUBSTANCES

DECISION MAKING

RT

RT ADMINISTRATIVE DESICIONS

LEGAL ASPECTS
MANAGEMENT
POLITICAL ASPECTS
RECOMMENDATIONS
REGULATION

DECOMPOSITION

USE **DEGRADATION**

DEEP SEA FISHES

BT FISH

MARINE FISH

DEEP-WATER HABITATS

RT

DEEP WATER

RT

BATHYMETRY BOTTOM WATER CHANNELS

CONTINENTAL SLOPE DEEP-WATER HABITATS SOUNDING

SOUNDING

SUBMARINE CANYONS

DEEP-WATER HABITATS

BT HABITATS
RT CONTINEN

CONTINENTAL SLOPE DEEP SEA FISHES DEEP WATER

SUBMARINE CANYONS

DEER

BT MAMMALS RT HUNTING

DEFORMITIES

RT ALBINISM

ANATOMY MORPHOLOGY

DEGRADATION

UF DECOMPOSITION NT BIODEGRADATION

PETROLEUM DEGRADATION RT ANAEROBIC CONDITIONS

ANOXIA

BIOGEOCHEMICAL CYCLES

DETRITUS DIGESTION DISPOSAL FOULING

NUTRIENT CYCLES
OXIDATION

OXYGEN DEPLETION SLUDGE DISPOSAL

STABILITY
WEATHERING

DENITIRIFICATION

RT

AMMONIA NITRIFICATION NITRATES

NITRITES WATER CHEMISTRY NITROGEN CYCLE WATER QUALITY WATER SUPPLY **DENSITY** PHYSICAL PROPERTIES BT DESIGN **DENSITY CURRENTS** RT RT **ARCHITECTURE** DIFFUSION ART **GRAVITY ENGINEERING** INTERNAL WAVES MASS DESTRATIFICATION POPULATION RT **ESTUARINE FLOW STRATIFICATION** MIXING TURBIDITY **STRATIFICATION** WEIGHT **TIDAL EFFECTS** WATER CIRCULATION **DENSITY CURRENTS CURRENTS** BT **DETERGENTS** RT DENSITY **CHEMICAL WASTES** RT **ESTUARINE FLOW EUTROPHICATION** SALINE WATER INTRUSION MUNICIPAL WASTES SALINE WATER-FRESHWATER **PHOSPHATES** INTERFACES **POLLUTANTS** STRATIFICATION SEWAGE **TURBIDITY CURRENTS** WATER POLLUTION **DENSITY STRATIFICATION DETRITUS** STRATIFICATION USE RT **BIODEGRADATION** BIODEPOSITION DEPOSITION BIOGEOCHEMICAL CYCLES BIODEPOSITION DEGRADATION NT RT **ACCRETION** FOOD CHAINS **BEACHES HUMIC ACIDS BENTHOS** ORGANIC MATTER CONSOLIDATION ORGANIC WASTES DIAGENESIS SEDIMENTS HYDROGEOLOGY SUSPENDED LOAD SAND BARS SUSPENDED SEDIMENTS SAND SPITS WEATHERING SAND WAVES SEDIMENT TRANSPORT **DEVELOPMENT** SEDIMENTARY PETROLOGY RT **EMBRYONIC GROWTH STAGE** SEDIMENTARY STRUCTURES JUVENILE GROWTH STAGE SEDIMENTATION LARVAL GROWTH STAGE SEDIMENTATION RATES LIFE CYCLES SEDIMENTOLOGY OYSTER SETTING **SEDIMENTS** SETTLING VELOCITY **DEVELOPMENT (URBAN)** URBANIZATION SUBSIDENCE USE **DEPTH DIAGENESIS** USE **BATHYMETRY** SEDIMENTATION BT **BIOTURBATION** RT **DEPURATION** CONSOLIDATION **AERATION** DEPOSITION RT **AEROBIC BACTERIA** SEDIMENTOLOGY POLLUTION ABATEMENT WATER POLLUTION CONTROL **DIATOMACEOUS EARTH** WATER TREATMENT RT DIATOMS SILICA **DERMOCYSTIDIUM** SOILS PERKINSUS MARINUS UF MICROORGANISMS DIATOMS BT **PROTOZOA** BT **ALGAE DISEASES MICROORGANISMS** PHYTOPLANKTON **OYSTERS PLANKTON DESALINATION** RT **BENTHIC FAUNA** REVERSE OSMOSIS **DIATOMACEOUS EARTH** UF BT WATER TREATMENT SILICA **ELECTROCHEMISTRY** RT **ION EXCHANGE** DIETS ION TRANSPORT RT DIGESTION MINERAL INDUSTRY **FOOD CHAINS** SALINITY **FOOD HABITS**

FOODS DISCHARGE PLUME **METABOLISM** DISCHARGE NUTRITION **EFFLUENTS HYDRAULICS** DIFFUSION MIXING **TRANSPORT** BT WATER CIRCULATION NT **OSMOSIS** RT **ADSORPTION DISEASE RESISTANCE CURRENTS** RESISTANCE BT **DENSITY** RT **ANTIBIOTICS** DISPERSION DISEASES **ENERGY TRANSFER** FISH DISEASES **HYDRAULICS** IMMUNITY ION EXCHANGE **PATHOLOGY** ION TRANSPORT MIXING **DISEASES OSMOREGULATION** ANIMAL DISEASES HE NT **FISH DISEASES** DIGESTION **HUMAN DISEASES** ANIMAL METABOLISM PLANT DISEASES RT BIODEGRADATION RT **BACTERIA DEGRADATION** CARCINOGENS **DIETS** DERMOCYSTIDIUM **ENZYMES** DISEASE RESISTANCE FOOD HABITS **ENVIRONMENTAL EFFECTS EPIDEMIOLOGY FOODS METABOLISM EPIZOOTIOLOGY** NUTRITION FISH PARASITES PHYSIOLOGY **FISHKILL IMMUNITY** DIKES MICROBIOLOGY **COASTAL STRUCTURES** MORTALITY RT DAMS MSX FLOOD CONTROL **PARASITES JETTIES PARASITISM** SHORE PROTECTION PATHOGENIC BACTERIA PATHOGENIC FUNGI DINOFLAGELLATES **PATHOLOGY** BT **ALGAE** PLANT PATHOLOGY **MICROORGANISMS PUBLIC HEALTH PHYTOPLANKTON VECTORS PLANKTON VIRUSES PROTOZOA** WATER POLLUTION RT **RED TIDE** WATER POLLUTION EFFECTS **DIRECTORIES** DISINFECTION **DATA COLLECTIONS** RT **BACTERIA** INFORMATION SOURCES CHLORINATION MICROORGANISMS DISCHARGE WATER TREATMENT **CURRENT METERS** RT DISCHARGE MEASUREMENT DISPERSION DISCHARGE PLUME BT **TRANSPORT EFFLUENTS** RT **ENERGY TRANSFER FLOODS** DIFFUSION DYE RELEASES FLOW MEASUREMENT **GROUNDWATER MIGRATION HYDRAULICS MIXING LOW FLOW** SUSPENSION RAINFALL-RUNOFF DISPOSAL RELATIONSHIPS **RIVER FLOW** NT OCEAN DUMPING RUNOFF SEWAGE DISPOSAL STREAM FLOW SLUDGE DISPOSAL SPOIL DISPOSAL STREAM GAGES WASTE DISPOSAL DISCHARGE MEASUREMENT WASTE WATER DISPOSAL BIODEGRADATION **MEASUREMENT** RT BT **CURRENT METERS** DEGRADATION RT DISCHARGE INCINERATION FLOW MEASUREMENT **LANDFILLS** MUNICIPAL WASTES **HYDRAULICS** POLLUTION STREAM GAGES

SEWAGE EFFLUENTS **DOLPHINS SEWERS** MAMMALS BT WASTE TREATMENT MARINE MAMMALS WASTE WATER TREATMENT WATER POLLUTION DRAINAGE **HYDROLOGY** RT **DISSOLVED OXYGEN** LAND MANAGEMENT **GASES** LAND RECLAMATION BT **AERATION** RUNOFF RT **AEROBIC CONDITIONS** SOIL CONSERVATION ANAEROBIC CONDITIONS SOIL-WATER-PLANT RELATIONSHIPS **ANOXIA** STORM RUNOFF **BIOCHEMICAL OXYGEN DEMAND** STREAMS **EUTROPHICATION** SURFACE WATERS **HYDROGRAPHY** WATER MANAGEMENT OXYGEN WATER TABLE **OXYGEN DEMAND** WATERSHED MANAGEMENT **OXYGEN DEPLETION** WATERSHEDS WATER ANALYSIS WATER QUALITY DREDGE SPOIL WASTES BT DISTRIBUTION RT ARTIFICIAL HABITATS DIURNAL DISTRIBUTION NT DREDGING **ECOLOGICAL DISTRIBUTION** SPOIL DISPOSAL SEASONAL DISTRIBUTION SEDIMENT DISTRIBUTION DREDGING SPATIAL DISTRIBUTION Refers to both sediment dredging and SN TEMPORAL DISTRIBUTION fishing dredges RT **ABUNDANCE** CANALS RT **DISTRIBUTION PATTERNS** CHANNEL IMPROVEMENT MIGRATION **CHANNELING NEW RECORDS** DREDGE SPOIL **POPULATION** FISHING GEAR **GEOLOGY** DISTRIBUTION PATTERNS **HARBORS** ABUNDANCE RT SEDIMENT CONTROL DISTRIBUTION **SEDIMENTS ENVIRONMENTAL GRADIENT** SPOIL DISPOSAL MAPPING SUSPENDED SEDIMENTS MIGRATION **NEW RECORDS** DRILLING **PROFILES CORE DRILLING** NT SEDIMENT DISTRIBUTION RT **CORES** SPATIAL DISTRIBUTION **EXPLORATION FOSSIL FUELS DIURNAL DISTRIBUTION GAS INDUSTRY** DISTRIBUTION BT **GEOLOGIC INVESTIGATIONS** MIGRATION RT OFFSHORE CONSTRUCTION **NOCTURNAL** OIL TEMPORAL DISTRIBUTION **OIL INDUSTRY** VERTICAL MIGRATION **PERMITS** SAMPLING DIVERSIFICATION SURVEYS COMMUNITY STRUCTURE **WELLS EVOLUTION SPECIATION DROUGHTS** VARIABILITY RT CLIMATOLOGY **ENVIRONMENTAL EFFECTS** DIVING **HYDROLOGY SCUBA DIVING LOW FLOW** BT RECREATION **PRECIPITATION SWIMMING** RT **RAINFALL** UNDERWATER PHOTOGRAPHY **STRESS TOLERANCE DOCKS** WATER CONSERVATION **PIERS** UF WATER LEVELS **BOATING** RT WATER STORAGE **BULKHEADS** WATER SUPPLY **COASTAL STUCTURES WATER TABLE HARBORS** WEATHER **JETTIES MARINAS**

PORTS

RADIOACTIVE WASTES

SANITARY ENGINEERING

DRUMS

NT

BT

FISH MARINE FISH CROAKER PERCHES

SPOT

SPOTTED SEATROUT

WEAKFISH

DUCKS BT

WATERFOWL

RT **BIRDS**

GEESE SWANS

DUNES

RT **BEACH EROSION**

BEACHES

BERMS

GEOMORPHOLOGY

ISLANDS

EROSION CONTROL SAND BARS

SAND SPITS SAND WAVES

SANDS

SEDIMENTARY STRUCTURES

SHORE PROTECTION

DYE RELEASES

CURRENTS RT

DISPERSION **TAGGING TRACERS**

WATER CIRCULATION

DYNAMICS

NT

HYDRODYNAMICS POPULATION DYNAMICS

RT KINETICS MOVEMENT

SEDIMENT TRANSPORT VELOCITY

ECONOMIC FEASIBILITY E **COST ANALYSIS ECONOMIC EFFICIENCY ECONOMICS** E.COLI FEASIBILITY STUDIES ESCHERICHIA COLI UF FINANCING BACTERIA RT PROJECT PLANNING **COLIFORMS MICROORGANISMS ECONOMIC IMPACT** RT PATHOGENIC BACTERIA **ECONOMICS** RT SEWAGE BACTERIA **EMPLOYMENT** VALUE **EARTHQUAKES** RT **GEOLOGY ECONOMIC PREDICTION SEISMIC STUDIES COST ANALYSIS** RT **TURBIDITY CURRENTS ECONOMICS FINANCING ECHINODERMS BENTHIC FAUNA** RT **ECONOMICS INVERTEBRATES** RT **ADMINISTRATION** NT **ANEMONES** ADMINISTRATIVE DECISIONS COST ALLOCATION **ECOLOGICAL DISTRIBUTION COST ANALYSIS** ZONATION COSTS BT DISTRIBUTION **ECONOMIC EFFICIENCY** RT COMMUNITY STRUCTURE **ECONOMIC FEASIBILITY FCOLOGY ECONOMIC IMPACT ECOSYSTEMS ECONOMIC PREDICTION ENVIRONMENTAL GRADIENT EMPLOYMENT** MIGRATION **FEASIBILITY STUDIES** SPATIAL DISTRIBUTION FINANCING SUCCESSION INCOME INDUSTRIAL PRODUCTION **ECOLOGICAL IMPACT** LABOR **ECOLOGY** RT LAND RESOURCES **ENVIRONMENTAL EFFECTS LEGAL ASPECTS ENVIRONMENTAL IMPACTS** MANAGEMENT POLLUTION MARKET VALUE MARKETING **ECOLOGY** POLITICAL ASPECTS RT **BEHAVIOR** PROJECT PLANNING COMMUNITY DEVELOPMENT RESOURCE ALLOCATION COMMUNITY STRUCTURE RESOURCES COMPETITION SOCIAL ASPECTS **ECOLOGICAL DISTRIBUTION** SOCIO-ECONOMICS **ECOLOGICAL IMPACT TAXES ECOSYSTEMS URBANIZATION FOOD CHAINS VALUE HABITATS** LIFE HISTORY STUDIES **ECOSYSTEMS** MIGRATION **COMMUNITY STRUCTURE** RT **NICHES ECOLOGICAL DISTRIBUTION PARASITISM ECOLOGY POPULATION FOOD CHAINS** POPULATION DYNAMICS **NICHES PREDATION** SUCCESSION PRIMARY PRODUCTIVITY TROPHIC LEVEL **PRODUCTIVITY** SECONDARY PRODUCTIVITY **EDUCATION SPECIES** RT MARINE EDUCATION MATERIALS SUCCESSION RESEARCH FACILITIES SYMBIOSIS SOCIAL ASPECTS TROPHIC LEVEL **VERTICAL MIGRATION EEL GRASS** UF **ZOSTERA MARINA ECONOMIC EFFICIENCY** BT PLANTS COSTS **SEAGRASS ECONOMIC FEASIBILITY** SUBMERGED PLANTS **ECONOMICS** RT **AQUATIC WEEDS FINANCING** BENTHIC FLORA INCOME **EPIPHYTES MARKETING PLANNING EELS VALUE** UF **ANGUILLA ROSTRATA**

BT FISH **ELECTROPHORESIS** FRESHWATER FISH RT CHEMICAL ANALYSIS **EFFLUENTS** SEWAGE EFFLUENTS NT RT DISCHARGE DISCHARGE PLUME **ELEVATION** POLLUTANT IDENTIFICATION **BENCHMARKS** RT SANITARY ENGINEERING **PROFILES SEWAGE SEA LEVEL** SEWAGE DISPOSAL THERMAL POLLUTION SURVEYS TREATMENT FACILITIES WASTE WATER WASTE WATER DISPOSAL **WASTES EMBRYONIC GROWTH STAGE** WATER POLLUTION BT WATER POLLUTION SOURCES RT **BIRD EGGS** DEVELOPMENT **EGGS FGGS** NT **BIRD EGGS FISH EGGS GROWTH STAGES INSECT EGGS EMPLOYMENT** RT **EMBRYONIC GROWTH STAGE** RT **FECUNDITY** FISH REPRODUCTION LABOR **HATCHING** LIFE CYCLES **NESTING NESTS POULTRY** REPRODUCTION **ENDANGERED SPECIES SPAWNING** RT **PRESERVATION ELECTRIC POWER PRODUCTION** WILDLIFE RT **ELECTRICITY** HYDROELECTRIC POWER PLANTS **NUCLEAR POWER PLANTS ENERGY POWER PLANTS** NT **TIDAL ENERGY** ELECTRICITY RT **ELECTRIC POWER PLANTS** USE POWER PLANTS **HEAT ELECTRICITY** KINETICS CONDUCTIVITY RT LIGHT RADIATION **ELECTRIC POWER PRODUCTION ELECTROCHEMISTRY ELECTRODES** ENERGY WAVES HYDROELECTRIC POWER

POWER PLANTS

UTILITIES

ELECTROCHEMISTRY

DESALINATION RT

ELECTRICITY **ELECTRODES ELECTROPHORESIS**

PHYSICOCHEMICAL PROPERTIES

ELECTRODES

BT RT **EQUIPMENT** ELECTRICITY

ELECTROCHEMISTRY

ELECTRON MICROSCOPY MICROSCOPY

RT RT

ANALYTICAL TECHNIQUES

HISTOLOGICAL INVESTIGATIONS

LABORATORY EQUIPMENT

ULTRASTRUCTURE

ANALYTICAL TECHNIQUES

CHROMATOGRAPHY **ELECTROCHEMISTRY**

SUBSIDENCE **TOPOGRAPHY** WATER LEVELS

GROWTH STAGES

FISH EGGS INSECT EGGS

ECONOMIC IMPACT

ECONOMICS MANPOWER **OCCUPATIONS PERSONNEL** SOCIO-ECONOMICS

CONSERVATION

WILDLIFE MANAGEMENT

ENERGY BUDGET

ENERGY TRANSFER

SOLAR RADIATION THERMODYNAMICS

ENERGY BUDGET

CARBON CYCLE RT

NUTRIENT CYCLES ENERGY ENERGY TRANSFER

FOOD CHAINS PRIMARY PRODUCTIVITY THERMODYNAMICS

ENERGY TRANSFER

NT TRANSPORT

RT **AIR-WATER INTERFACES**

DIFFUSION DISPERSION **ENERGY ENERGY BUDGET**

HEAT

HYDROELECTRIC POWER

METABOLISM

RADIATION

SEDIMENT TRANSPORT

THERMODYNAMICS ENZYMES TROPHIC LEVEL ORGANIC COMPOUNDS BT WAVES RT **BIOCHEMISTRY** DIGESTION **ENGINEERING HORMONES** NT COASTAL ENGINEERING **METABOLISM ENVIRONMENTAL ENGINEERING PHYSIOLOGY** SANITARY ENGINEERING PLANT PHYSIOLOGY RT **ARCHITECTURE PROTFINS** CONSTRUCTION **DESIGN EPIDEMIOLOGY HYDRAULICS** RT DISEASES MILITARY ASPECTS **EPIZOOTIOLOGY** OFFSHORE CONSTRUCTION **HUMAN DISEASES** STRUCTURAL ANALYSIS MORTALITY **TUNNELS** PATHOGENIC BACTERIA **PATHOLOGY ENTOMOLOGY** PLANT DISEASES INSECT CONTROL RT PUBLIC HEALTH **INSECT EGGS** VIRUSES **INSECTS** PEST CONTROL **EPIPHYTES** ALGAE RT **ENTRAINMENT EEL GRASS COOLING WATER** RT **FOULING** INTAKES **SEAGRASS MIXING NUCLEAR POWER PLANTS EPIZOOTIOLOGY POWER PLANTS DISEASES** RT **EPIDEMIOLOGY ENVIRONMENTAL EFFECTS FISH PARASITES** RT **ACCLIMATION PARASITES DISEASES** PATHOGENIC BACTERIA **PUBLIC HEALTH DROUGHTS ECOLOGICAL IMPACT VIRUSES ENVIRONMENTAL GRADIENTS ENVIRONMENTAL IMPACTS EQUIPMENT HABITATS COMPUTERS** NT **PHYSIOLOGY CURRENT METERS** RESISTANCE **ELECTRODES TIDAL EFFECTS FISHING GEAR** LABORATORY EQUIPMENT TOI FRANCE **VEGETATION EFFECTS NAVIGATIONAL AIDS** WEATHER **NETS** WEATHERING **SPECTROMETERS** SONIC GEAR STREAM GAGES **ENVIRONMENTAL ENGINEERING** THERMOMETERS **ENGINEERING** BT RT **ARTIFICIAL HABITATS** RT **GAGING STATIONS** COASTAL STRUCTURES **LANDFILLS EROSION** PUBLIC HEALTH **BEACH EROSION** NT SANITARY ENGINEERING SHORELINE EROSION **SOIL EROSION ENVIRONMENTAL GRADIENT** RT **EROSION CONTROL ECOLOGICAL DISTRIBUTION** FLOOD DAMAGE RT **DISTRIBUTION PATTERNS GEOLOGY ENVIRONMENTAL EFFECTS** GEOMORPHOLOGY PROFILES **HURRICANES STRATIFICATION HYDROGEOLOGY** SUCCESSION LAND MANAGEMENT THERMOCLINE LAND USE **RAINFALL-RUNOFF RELATIONSHIPS ENVIRONMENTAL IMPACTS** RUNOFF RT **ECOLOGICAL IMPACT** SEDIMENT TRANSPORT **ENVIRONMENTAL EFFECTS** SHORE PROTECTION SHORELINE CHANGE LEGISLATION **POLLUTION** SHORELINE COVER **PUBLIC HEALTH** SHORELINE STABILITY **STABILITY** THERMAL POLLUTION STORM RUNOFF WATER POLLUTION WATER POLLUTION EFFECTS STORM SURGE WATER QUALITY **STORMS**

SUSPENDED LOAD SUSPENDED SEDIMENTS TURBIDITY CURRENTS VEGETATION EFFECTS WAVES WEATHERING

PHOSPHORUS PHYTOPLANKTON POLLUTION

PHOSPHATES

PRIMARY PRODUCTIVITY

SEWAGE DISPOSAL SEWAGE EFFLUENTS WATER POLLUTION

WATER POLLUTION EFFECTS

WATER QUALITY

EROSION CONTROL

BT RT CONTROL
BEACH EROSION
BREAKWATERS
BULKHEADS

COASTAL ENGINEERING
COASTAL STRUCTURES

CONSERVATION

DUNES
EROSION
FLOOD CONTROL
LAND MANAGEMENT
LAND RECLAMATION
LAND USE

MARSH MANAGEMENT SHORE PROTECTION SHORELINE CHANGE

SHORELINE COVER SHORELINE STABILITY SEDIMENT CONTROL SOIL CONSERVATION

SOIL EROSION
VEGETATION EFFECTS

VEGETATION ESTABLISHMENT WATERSHED MANAGEMENT

ESCHERICHIA COLI USE E.COLI

ESTIMATED COSTS
USE COSTS

ESTUARINE FISH

USE MARINE FISH

ESTUARINE FLOW

BT RT WATER CIRCULATION

CURRENTS

DENSITY CURRENTS DESTRATIFICATION RIVER FLOW

SALINE WATER INTRUSION SALINE WATER-FRESHWATER

INTERFACES STRATIFICATION TIDAL EFFECTS TIDES

EUTROPHICATION

UF

NUTRIENT ENRICHMENT AND

ORGANIC LOADING ALGAE

RT

AMMONIA ANOXIA DETERGENTS DISSOLVED OXYGEN FERTILIZERS FISHKILL

INDUSTRIAL WASTES

NITRATES NITRITES NITROGEN

NON POINT SOURCES NUTRIENT CYCLES NUTRIENTS OXYGEN DEMAND OXYGEN DEPLETION **EVOLUTION**

RT

DIVERSIFICATION
FOSSILS
GENETICS
MUTATIONS
NEW GENERA
NEW SPECIES
PHYLOGENY
SPECIATION

EXPLOITATION

RT

GAS INDUSTRY
NATURAL RESOURCES
OIL INDUSTRY

EXPLORATION RT

DRILLING

GAS INDUSTRY

GEOLOGIC INVESTIGATIONS

LEASES MAPPING MAPS

MINERAL INDUSTRY
OIL INDUSTRY
SAMPLING
SOUNDING
SURVEYS

EXPLOSIONS

RT

MILITARY ASPECTS SEISMIC STUDIES

EUTROPHICATION F **NITRATES** NITROGEN COMPOUNDS NON POINT SOURCES **FACILITY SITING NUTRIENTS** RT INDUSTRIAL DEVELOPMENT ORGANIC MATTER INDUSTRIAL PLANTS **ORGANIC WASTES** LAND USE **PHOSPHATES NUCLEAR POWER PLANTS PHOSPHORUS POWER PLANTS** PHOSPHORUS COMPOUNDS TREATMENT FACILITIES **POLLUTANTS UREAS FARM MANAGEMENT** WATER POLLUTION **AGRICULTURE** USF WATER POLLUTION SOURCES **FEASIBILITY STUDIES FETCH** PROJECT FEASIBILITY UF **WAVES COST ANALYSIS** RT WIND VELOCITY ECONOMIC FEASIBILITY WINDS **ECONOMICS FINANCING FILTRATION PLANNING** SEWAGE TREATMENT RT PROJECT PLANNING WASTE TREATMENT RECOMMENDATIONS WASTE WATER TREATMENT WATER TREATMENT **FECUNDITY** RT **BREEDING FINANCING EGGS** RT COSTS **FISH EGGS COST ANALYSIS** FISH REPRODUCTION **ECONOMIC EFFICIENCY** LARVAE POPULATION ECONOMIC FEASIBILITY
ECONOMIC PREDICTION POPULATION DYNAMICS **ECONOMICS PRODUCTIVITY FEASIBILITY STUDIES** REPRODUCTION MARKETING SPAWNING PLANNING **FEDERAL GOVERNMENT FINFISH INDUSTRY ADMINISTRATIVE AGENCIES** RT BT **INDUSTRIES AGENCIES** SEAFOOD INDUSTRY LEGAL ASPECTS RT CATCH LEGISLATION COMMERCIAL FISH MILITARY ASPECTS COMMERCIAL FISHING POLITICAL ASPECTS **FISH** TAXES FISHERIES LANDINGS FEDERAL JURISDICTION USE JURISDICTION **FISH** SN Recommend use of more specific term **FEEDING** when available in the keyword list; **BEHAVIOR** RT this term is used only for entries **FEEDING RATES** which contain fish not identified in the FISH BEHAVIOR keywood list and for entries **FOOD CHAINS** containing more than 6-8 fish species FOOD HABITS NT **ALOSIDS FOODS AMERICAN SHAD** NUTRITION ANADROMOUS FISH **PREDATION ANCHOVIES** ATLANTIC MENHADEN **FEEDING RATES BASSES FEEDING** RT **BLUEBACK HERRING FOOD HABITS** BI LIFFISH **FOODS** BLUEGILL **PREDATION BUTTERFISH PRODUCTIVITY** CARP **CATFISHES FERNS COBIA PLANTS** BT **COMMERCIAL FISH** RT **SPORES COWNOSE RAY**

CROAKER

FLOUNDER

DRUMS

FFLS

DEEP SEA FISHES

FERTILIZERS

AGRICULTURE

CROPS

AMMONIUM COMPOUNDS

	FRESHWATER FISH GARS GOBIES	FISH CONSERVATION USE FISH MANAGEMENT
	HAKE HERRINGS HOGCHOKER JUVENILE FISHES KILLIFISHES LAMPREYS MACKEREL MARINE FISH MINNOWS MULLETS MUMMICHOG	FISH DISEASES BT DISEASES RT BACTERIA DISEASE RESISTANCE FISH FISH PARASITES FISH PHYSIOLOGY FISHKILL IMMUNITY MORTALITY PARASITES
	PERCHES PIKE PUFFER RAYS SCUP SEA BASSES SEAROBINS	PARASITISM PATHOGENIC BACTERIA PATHOLOGY VIRUSES FISH EGGS BT EGGS
	SHAD SHARKS SILVERSIDES SKATES SPORT FISH SPOT SPOTTED SEATROUT STICKLEBACKS STRIPED PAGE	RT ÉMBRYONIC GROWTH STAGE FECUNDITY FISH FISH REPRODUCTION GROWTH STAGES HATCHERIES ICHTHYOPLANKTON LIFE CYCLES
	STRIPED BASS STURGEONS SUCKERS SUNFISHES TOADFISH	SPAWNING FISH HATCHERIES USE HATCHERIES
RT	TROUT WEAKFISH WHITE BASS WHITE PERCH YELLOW PERCH COMMERCIAL FISHING	FISH LADDERS RT DAMS FISH FISH MIGRATION FISH PASSAGES
н	COMMERCIAL FISHING FINFISH INDUSTRY FISH BEHAVIOR FISH DISEASES FISH EGGS FISH LADDERS FISH MANAGEMENT FISH MIGRATION FISH PARASITES FISH PASSAGES FISH PHYSIOLOGY FISH REPRODUCTION FISH SCALES	MIGRATION FISH MANAGEMENT UF FISH CONSERVATION BT MANAGEMENT COMMERCIAL FISHING CONSERVATION FISH FISH REPRODUCTION FISH STOCKING FISHES HATCHERIES LEGISLATION
	FISH STOCKING FISH TAXONOMY FISHERIES FISHING GEAR FISHKILL HATCHERIES	PRESERVATION PRODUCTIVITY REGULATION WILDLIFE MANAGEMENT
	ICHTHYOPLANKTON SEAFOOD INDUSTRY SPORT FISHING	BT MIGRATION RT ANADROMOUS FISH BEHAVIOR FISH
FISH BEHAVIOR BT RT	BEHAVIOR FEEDING FISH FISH MIGRATION FISH REPRODUCTION FOOD HABITS MIGRATION REPRODUCTION SPAWNING	FISH BEHAVIOR FISH LADDERS FISH PASSAGES FISH REPRODUCTION LIFE HISTORY STUDIES SPAWNING SWIMMING TAGGING VERTICAL MIGRATION

FISH PARASITES HATCHERIES **PARASITES** BT LANDINGS RT DISEASES MARINE FISH **EPIZOOTIOLOGY** MARINE RESOURCES FISH NATURAL RESOURCES FISH DISEASES **NETS FISHKILL** OYSTER INDUSTRY **LAMPREYS** SEAFOOD INDUSTRY **PARASITISM** SOFT-SHELL CRAB INDUSTRY SPORT FISHING **FISH PASSAGES** RT DAMS FISHING GEAR FISH **EQUIPMENT** BT **FISH LADDERS** RT **BOATS FISH MIGRATION** COMMERCIAL FISHING INTAKES DREDGING **FISH** FISH PHYSIOLOGY **NETS** BT **PHYSIOLOGY** SEINING RT FISH **SPORT FISHING** FISH DISEASES **TRAPPING** FISH REPRODUCTION **TRAWLING GROWTH RATES GROWTH STAGES FISHKILL METABOLISM** RT **ANOXIA DISEASES FISH REPRODUCTION EUTROPHICATION** REPRODUCTION BT FISH BREEDING RT FISH DISEASES **EGGS FISH PARASITES FECUNDITY** MORTALITY **FISH OXYGEN DEPLETION FISH BEHAVIOR** PREDATION **FISH EGGS** WATER POLLUTION EFFECTS FISH MANAGEMENT **FISH MIGRATION FLATWORMS** FISH PHYSIOLOGY **PLATYHELMINTHES** USE **GENETICS GONADS FLOCCULATION HATCHERIES CLAY MINERALS** RT LIFE CYCLES **COLLOIDS** LIFE HISTORY STUDIES **SEDIMENTATION** SEXUAL MATURITY SEWAGE TREATMENT **SPAWNING** SUSPENDED SEDIMENTS **FISH SCALES** FLOOD CONTROL **ANATOMY** FLOOD PROTECTION RT UF FISH BT CONTROL RT CHANNEL IMPROVEMENTS FISH STOCKING DAMS **AQUACULTURE DIKES** RT **EROSION CONTROL** FISH FISH MANAGEMENT FLOOD DAMAGE **HATCHERIES** FLOOD PLAINS **HYBRIDS FLOODS PONDS** HABITAT IMPROVEMENT HYDRAULICS FISH TAXONOMY **HYDROLOGY** RESERVOIRS ВТ **TAXONOMY** RT **FISH RIVER BASINS** IDENTIFICATION **RUNOFF** WATER MANAGEMENT **KEYS SYSTEMATICS** WATERSHED MANAGEMENT **WATERSHEDS FISHERIES** FLOOD DAMAGE CATCH RT **CLAM INDUSTRY EROSION** RT COMMERCIAL FISH FLOOD CONTROL **COMMERCIAL FISHING** FLOODS HISTORIC FLOOD **CRAB INDUSTRY**

WATER LEVELS

COASTAL PLAINS

FLOOD PLAINS

FINFISH INDUSTRY

FISH MANAGEMENT HARVESTING

FISH

FLOODS BIOLUMINESCENCE RT SEDIMENTATION **FLOUROMETRY ZONING** LIGHT **PIGMENTS** FLOOD PROTECTION **SPECTROPHOTOMETRY** FLOOD CONTROL USE **SPECTROSCOPY FLOODS FLUORIDES** HISTORIC FLOOD **HALOGENS** NT BT DISCHARGE INORGANIC COMPOUNDS RT FLOOD CONTROL FLOOD DAMAGE **FLUOROMETRY** FLOOD PLAINS **ANALYSIS** BT **HURRICANES ANALYTICAL TECHNIQUES HYDRAULICS** RT **CHEMICAL ANALYSIS HYDROLOGY CHROMATOGRAPHY PRECIPITATION FLUORESCENCE RAINFALL OPTICAL PROPERTIES** RAINFALL INTENSITY **RAINFALL-RUNOFF RELATIONSHIPS FLY ASH RIVER FLOW** ASH LIF AIR POLLUTION RUNOFF RT **SOIL EROSION INDUSTRIAL WASTES** STORM RUNOFF **POLLUTANTS** STORM SURGE **STORMS** FOOD ABUNDANCE STREAMFLOW **ABUNDANCE** BT SUBMERGENCE RT **FOOD CHAINS** WATER LEVELS FOOD HABITS **WATERSHEDS FOODS** WEATHER NUTRITION **PRODUCTIVITY FLORA** USE **PLANTS FOOD CHAINS** BIOACCUMULATION RT **FLOUNDER CARBON CYCLE** PARALICHTHYS DENTATUS **DETRITUS** вт **BENTHIC FAUNA DIETS** FISH **ECOLOGY** MARINE FISH **ECOSYSTEMS ENERGY BUDGET FLOW CHARACTERISTICS FEEDING** FOOD ABUNDANCE RT **CURRENTS** FLOW MEASUREMENT **FOOD HABITS HYDRAULICS FOODS HYDRODYNAMICS NUTRIENT CYCLES PREDATION LOW FLOW** PRIMARY PRODUCTIVITY **RIVER FLOW** STREAMFLOW **PRODUCTIVITY** SECONDARY PRODUCTIVITY **TIDAL EFFECTS TURBULENCE** TROPHIC LEVEL FLOW MEASUREMENT **FOOD HABITS FLOW RATES BEHAVIOR** UF RT BT **MEASURMENT** DIETS **CURRENT METERS** DIGESTION RT DISCHARGE FISH BEHAVIOR DISCHARGE MEASUREMENT **FFFDING FEEDING RATES FLOW CHARACTERISTICS GAGING STATIONS FOOD ABUNDANCE HYDRAULICS FOOD CHAINS HYDRODYNAMICS FOODS PREDATION LOW FLOW** SECONDARY PRODUCTIVITY **RIVER FLOW** STREAM GAGES FOODS **STREAMFLOW VELOCITY** RT **DIETS** DIGESTION **FLOW RATES FEEDING** FLOW MEASUREMENT **FEEDING RATES** USE

FLUORESCENCE

FLOOD CONTROL

FOOD ABUNDANCE FOOD CHAINS FOOD HABITS NUTRITION

• • •

FORAMINIFERA

RT

BT

BENTHIC FAUNA MICROORGANISMS

PROTOZOA FOSSILS

FOREST MANAGEMENT

BT RT MANAGEMENT CONSERVATION FORESTRY FORESTS

LAND MANAGEMENT LAND USE

SOIL CONSERVATION TREES

WATER CONSERVATION
WATERSHED MANAGEMENT

FORESTRY

RT

CONSERVATION FOREST MANAGEMENT

FORESTS
PULP AND PAPER INDUSTRY

TREES

WATERSHED MANAGEMENT

FORESTS

RT

FOREST MANAGEMENT

FORESTRY

LAND MANAGEMENT LAND RESOURCES

LAND USE

NATURAL RESOURCES

PLANTS SWAMPS TREES VEGETATION

FOSSIL FUELS

NT

AIR POLLUTION COAL DRILLING MINING

MINING NATURAL GAS

NATURAL RESOURCES

OIL

FOSSILS

ARCHAEOLOGY EVOLUTION FORAMINIFERA GEOLOGIC TIME GEOLOGY

PALEOCLIMATOLOGY PALEONTOLOGY

FOULING

RT

ANTIFOULING MATERIALS AQUATIC WEEDS

BARNACLES
BRYOZOA
DEGRADATION
EPIPHYTES
HYDROZOA

TBT

WATER POLLUTION EFFECTS

FRESHWATER

RT

FRESHWATER FISH

FRESHWATER MARSHES

GROUNDWATER PONDS

RESERVOIRS

SALINE WATER-FRESHWATER

INTERFACE STREAMS SWAMPS

WATER RESOURCES

FRESHWATER FISH

BT FISH

NT BLUEGILL

CARP
CATFISHES
EELS
GARS
LAMPREYS
PERCHES
PIKE

PIKE STICKLEBACKS SUCKERS SUNFISHES TROUT WHITE BASS

RT ANADROMOUS FISH

FRESHWATER

FRESHWATER MARSHES

UF MARSHES (FRESHWATER)

BT WETLANDS RT FRESHWATER

MARSH MANAGEMENT

MARSH PLANTS SALT MARSHES SWAMPS

FROGS

BT AMPHIBIANS

FUNDULUS HETEROCLITUS

USE MUMMICHOG

FUNGI

UF

RT

AQUATIC FUNGI AND MARINE FUNGI

NT PATHOGENIC FUNGI

YEASTS CULTURES

FUNGICIDES LICHENS MICROBIOLOGY MICROORGANISMS PLANT DISEASES SPORES

FUNGICIDES

RT ANTIBIOTICS

FUNGI PESTICIDES G

SPECIATION

	G		SPECIATION
		GEOCHEMISTRY	
		NT	SOIL CHEMISTRY
RT RT	CURRENT METERS DATA COLLECTIONS	RT	BIOGEOCHEMICAL C' GEOLOGIC INVESTIG GEOLOGY
	EQUIPMENT FLOW MEASUREMENT INSTRUMENTATION		GEOPHYSICS MINERALOGY PETROLOGY
	MEASUREMENT STREAM GAGES WATER LEVELS		RADIOACTIVE DATING SEDIMENTARY PETR SOIL ANALYSIS
GARS	FIGU		TRACE ELEMENTS WATER CHEMISTRY
ВТ	FISH FRESHWATER FISH		WEATHERING
040 01100147001	A DUIV	GEOLOGIC FORM	
GAS CHROMATOGE BT	ANALYTICAL TECHNIQUES	RT	COASTAL PLAINS
ы	CHEMICAL ANALYSIS CHROMATOGRAPHY		GEOLOGIC INVESTIG
	GASES		PALEONTOLOGY REEFS
GAS INDUSTRY			ROCKS SEDIMENTARY STRU
RT	DRILLING EXPLOITATION		STRATIGRAPHY
	EXPLORATION	GEOLOGIC INVEST	TICATIONS
	GASES	RT RES	DRILLING
	LEASES		EXPLORATION
	NATURAL GAS OFFSHORE CONSTRUCTION		GEOCHEMISTRY
	OIL INDUSTRY		GEOLOGIC FORMATI GEOLOGY
GASES			GEOPHYSICS
NT	CARBON DIOXIDE		HYDROGEOLOGY MAPPING
	DISSOLVED OXYGEN		SEDIMENTOLOGY
	HYDROGEN SULFIDE METHANE		SEISMIC STUDIES
	NATURAL GAS		STRATIGRAPHY SURVEYS
	NITROGEN		CONVETO
	OXYGEN	GEOLOGIC TIME	
RT	OZONE GAS CHROMATOGRAPHY	NT	CENOZOIC ERA
ni .	GAS INDUSTRY		MESOZOIC ERA MIOCENE EPOCH
			PLEISTOCENE EPOC
GASTROPODS	INIVERTERRATES		TERTIARY PERIOD
BT	INVERTEBRATES MOLLUSKS	RT	FOSSILS GEOLOGY
NT	OYSTER DRILLS		PALEOCLIMATOLOG'
	SNAILS		PALEONTOLOGY
	SHELLS		RADIOACTIVE DATIN STRATIGRAPHY
GEESE	RIDDO		
BT	BIRDS WATERFOWL	GEOLOGY	Han of a maria anaile.
RT	DUCKS	SN	Use of a more specific recommended
	SWANS	NT	GEOMORPHOLOGY

GENETICS

AQUACULTURE RT

BIOTECHNOLOGY BREEDING

CHROMOSOMES **CLONES**

EVOLUTION FISH REPRODUCTION

HYBRIDS MITOSIS MUTATIONS

POPULATION

POPULATION DYNAMICS REPRODUCTION RESISTANCE

CYCLES GATIONS

NG ROLOGY

GATIONS

UCTURES

TIONS

CH

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ic term

GEOPHYSICS HYDROGEOLOGY **PETROLOGY**

SEDIMENTARY PETROLOGY

SEDIMENTAL PETRO SEDIMENTOLOGY ARCHAEOLOGY CONTINENTAL DRIFT

DREDGING

EARTHQUAKES EROSION **FOSSILS GEOCHEMISTRY**

RT

GEOLOGIC FORMATIONS
GEOLOGIC INVESTIGATIONS

GEOLOGIC TIME MINERALOGY

PALEONTOLOGY UF PARTICLE SIZE **ROCKS** BT SIZE **SEA LEVEL CLAYS** RT SEDIMENTARY STRUCTURES **COLLOIDS SEDIMENTATION GRAVELS SEDIMENTS** SANDS **SEISMIC STUDIES** SEDIMENTATION RATES SHORELINE CHANGE **SEDIMENTS** SHORELINE EROSION SETTLING VELOCITY SOIL CHEMISTRY SII TS STRATIGRAPHY **SOIL ANALYSIS** SUSPENDED SEDIMENTS **SOILS** WEATHERING **GRAVELS GEOMORPHOLOGY GRAIN SIZE** RT UF MORPHOLOGY (COASTAL) AND **SANDS PHYSIOGRAPHY SEDIMENTS GEOLOGY** BT SOILS RT ACCRETION **BEACHES** GRAVITY **BERMS** RT DENSITY CONTINENTAL SHELF **GEOPHYSICS GRAVITY STUDIES DUNES EROSION** WEIGHT **HYDROGEOLOGY ISLANDS GRAVITY STUDIES GEOPHYSICS** RFFFS RT SAND BARS RT GRAVITY SAND SPITS SEDIMENTATION **GREEN ALGAE** SHOALS CHLOROPHYTA USE SHORELINE CHANGE **GROUNDWATER** SHORELINE EROSION SHORELINE STABILITY **AQUIFERS** RT SUBSIDENCE DISCHARGE **TOPOGRAPHY FRESHWATER** WEATHERING **HYDROGEOLOGY** HYDROLOGIC CYCLE **GEOPHYSICS** HYDROLOGIC DATA UF **BOREHOLE GEOPHYSICS HYDROLOGY** BT **RESERVOIRS** GEOLOGY NT **GRAVITY STUDIES** SALINE WATER INTRUSION MAGNETIC STUDIES SUBSIDENCE SEISMIC STUDIES WATER CONSERVATION **CONTINENTAL DRIFT** WATER MANAGEMENT RT **GEOCHEMISTRY** WATER RESOURCES WATER STORAGE **GEOLOGIC INVESTIGATIONS** GRAVITY WATER SUPPLY **HYDROGEOLOGY** WATER TABLE RADIOACTIVITY WELLS REMOTE SENSING **GROUPERS GERMINATION** USE **SEA BASSES GROWTH STAGES** RT PLANT PHYSIOLOGY **GROWTH RATES** FISH PHYSIOLOGY SEEDS RT **SPORES GROWTH STAGES** LIFE CYCLES VEGETATION ESTABLISHMENT LIFE HISTORY STUDIES **GLYCOGEN PHYSIOLOGY** POPULATION DYNAMICS вт **ORGANIC COMPOUNDS** RT **CARBOHYDRATES PRODUCTIVITY** SIZE GOBIES BT **FISH GROWTH STAGES** MARINE FISH NT **BIRD EGGS EGGS EMBRYONIC GROWTH STAGE GONADS ANATOMY** FISH EGGS **FISH REPRODUCTION INSECT EGGS** REPRODUCTION JUVENILE FISHES JUVENILE GROWTH STAGE SEXUAL MATURITY **SPAWNING** LARVAE

GRAIN SIZE

PALEOCLIMATOLOGY

RT

LARVAL GROWTH STAGE SEEDS SEXUAL MATURITY AGE FISH PHYSIOLOGY GERMINATION GROWTH RATES LIFE CYCLES LIFE HISTORY STUDIES MOI TING

MOLTING PHYSIOLOGY

GULLS

ВТ

BIRDS SHORE BIRDS

H **INVERTEBRATES MOLLUSKS SHELLFISH** RT **CLAM INDUSTRY** HABITAT IMPROVEMENT RT **AQUACULTURE** HARVESTING **ARTIFICIAL HABITATS AGRICULTURE** RT FLOOD CONTROL **CATCH HABITATS CLAM INDUSTRY** MARSH MANAGEMENT **FISHERIES** MITIGATION **LANDINGS** NATIONAL SANCTUARIES OYSTER INDUSTRY NATIONAL WILDLIFE REFUGES **PRODUCTIVITY** POLLUTION ABATEMENT REVEGETATION **HATCHERIES VEGETATION ESTABLISHMENT** FISH HATCHERIES UF WATER POLLUTION CONTROL RT **AQUACULTURE** WATERSHED MANAGEMENT COMMERCIAL FISH WILDLIFE MANAGEMENT **FISH FISH EGGS HABITATS** FISH MANAGEMENT NT **ARTIFICIAL HABITATS** FISH REPRODUCTION **BEDS UNDER WATER** FISH STOCKING **DEEP-WATER HABITATS FISHERIES NICHES HATCHING REEFS HYBRIDS** RT **BEHAVIOR MARICULTURE BURROWS** REPRODUCTION COMMUNITY STRUCTURE SPAWNING **ECOLOGY ENVIRONMENTAL EFFECTS HATCHING** HABITAT IMPROVEMENT RT **BIRD EGGS** LAND RESOURCES **EGGS** SUCCESSION **HATCHERIES NESTING** HAKE **NESTS** BT **FISH** MARINE FISH HAZARDOUS MATERIALS USE **TOXIC SUBSTANCES HALOGENS** NT CHLORINE HEAT **FLUORIDES ENERGY** IODINE BT CHLORIDES RT **ENERGY CONTROL** RT **HEATED WATER** INFRARED RADIATION **HALOPHYTES** RADIATION MARSH PLANTS USE **TEMPERATURE** TEMPERATURE CONTROL **HARBORS** THERMAL POLLUTION NT **BALTIMORE HARBOR** THERMAL STRESS HAMPTON ROADS **THERMODYNAMICS** RT **BREAKWATERS THERMOMETERS COASTAL ENGINEERING COASTAL STRUCTURES HEATED WATER DOCKS** THERMAL WATER LIF **DREDGING** RT HEAT **INLAND WATERWAYS STEAM INLETS TEMPERATURE JETTIES** TEMPERATURE CONTROL **MARINAS** THERMAL POLLUTION MARITIME DEVELOPMENT THERMAL STRESS **NAVIGABLE WATERS WASTE WATER** NAVIGATION WATER POLLUTION SOURCES **PORT AUTHORITIES** WATER TEMPERATURE **PORTS** SHIPPING **HEAVY METALS** SHIPS BT **METALS** TRANSPORTATION NT **CESIUM CHROMIUM** HARD CLAM COBALT UF MERCENARIA MERCENARIA COPPER BT **BENTHIC FAUNA** IRON **BIVALVES** LEAD **CLAMS**

HOMARUS AMERICANUS **MERCURY** USE LOBSTERS TIN ZINC **HORMONES** RT BIOACCUMULATION ORGANIC COMPOUNDS BT **CHEMICAL WASTES BIOCHEMISTRY** RT INDUSTRIAL WASTES **ENZYMES** INORGANIC COMPOUNDS **METABOLISM** LEAD RADIOISOTOPES PHYSIOLOGY **TOXIC SUBSTANCES** WATER POLLUTION SOURCES **HORSESHOE CRAB** LIMULUS POLYPHEMUS **HERBICIDES** BT **INVERTEBRATES** RT **AGRICULTURE** ALGAL CONTROL **HUMAN DISEASES ALGICIDES** ВТ **DISEASES ANTIBIOTICS** RT **EPIDEMIOLOGY** AQUATIC WEED CONTROL IMMUNITY CONTROL **PARASITES CROPS** PARASITISM **PESTICIDES** PATHOGENIC BACTERIA **PLANTS PATHOLOGY POLLUTANTS PUBLIC HEALTH TOXIC SUBSTANCES RED TIDE** WATER POLLUTION HERRINGS ANADROMOUS FISH BT **HUMIC ACIDS ALOSIDS** RT **DETRITUS FISH** ORGANIC COMPOUNDS MARINE FISH ORGANIC MATTER NT **ALEWIVES** AMERICAN SHAD **HUNTING** ATLANTIC MENHADEN RT DEER **BLUEBACK HERRING PERMITS** RECREATION SHAD TRAPPING HIGHWAY EFFECTS WILDLIFE MANAGEMENT ROAD CONSTRUCTION RT **ROADS HURRICANES** BT **STORMS** HISTOLOGICAL INVESTIGATIONS ATMOSPHERIC PRESSURE RT RT **ANATOMY BEACH EROSION ELECTRON MICROSCOPY** CLIMATOLOGY MICROSCOPY CLOUDS **EROSION** HISTORIC FLOOD **FLOODS FLOODS** HISTORIC FLOOD BT RT FLOOD DAMAGE **METEOROLOGY** HISTORICAL DATA **PRECIPITATION** HISTORY RAINFALL **HURRICANES** SHORELINE EROSION STORM RUNOFF HISTORICAL DATA STORM SURGE **CATCH** WEATHER RT HISTORIC FLOOD WIND VELOCITY WINDS **HISTORY LANDINGS MUSEUMS HYBRIDS AQUACULTURE** RT **HISTORY BREEDING** RT **ARCHAEOLOGY CHROMOSOMES BIOGRAPHIES** FISH STOCKING HISTORIC FLOOD **GENETICS** HISTORICAL DATA **HATCHERIES PALEOCLIMATOLOGY** HYDRAULIC MODELS PALEONTOLOGY MODEL STUDIES RADIOACTIVE DATING RT SHIPWRECKS RT **CANALS CHANNELS** HOGCHOKER COASTAL ENGINEERING COMPUTER MODELS UF TRINECTES MACULATUS BT ANADROMOUS FISH **HYDRAULICS** BENTHIC FAUNA MATHEMATICAL MODELS **TESTS** FISH

MANGANESE

WATER CIRCULATION GEOMORPHOLOGY **GEOPHYSICS HYDRAULICS GROUNDWATER CANALS** RT **HYDROLOGY** CHANNELING SEDIMENT TRANSPORT **DAMS SEDIMENTATION** DIFFUSION SHORELINE CHANGE DISCHARGE SHORELINE EROSION DISCHARGE MEASUREMENT STRATIGRAPHY DISCHARGE PLUME STREAMS **ENGINEERING** WELLS FLOOD CONTROL **FLOODS** HYDROGRAPHY FLOW CHARACTERISTICS PHYSICAL OCEANOGRAPHY UF FLOW MEASUREMENT RT BATHYMETRY HYDRAULIC MODELS DISSOLVED OXYGEN **HYDRODYNAMICS HYDROLOGY** HYDROELECTRIC POWER SALINITY HYDROELECTRIC POWER PLANTS SOUNDING **HYDROLOGY** TURBIDITY **MIXING** WATER CIRCULATION **RESERVOIRS** WATER TEMPERATURE **RIVER FLOW** SEDIMENTATION HYDROLOGIC CYCLE CLOUDS STREAMFLOW RT TURBULENCE **GROUNDWATER** WATER CIRCULATION **HYDROLOGY** ICE **HYDRODYNAMICS METEOROLOGY** BT **DYNAMICS PRECIPITATION** RT CURRENTS RAINFALL FLOW CHARACTERISTICS **RIVER FLOW** FLOW MEASUREMENT RUNOFF **HYDRAULICS** SALINE WATER INTRUSION STREAMFLOW STREAMFLOW WATER CIRCULATION SURFACE WATERS WATER CIRCULATION HYDROELECTRIC POWER WATER RESOURCES RT **DAMS ELECTRIC POWER PRODUCTION** HYDROLOGIC DATA **ELECTRICITY CLIMATIC DATA** RT **ENERGY TRANSFER DATA COLLECTIONS HYDRAULICS** GROUNDWATER HYDROELECTRIC POWER PLANTS **PRECIPITATION TIDAL ENERGY** HYDROLOGY HYDROELECTRIC POWER PLANTS RT **AQUIFERS** BT **POWER PLANTS CURRENT METERS** DAMS RT DRAINAGE **ELECTRIC POWER PRODUCTION** DROUGHTS **HYDRAULICS** FLOOD CONTROL HYDROELECTRIC POWER **FLOODS** INTAKES **GROUNDWATER STEAM HYDRAULICS** THERMAL POLLUTION **HYDROGEOLOGY** WATER UTILIZATION **HYDROGRAPHY** HYDROLOGIC CYCLE HYDROGEN ION CONCENTRATION METEOROLOGY USE PH **PRECIPITATION RAINFALL HYDROGEN SULFIDE** RESERVOIRS **GASES RIVER BASINS** INORGANIC COMPOUNDS RIVER FLOW SUI FIDES RUNOFF SULFUR COMPOUNDS **STREAMFLOW** RT ANAEROBIC CONDITIONS SURFACE WATERS REDUCTION WATER CONSERVATION WATER MANAGEMENT **HYDROGEOLOGY** WATER RESOURCES **GEOLOGY** WATER STORAGE BT RT **AQUIFERS** WATER SUPPLY DEPOSITION WATER TREATMENT **EROSION** WATER UTILIZATION

WATERSHEDS

GEOLOGIC INVESTIGATIONS

HYDROZOA

BT

CNIDARIA INVERTEBRATES CORAL FOULING JELLYFISH

RT

INDICATOR BACTERIA **BIOINDICATORS**

ICE

RT

CLIMATOLOGY HYDROLOGIC CYCLE **METEOROLOGY** STORMS

TEMPERATURE WEATHER

ICHTHYOPLANKTON

RT

PLANKTON ZOOPLANKTON

RT

FISH FISH EGGS JUVENILE FISHES LARVAE MARINE FISH

IDENTIFICATION

NT RT

POLLUTANT IDENTIFICATION

FISH TAXONOMY ILLUSTRATIONS

KEYS

NEW GENERA NEW RECORDS NEW SPECIES SPECIES

SYSTEMATICS **TAGGING TAXONOMY**

ILLUSTRATIONS

RT

ART

IDENTIFICATION KEYS

PHOTOGRAPHY

IMMUNITY

RT

ANTIBIOTICS BACTERIA

DISEASE RESISTANCE

DISEASES FISH DISEASES **HUMAN DISEASES** PATHOGENIC BACTERIA

PATHOLOGY RESISTANCE **VIRUSES**

IMPOUNDMENTS

RT

DAMS PONDS RESERVOIRS

INCINERATION

RT

DISPOSAL OXIDATION **SOLID WASTES** SLUDGE DISPOSAL WASTE DISPOSAL WASTE TREATMENT

WASTES

INCOME

RT

ECONOMIC EFFICIENCY

ECONOMICS LABOR PRICES TAXES TOURISM

INDICATORS

NT

BIOINDICATORS RT ANALYTICAL TECHNIQUES

BIOCHEMICAL OXYGEN DEMAND

INSTRUMENTATION

POLLUTANT IDENTIFICATION

QUALITY CONTROL

TAGGING TRACERS

INDUSTRIAL DEVELOPMENT

DEVELOPMENT BT RT CONSTRUCTION **FACILITY SITING**

INDUSTRIAL PLANTS INDUSTRIAL PRODUCTION INDUSTRIAL WASTES

INDUSTRIES

LAND DEVELOPMENT LAND USE

MANAGEMENT URBANIZATION

INDUSTRIAL PLANTS

AIR POLLUTION RT

FACILITY SITING

INDUSTRIAL DEVELOPMENT INDUSTRIAL PRODUCTION INDUSTRIAL WASTES **POWER PLANTS** TREATMENT FACILITIES

INDUSTRIAL PRODUCTION

RT COMMERCE COSTS

ECONOMICS

INDUSTRIAL DEVELOPMENT INDUSTRIAL PLANTS INDUSTRIAL WASTES

INDUSTRIES MANPOWER MARKETING PROCESSING

INDUSTRIAL WASTES

BT **WASTES** NT

MINE WASTES **PULP WASTES**

RT **CHEMICAL WASTES**

EUTROPHICATION FLY ASH HEAVY METALS

INDUSTRIAL DEVELOPMENT

INDUSTRIAL PLANTS INDUSTRIAL PRODUCTION

OIL POLLUTION OIL SPILLS **POLLUTION SEWAGE**

SEWAGE DISPOSAL **SEWAGE EFFLUENTS** SEWAGE SLUDGE SEWAGE TREATMENT SOIL CONTAMINATION WASTE DISPOSAL WASTE WATER

WASTE WATER DISPOSAL WASTE WATER TREATMENT WATER POLLUTION

WATER POLLUTION SOURCES

COPPER SULFATE INDUSTRIES **FLUORIDES** NT **AQUACULTURE** HYDROGEN SULFIDE **CLAM INDUSTRY NITRATES** COMMERCIAL FISHING **NITRITES CRAB INDUSTRY** NITROGEN COMPOUNDS FINFISH INDUSTRY **PHOSPHATES** MINERAL INDUSTRY **SILICATES OIL INDUSTRY** SULFIDES OYSTER INDUSTRY SULFUR COMPOUNDS PULP AND PAPER INDUSTRY RT **CHEMICAL WASTES** SEAFOOD INDUSTRY **HEAVY METALS** SOFT-SHELL CRAB INDUSTRY **METALS** RT INDUSTRIAL DEVELOPMENT **MINERALS** INDUSTRIAL PRODUCTION **NUTRIENTS** LAND USE **POULTRY** INSECT CONTROL **PROCESSING** CONTROL BT PEST CONTROL INFORMATION RETRIEVAL RT ANIMAL CONTROL **BIBLIOGRAPHIES** BIOLOGICAL CONTROL RT **COMPUTER PROGRAMS** ENTOMOLOGY DATA INSECTS DATA COLLECTIONS **PESTICIDES** DATA STORAGE AND RETRIEVAL SANITARY ENGINEERING INFORMATION SOURCES **INSECT EGGS** INFORMATION SOURCES BT **EGGS BIBLIOGRAPHIES GROWTH STAGES** RT RT **EMBRYONIC GROWTH STAGE** DATA DATA COLLECTIONS **ENTOMOLOGY** DATA STORAGE AND RETRIEVAL **INSECTS DIRECTORIES** INFORMATION RETRIEVAL INSECTICIDES PESTICIDES **MUSEUMS** USE **RESEARCH FACILITIES** INSECTS INFRARED RADIATION **INVERTEBRATES** BT **RADIATION** BT NT MOSQUITOES RT **HEAT** RT **ENTOMOLOGY** LIGHT INSECT CONTROL REMOTE SENSING **INSECT EGGS** SOLAR RADIATION PEST CONTROL **WAVELENGTHS PESTICIDES** INSTRUMENTATION **INLAND WATERWAYS** CANALS **CURRENT METERS** NT RT **CHANNELS GAGING STATIONS HARBORS** RADAR **SPECTROMETERS INLETS** MARINAS STREAM GAGES NAVIGABLE WATERS **THERMOMETERS** TRANSPORTATION RT **INDICATORS** LABORATORY EQUIPMENT **MEASUREMENT INLETS CANALS** RT INTAKES **CHANNELS** COASTAL ZONE UF WATER INTAKES **HARBORS** RT **ENTRAINMENT** INLAND WATERWAYS FISH PASSAGES HYDROELECTRIC POWER PLANTS **JETTIES NUCLEAR POWER PLANTS MARINAS NAVIGABLE WATERS TIDES** INTERNAL WAVES **WAVES** BT DENSITY INORGANIC COMPOUNDS RT **STRATIFICATION** NT **AMMONIA AMMONIUM COMPOUNDS**

ARSENIC COMPOUNDS

CARBON DIOXIDE

CLAY MINERALS

CARBONATES CHLORIDES

INTERSTITIAL WATER

PORE WATER UF

BENTHOS RT

SEDIMENT-WATER INTERFACES

INVERTEBRATES			IRRIGATION	
NT	AMPHIPODA		RT	AGRICULTURE
	ANEMONES			CANALS
	ANNELIDS			LAND MANAGEMENT
	BARNACLES			WASTE WATER
	BLUE CRAB			WATER DEMAND
	BRYOZOA			WATER MANAGEMENT
	CHAETOGNATHS			WATER UTILIZATION
	CLAMS			WATERSHED MANAGEMENT
	CNIDARIA			***************************************
	COPEPODS		ISLANDS	
	CORAL		NT	BARRIER ISLANDS
	CRABS		RT	BEACHES
	CRAYFISH		•••	COASTAL ZONE
	CRUSTACEANS			DUNES
	CTENOPHORES			GEOMORPHOLOGY
	ECHINODERMS			acomon nocoa.
	GASTROPODS		ISOPODS	
	HARD CLAM		BT	BENTHIC FAUNA
	HORSESHOE CRAB			CRUSTACEANS
	HYDROZOA			INVERTEBRATES
	INSECTS			MACHIEDINIEO
	ISOPODS		ISOTOPES	
	JELLYFISH		NT	CARBON RADIOISOTOPES
	LEECHES		141	LEAD RADIOISOTOPES
	LOBSTERS			RADIOISOTOPES
	MOLLUSKS			URANIUM RADIOISOTOPES
	MOSQUITOES		RT	RADIOACTIVE DATING
	MUSSELS		nı.	RADIOACTIVE DATING
	MYSIDS			RADIOACTIVITY
	NEMATODES			TRACERS
	NEMERTEANS			INACENS
	NUDIBRANCH			
	OSTRACODS			
	OYSTERS			
	PLATYHELMINTHES			
	POLYCHAETES			
	PORIFERA			
	SCALLOPS			
	SEA NETTLES			
	SHELLFISH			
	SHRIMP			
	SNAILS			
	SOFT CLAM	•		
	SQUID			
	TELLINA			
	TREMATODES			
	WORMS			
RT	BENTHIC FAUNA			
***	PLANKTON			
	ZOOPLANKTON			
	20012/11/1/01/			
IODINE				
BT	HALOGENS			
	TRACE ELEMENTS			
ION EXCHANGE				
RT	ADSORPTION			
•••	DESALINATION			
	DIFFUSION			
	ION TRANSPORT			
	WATER TREATMENT			
ION TRANSPORT				
BT	TRANSPORT			
RŤ	DESALINATION			
•••	DIFFUSION			
	ION EXCHANGE			
	OSMOREGULATION			
IRON				
BT	METALS			
RT	HEAVY METALS			
* **				

J **KILLIFISHES** CYPRINODON SP. AND FUNDULUS UF SP. FISH BT **JELLYFISH** MARINE FISH BT **CNIDARIA** NT **MUMMICHOG INVERTEBRATES** MINNOWS RT **PLANKTON** NT **SCYPHOZOA KINETICS SEA NETTLES** RT **ENERGY** RT **HYDROZOA DYNAMICS** TOXINS MOVEMENT PHYSICAL PROPERTIES **JETTIES** VELOCITY RT **BREAKWATERS BULKHEADS COASTAL STRUCTURES DIKES DOCKS** HARBORS **INLETS PORTS** SHORE PROTECTION **JURISDICTION** FEDERAL JURISDICTION NT STATE JURISDICTION RT **BOUNDARIES BOUNDARY DISPUTES LEASES LEGAL ASPECTS LEGISLATION** POLITICAL ASPECTS REGULATION **JUVENILE FISHES** BT FISH **GROWTH STAGES** RT **ICHTHYOPLANKTON** JUVENILE GROWTH STAGE LARVAE LIFE CYCLES LIFE HISTORY STUDIES **NURSERY GROUNDS** JUVENILE GROWTH STAGE **GROWTH STAGES** BT NT **SPAT** DEVELOPMENT RT JUVENILE FISHES LIFE CYCLES LIFE HISTORY STUDIES

K

KEPONE
BT PESTICIDES
RT BIOACCUMULATION
POLLUTION
TOXIC SUBSTANCES

KEYS
RT FISH TAXONOMY
IDENTIFICATION
ILLUSTRATIONS

ILLUSTRATIONS SPECIES SYSTEMATICS TAXONOMY L

SOIL CONSERVATION VEGETATION ESTABLISHMENT WATERSHED MANAGEMENT WILDLIFE MANAGEMENT

LABOR

ECONOMICS EMPLOYMENT INCOME **MANPOWER OCCUPATIONS PERSONNEL** SOCIO-ECONOMICS

LABORATORY EQUIPMENT

BT

EQUIPMENT

RT

ELECTRON MICROSCOPY INSTRUMENTATION MICROSCOPY RESEARCH FACILITIES **SPECTROMETERS TESTS**

THERMOMETERS

LABORATORY TESTS USE TESTS

LAMPREYS

UF BT PETROMYZON MARINUS

FISH

FRESHWATER FISH **FISH PARASITES**

RT

LAND CLASSIFICATION

BT RT CLASSIFICATION LAND DEVELOPMENT LAND MANAGEMENT LAND USE

URBANIZATION ZONING

LAND DEVELOPMENT

BT RT RESOURCE DEVELOPMENT **AGRICULTURE**

INDUSTRIAL DEVELOPMENT LAND CLASSIFICATION LAND MANAGEMENT LAND RECLAMATION LAND RESOURCES

LAND USE

URBANIZATION

RECREATION FACILITIES RESOURCE DEVELOPMENT SOIL CONSERVATION

LAND MANAGEMENT

BT RT MANAGEMENT **AGRICULTURE** CONSERVATION CONTROL DRAINAGE **EROSION**

EROSION CONTROL FOREST MANAGEMENT

IRRIGATION

LAND CLASSIFICATION LAND DEVELOPMENT LAND RECLAMATION LAND RESOURCES

LAND USE

MARSH MANAGEMENT

MITIGATION PERMITS

RESOURCE DEVELOPMENT

REVEGETATION

LAND RECLAMATION

RT

CONSERVATION DRAINAGE **EROSION CONTROL** IRRIGATION LAND DEVELOPMENT LAND MANAGEMENT **LANDFILLS** REVEGETATION SALVAGE

SOIL CONSERVATION SOIL CONTAMINATION

SWAMPS

VEGETATION ESTABLISHMENT

WETLANDS

LAND RESOURCES

NATURAL RESOURCES BT RESOURCES

CONSERVATION RT

ECONOMICS FORESTS HABITATS

LAND DEVELOPMENT LAND MANAGEMENT

LAND USE

NATURAL RESOURCES SOIL CONSERVATION

WFTI ANDS

LAND SUBSIDENCE

SUBSIDENCE USE

LAND USE

RT ADMINISTRATIVE DECISIONS

AGRICULTURE AQUIFERS CROPS EROSION

EROSION CONTROL FACILITY SITING FOREST MANAGEMENT

FORESTS

INDUSTRIAL DEVELOPMENT

INDUSTRIES

LAND CLASSIFICATION LAND DEVELOPMENT LAND MANAGEMENT LAND RESOURCES **LEGAL ASPECTS** NATIONAL SANCTUARIES **NATURAL RESOURCES**

PARKS PERMITS RECREATION RUNOFF **TOPOGRAPHY** URBANIZATION WATERSHEDS

ZONING

LANDFILLS

RT **ENVIRONMENTAL ENGINEERING**

DISPOSAL

LAND MANAGEMENT LAND RECLAMATION MUNICIPAL WASTES **POLLUTION PUBLIC HEALTH**

SOLID WASTES BOUNDARY DISPUTES WASTE DISPOSAL COMPETING USES **DECISION MAKING** WASTES **ECONOMICS LANDINGS** FEDERAL GOVERNMENT RT **ABUNDANCE** JURISDICTION **BIOMASS** LAND USE CATCH LEASES **COMMERCIAL FISH** LEGISLATION **CREEL CENSUS** LOCAL GOVERNMENTS FINFISH INDUSTRY MANAGEMENT **FISHERIES** MITIGATION **HARVESTING OWNERSHIP OF BEDS** HISTORICAL DATA **PERMITS** MARKET VALUE POLITICAL ASPECTS **PRODUCTIVITY** PROJECT PLANNING **STATISTICS PUBLIC HEALTH** REGULATION **RIPARIAN RIGHTS** LARVAE BT **GROWTH STAGES** STATE GOVERNMENTS STATE JURISDICTION RT **FECUNDITY ICHTHYOPLANKTON** TAXES WATER LAW JUVENILE FISHES LARVAL GROWTH STAGE ZONING LIFE CYCLES LEGISLATION MOI TING **NURSERY GROUNDS** UF **LAWS OYSTER SETTING** RT ADMINISTRATIVE DECISIONS **PLANKTON** CONTROL **ENVIRONMENTAL IMPACTS** FEDERAL GOVERNMENT **LARVAL GROWTH STAGE** BT **GROWTH STAGES** FISH MANAGEMENT RT DEVELOPMENT **JURISDICTION** LARVAE **LEGAL ASPECTS** LOCAL GOVERNMENTS LIFE CYCLES LIFE HISTORY STUDIES MITIGATION **PERMITS PLANNING** LAWS USE **LEGISLATION** POLITICAL ASPECTS REGULATION **RIPARIAN RIGHTS LEAD** STATE GOVERNMENTS вт **HEAVY METALS METALS** WATER LAW ZONING LEAD RADIOISOTOPES NT **LEAD RADIOISOTOPES** LENGTH **PHYSICAL PROPERTIES ISOTOPES** BT BT MEASUREMENT **LEAD** RT **RADIOISOTOPES** LENGTH-FREQUENCY DISTRIBUTION RT **HEAVY METALS METALS** SIZE WEIGHT **WIDTH LEASES BEDS UNDER WATER** RT **LENGTH-FREQUENCY DISTRIBUTION BOUNDARY DISPUTES EXPLORATION LENGTH GAS INDUSTRY STATISTICS** JURISDICTION LEPOMIS MACROCHIRUS **LEGAL ASPECTS LEGISLATION** USE BLUEGILL OIL INDUSTRY OWNERSHIP OF BEDS **LETHAL LIMIT** BIOACCUMULATION OYSTER GROUNDS RT **PERMITS BIOASSAY** REGULATION MORTALITY **RIPARIAN RIGHTS PATHOLOGY PESTICIDES LEECHES POLLUTANTS INVERTEBRATES TOLERANCE** BT **TOXIC SUBSTANCES WORMS** TOXICITY **LEGAL ASPECTS** ADMINISTRATIVE DECISIONS RT

BOUNDARIES

SANITARY ENGINEERING

LICHENS

RT

FUNGI

SYMBIOSIS

LIFE CYCLES

RT

AGE **BIRD EGGS** DEVELOPMENT

EGGS FISH EGGS GROWTH RATES GROWTH STAGES JUVENILE FISHES

JUVENILE GROWTH STAGE

LARVAE

LARVAL GROWTH STAGE LIFE HISTORY STUDIES

MOLTING REPRODUCTION **SPAWNING**

LIFE HISTORY STUDIES

ECOLOGY FISH MIGRATION FISH REPRODUCTION **GROWTH RATES GROWTH STAGES** JUVENILE FISHES

JUVENILE GROWTH STAGE LARVAL GROWTH STAGE

LIFE CYCLES **MIGRATION** REPRODUCTION SEXUAL MATURITY

LIGHT

RT **BIOLUMINESCENCE**

ENERGY FLUORESCENCE INFRARED RADIATION LIGHT ATTENUATION LIGHT INTENSITY LIGHT PENETRATION OPTICAL PROPERTIES **PHOTOSYNTHESIS RADIATION** SOLAR RADIATION

ULTRAVIOLET RADIATION WAVELENGTHS

LIGHT ATTENUATION

ABSORPTION RT

LIGHT LIGHT INTENSITY LIGHT PENETRATION **OPTICAL PROPERTIES** SOLAR RADIATION SUSPENDED LOAD SUSPENDED SEDIMENTS

TURBIDITY

LIGHT INTENSITY

RT LIGHT

LIGHT ATTENUATION LIGHT PENETRATION **OPTICAL PROPERTIES SOLAR RADIATION**

LIGHT PENETRATION

ABSORPTION

LIGHT

LIGHT ATTENUATION LIGHT INTENSITY **OPTICAL PROPERTIES** SOLAR RADIATION SUSPENDED LOAD SUSPENDED SEDIMENTS TURBIDITY

LIMULUS POLYPHEMUS

USE HORSESHOE CRAB

LIPIDS

ORGANIC COMPOUNDS BT RT **BIOCHEMISTRY**

CARBOHYDRATES NUTRITION

OIL **PROTEINS**

LITTORAL DRIFT

RT **BEACHES**

SAND BARS SAND SPITS

SEDIMENT TRANSPORT

WAVES

LOBSTERS

UF **HOMARUS AMERICANUS** BT CRUSTACEANS

INVERTEBRATES

LOCAL GOVERNMENTS

RT ADMINISTRATIVE AGENCIES

AGENCIES LEGAL ASPECTS LEGISLATION PERMITS

POLITICAL ASPECTS

TAXES ZONING

LOLIGO PEALEI SQUID USE

LOW FLOW

BT RIVER FLOW

STREAMFLOW RT DISCHARGE **DROUGHTS**

FLOW CHARACTERISTICS FLOW MEASUREMENT

WATER LEVELS

LUTRA CANADENSIS USE OTTERS

MAPS M **MEASUREMENT PHOTOGRAPHY PROFILES MACKEREL** REMOTE SENSING BT **FISH** SATELLITES MARINE FISH SHORELINE CHANGE **SURVEYS** MAGNESIUM TOPOGRAPHY **METALS** BT TRACE ELEMENTS MAPS NAVIGATIONAL AIDS BT **MAGNETIC STUDIES AERIAL PHOTOGRAPHY** RT **GEOPHYSICS** BT ATLAS PHYSICAL PROPERTIES RT **BATHYMETRY CHARTS** MAMMALS **EXPLORATION BEAVERS** NT **MAPPING** DEER **NAVIGATION DOLPHINS SURVEYS** MARINE MAMMALS **TOPOGRAPHY MUSKRATS OTTERS** MARICULTURE RODENTS **AQUACULTURE** RT WHALES ARTIFICIAL HABITATS **CLAM INDUSTRY MANAGEMENT CLAMS** Use of a more specific term SN **CULTCH** recommended CULTIVATION FISH MANAGEMENT NT **HATCHERIES** FOREST MANAGEMENT OYSTER INDUSTRY LAND MANAGEMENT SHELLFISH MARSH MANAGEMENT SOFT-SHELL CRAB INDUSTRY WATER MANAGEMENT WATERSHED MANAGEMENT MARINAS WILDLIFE MANAGEMENT RT **BOATING** ADMINISTRATION RT **BOATS** ADMINISTRATIVE DECISIONS COASTAL STRUCTURES ANIMAL CONTROL **DOCKS DECISION MAKING HARBORS ECONOMICS INLAND WATERWAYS** INDUSTRIAL DEVELOPMENT **INLETS** LEGAL ASPECTS MARITIME DEVELOPMENT MARKETING **PORTS** PERSONNEL RECREATION **PLANNING RECREATION FACILITIES** PROJECT PLANNING SAILING **PUBLIC RELATIONS** REGULATION MARINE EDUCATION MATERIALS SOCIAL ASPECTS **EDUCATION** BT MANGANESE MARINE FISH **HEAVY METALS** BT SN Recommend use of a more specific term METAL when available in the keyword list; this **MINERALS** term is used only for marine fish not i TRACE ELEMENTS dentified in the keyword list and for entries containing more than 6-8 fish **MANPOWER** species **EMPLOYMENT** RT **BRACKISH-WATER FISH AND** UF INDUSTRIAL PRODUCTION **ESTUARINE FISH** LABOR FISH RT **OCCUPATIONS ALOSIDS** NT **PERSONNEL ANCHOVIES** RESOURCES ATLANTIC MENHADEN SOCIO-ECONOMICS BLUEFISH **BUTTERFISH** MAPPING **COWNOSE RAY AERIAL PHOTOGRAPHY** RT **DEEP-SEA FISHES BATHYMETRY**

BENCH MARKS

EXPLORATION

DISTRIBUTION PATTTERNS

GEOLOGIC INVESTIGATIONS

CHARTS

DRUMS

GOBIES

HAKE

FLOUNDER

HERRINGS

KILLIFISHES

MACKEREL **ECONOMIC EFFICIENCY MULLETS ECONOMICS MUMMICHOG FINANCING** PUFFER INDUSTRIAL PRODUCTION **RAYS** MANAGEMENT **SCUP** MARKET VALUE SEA BASSES PLANNING **SEAROBINS PUBLIC RELATIONS SHARKS** VALUE **SILVERSIDES SKATES** MARSH MANAGEMENT SPOT MANAGEMENT BT SPOTTED SEATROUT RT **EROSION CONTROL TOADFISH** FRESHWATER MARSHES WEAKFISH HABITAT IMPROVEMENT RT ANADROMOUS FISH LAND MANAGEMENT **FISHERIES** MARSH PLANTS **ICHTHYOPLANKTON** REVEGETATION MARINE RESOURCES SALT MARSHES SHORELINE COVER MARINE FUNGI VEGETATION ESTABLISHMENT **FUNGI** USE **WETLANDS** MARINE MAMMALS MARSHES (FRESHWATER) BT **MAMMALS** FRESHWATER MARSHES USE NT **DOLPHINS** OTTERS MARSHES (SALTWATER) **WHALES** USE SALT MARSHES MARINE RESOURCES MARSH PLANTS **HALOPHYTES** NATURAL RESOURCES UF BT **RESOURCES** BT PLANTS AQUATIC WEEDS COMMERCIAL FISH RT RT **FISHERIES** FRESHWATER MARSHES MARINE RESOURCES MARSH MANAGEMENT DEVELOPMENT SALT MARSHES SALT TOLERANCE SHORELINE COVER MARINE FISH **NAVIGABLE WATERS** RECREATION SUBMERGED PLANTS **VEGETATION** MARINE RESOURCES DEVELOPMENT WETLANDS RESOURCE DEVELOPMENT BT RT MARINE RESOURCES MASS MARITIME DEVELOPMENT **BIOMASS** RT **PLANNING** DENSITY RECREATION MASS SPECTROMETRY RECREATION DEMAND SIZE RESOURCE ALLOCATION WEIGHT RESOURCES MASS SPECTROMETRY SEAFOOD INDUSTRY SOCIO-ECONOMICS **ANALYTICAL TECHNIQUES** BT **URBANIZATION** RT MASS WATER RESOURCES DEVELOPMENT **SPECTROMETERS MATHEMATICAL MODELS** MARITIME DEVELOPMENT RT **HARBORS** BT MODEL STUDIES STATISTICAL MODELS MARINAS NT **COMPUTER MODELS** MARINE RESOURCES RT DEVELOPMENT HYDRAULIC MODELS PORT AUTHORITIES MATHEMATICAL STUDIES PORTS **MATHEMATICAL STUDIES SHIPPING** TRANSPORTATION NT **REGRESSION ANALYSIS** TIME SERIES ANALYSIS **MARKET VALUE** RT **CALIBRATIONS** BT **VALUE** MATHEMATICAL MODELS RT COSTS **METHODOLOGY ECONOMICS STATISTICS LANDINGS MARKETING** MEASUREMENT DISCHARGE MEASUREMENT NT FLOW MEASUREMENT MARKETING **BATHYMETRY** RT COMMERCE RT COSTS **BENCH MARKS**

CENSUS CLIMATOLOGY **CURRENT METERS** DATA COLLECTIONS GAGING STATIONS **METEOROLOGY** INSTRUMENTATION **PRECIPITATION LENGTH** RAINFALL MAPPING **TEMPERATURE MONITORING** WEATHER SAMPLING WIND VELOCITY SOUNDING WINDS STATISTICS STREAM GAGES **METEOROLOGY SURVEYS** RT ATMOSPHERIC MEASUREMENT **TESTS** ATMOSPHERIC PRESSURE CLIMATIC DATA **THERMOMETERS** VELOCITY **CLIMATOLOGY CLOUDS** MENIDIA MENIDIA **HURRICANES** SILVERSIDES USE HYDROLOGIC CYCLE **HYDROLOGY** MERCENARIA MERCENARIA ICE USE HARD CLAM METEOROLOGICAL DATA PRECIPITATION MERCURY RAINFALL BT **HEAVY METALS** RAINFALL INTENSITY **METALS** REMOTE SENSING SATELLITES **MESOZOIC ERA STORMS** BT **GEOLOGIC TIME TEMPERATURE** WEATHER METABOLISM WIND VELOCITY WINDS ANIMAL METABOLISM NT **BIOCHEMICAL OXYGEN DEMAND** RT **BIOCHEMISTRY METHANE DIETS GASES** BT DIGESTION ORGANIC COMPOUNDS **ENERGY TRANSFER ENZYMES METHODOLOGY** FISH PHYSIOLOGY **ANALYTICAL TECHNIQUES** RT **HORMONES** MATHEMATICAL STUDIES **PLANNING** NUTRITION **OXYGEN DEMAND STATISTICS PHYSIOLOGY** PLANT PHYSIOLOGY MICROBIOLOGY RESPIRATION **AEROBIC BACTERIA** RT **VITAMINS** ANAEROBIC BACTERIA **BACTERIA METALS** BIODEGRADATION **ALUMINUM** BIOTECHNOLOGY NT **CALCIUM CLONES CESIUM CULTURES CHROMIUM** DISEASES COBALT **FUNGI** COPPER MICROORGANISMS **HEAVY METALS PATHOGENIC BACTERIA IRON PROTOZOA LEAD PUBLIC HEALTH** MAGNESIUM ULTRASTRUCTURE MANGANESE **VIRUSES** MERCURY **POTASSIUM MICROORGANISMS** SODIUM NT **AEROBIC BACTERIA** ANAEROBIC BACTERIA TIN ZINC **BACTERIA** RT ANTIFOULING MATERIALS **BACTERIOPHAGE** CHELATION CILIATES INORGANIC COMPOUNDS **COLIFORMS LEAD RADIOISOTOPES DERMOCYSTIDIUM TOXIC SUBSTANCES** DIATOMS TRACE ELEMENTS **DINOFLAGELLATES** E.COLI **METEOROLOGICAL DATA FORAMINIFERA** BT DATA MSX **CLIMATIC DATA** NANNOPLANKTON NT

RT

ATMOSPHERIC MEASUREMENT

CALIBRATIONS

NITROGEN FIXING BACTERIA PETROLOGY PATHOGENIC BACTERIA **ROCKS** PATHOGENIC FUNGI SEDIMENTOLOGY **PHYTOPLANKTON** SILICATES **PROTOZOA** MINERALS ROTIFERS **SEWAGE BACTERIA CARBONATES** NT **VIRUSES CLAY MINERALS YEASTS MANGANESE SILICATES** ALGAE RT INORGANIC COMPOUNDS **BENTHIC FLORA** RT DISINFECTION MINERAL INDUSTRY MINERALOGY **FUNGI** MINING MICRORIOLOGY NATURAL RESOURCES **MICROSCOPY VECTORS ROCKS** MICROPOGONIAS UNDULATUS MINING COAL USE CROAKER RT **FOSSIL FUELS** MINE WASTES MICROSCOPY ANALYTICAL TECHNIQUES MINERAL INDUSTRY BT MINERALS NT **ELECTRON MICROSCOPY** RT HISTOLOGICAL INVESTIGATIONS **ROCKS** LABORATORY EQUIPMENT STRIP MINES MICROORGANISMS OPTICAL PROPERTIES MINNOWS **FISH ULTRASTRUCTURE** BT CARP RT **KILLIFISHES MIGRATION** MUMMICHOG FISH MIGRATION NT SILVERSIDES VERTICAL MIGRATION RT ANADROMOUS FISH BEHAVIOR MIOCENE EPOCH **CENOZOIC ERA** DISPERSION BT **GEOLOGIC TIME** DISTRIBUTION DISTRIBUTION PATTERNS DIURNAL DISTRIBUTION MITIGATION ARTIFICIAL HABITATS **ECOLOGICAL DISTRIBUTION** RT HABITAT IMPROVEMENT **ECOLOGY** LAND MANAGEMENT **FISH BEHAVIOR LEGAL ASPECTS** LIFE HISTORY STUDIES LEGISLATION MOVEMENT REVEGETATION **NURSERY GROUNDS** SEASONAL DISTRIBUTION WETLANDS **TAGGING TEMPORAL DISTRIBUTION** MITOSIS **CHROMOSOMES** RT **GENETICS MILITARY ASPECTS ENGINEERING** REPRODUCTION RT **EXPLOSIONS** FEDERAL GOVERNMENT MIXING SHIPS **AERATION** RT AIR-WATER INTERFACES MINE WASTES **BIOTURBATION** BT INDUSTRIAL WASTES **CURRENTS** RT MINING DESTRATIFICATION **POLLUTANTS** DIFFUSION STRIP MINES DISCHARGE PLUME WASTE WATER DISPERSION **WASTES ENTRAINMENT** WATER POLLUTION SOURCES **HYDRAULICS** MOVEMENT MINERAL INDUSTRY SEDIMENT-WATER INTERFACES

BT RT **INDUSTRIES** DESALINATION **EXPLORATION MINERALS** MINING

MINERALOGY

RT

GEOCHEMISTRY GEOLOGY MINERALS

MODEL STUDIES

COMPUTER MODELS HYDRAULIC MODELS MATHEMATICAL MODELS STATISTICAL MODELS

SUSPENSION

TURBULENCE

TIDAL EFFECTS

WATER CIRCULATION

WAVE CLIMATE MODEL MOSQUITOES ANALYTICAL TECHNIQUES RT INSECTS RT RESEARCH **INVERTEBRATES** STOCHASTIC PROCESSES RT DDT **PESTICIDES MOLLUSKS PUBLIC HEALTH** BT BENTHIC FAUNA **INVERTEBRATES** MOSSES NT **BIVALVES** BT **PLANTS** CLAMS **VEGETATION GASTROPODS** HARD CLAM MOVEMENT MUSSELS **DYNAMICS** RT **NUDIBRANCH** KINETICS OYSTER DRILL MIGRATION **OYSTERS MIXING SCALLOPS SWIMMING** SHELLFISH TRANSPORT SHELLS VELOCITY SOFT CLAM VERTICAL MIGRATION **SNAILS** SQUID MSX SURF CLAM **MICROORGANISMS TELLINA PROTOZOA** RT DISEASES MOLTING **OYSTERS BLUE CRAB** RT **CRUSTACEANS** MUD **GROWTH STAGE** RT **CLAYS** LARVAE MUD FLATS LIFE CYCLES SEDIMENTS SOFT-SHELL CRAB INDUSTRY SILTS **SOILS** MONITORING **CENSUS MUD FLATS** RT CONTROL **BENTHOS** RT DATA COLLECTIONS **COASTAL ZONE MEASUREMENT** MUD REGULATION SALT MARSHES **SURVEYS** SEDIMENTARY STRUCTURES **SEDIMENTS** MORONE AMERICANUS SHORES WHITE PERCH WETLANDS USE MORONE CHRYSOPS **MULLETS** USE WHITE BASS BT **FISH** MARINE FISH MORONE SAXATILIS MUMMICHOG STRIPED BASS USE UF **FUNDULUS HETEROCLITUS** MORPHOLOGY BT **FISH** ORGANISM MORPHOLOGY **KILLIFISHES** UF ANATOMY MARINE FISH RT **DEFORMITIES MINNOWS ULTRASTRUCTURE MUNICIPAL WASTES** WASTES MORPHOLOGY (COASTAL) BT GEOMORPHOLOGY **DETERGENTS** RT USE DISPOSAL MORTALITY **LANDFILLS OCEAN DUMPING DISEASES** RT **EPIDEMIOLOGY ORGANIC WASTES** SEWAGE **FISH DISEASES SEWAGE EFFLUENTS** FISHKILL **LETHAL LIMIT SEWAGE SLUDGE PESTICIDES SEWERS** POLLUTION SLUDGE DISPOSAL POPULATION DYNAMICS URBANIZATION **PREDATION** WASTE DISPOSAL **PUBLIC HEALTH** WASTE TREATMENT TOXIC SUBSTANCES WASTE WATER WASTE WATER DISPOSAL TOXICITY WATER POLLUTION WASTE WATER TREATMENT WATER POLLUTION WATER POLLUTION EFFECTS

WATER POLLUTION SOURCES

MUSEUMS

RT ART

DATA COLLECTIONS
HISTORICAL DATA
INFORMATION SOURCES

MUSKRATS

RT

MAMMALS BT

RODENTS BURROWS TRAPPING

MUSSELS

BT

BENTHIC FAUNA BIVALVES **INVERTEBRATES** MOLLUSKS SHELLFISH

MUTATIONS

RT

BIOTECHNOLOGY CARCINOGENS CHROMOSOMES **EVOLUTION GENETICS NEW SPECIES**

MYSIDS

CRUSTACEANS

INVERTEBRATES

	N		SCENERY SOILS WATER SUPPLY
NANNOPLANKTON			WETLANDS
SN	Includes planktonic organisms smaller		WILDLIFE
	that 60 microns	NAVIGABLE WATE	RS
ВТ	MICROORGANISMS	NT	CANALS
RT	PLANKTON BACTERIA		CHANNELS
N1	PHYTOPLANKTON		HARBORS
	PROTOZOA		INLAND WATERWAYS INLETS
	ZOOPLANKTON		PORTS
NATIONAL CANOTII	ADIFO	RT	MARINE RESOURCES
NATIONAL SANCTU	CONSERVATION		NAVIGATION
***	HABITAT IMPROVEMENT	NAVIGATION	
	LAND USE	RT	BATHYMETRY
	NATIONAL SEASHORES	•••	BOATING
	NATIONAL WILDLIFE REFUGES		BOUYS
	PARKS PRESERVATION		CANALS
	PUBLIC LANDS		CHANNELS CHARTS
			HARBORS
NATIONAL SEASHO			MAPS
RT	BEACHES CONSERVATION		NAVIGABLE WATERS
	NATIONAL SANCTUARIES		NAVIGATIONAL AIDS
	NATIONAL WILDLIFE REFUGES		PORTS RADAR
	PARKS		RIPARIAN RIGHTS
	PRESERVATION		SAILING
	PUBLIC LANDS RECREATION FACILITIES		SHIPS
	SHORES		TRANSPORTATION
	TOURISM	NAVIGATIONAL A	DS.
		BT	EQUIPMENT
NATIONAL WILDLIF		NT	BUOYS
RT	CONSERVATION HABITAT IMPROVEMENT		CHARTS
	NATIONAL SANCTURIES		MAPS RADAR
	NATIONAL SEASHORES		SOUNDING
	PARKS	RT	NAVIGATION
	PRESERVATION PUBLIC LANDS		
	WILDLIFE	NEMATODES BT	INVERTEBRATES
	WILDLIFE MANAGEMENT	DI	WORMS
		RT	PARASITES
NATURAL GAS BT	GASES		
RT	FOSSIL FUELS	NEMERTEANS BT	BENTHIC FAUNA
	GAS INDUSTRY	ы	INVERTEBRATES
	NATURAL RESOURCES		WORMS
	OIL		
NATURAL RESOURCE	CES	NERVE CELLS RT	ANATOMY
BT	RESOURCES	nı	PHYSIOLOGY
NT	FOSSIL FUELS		
	LAND RESOURCES MARINE RESOURCES	NESTING	
	MINERALS	RT	BEHAVIOR
	NATURAL GAS		BIRD EGGS BIRDS
	OIL		BREEDING
	SANDS		EGGS
	SOILS WATER RESOURCES		HATCHING
RT	CONSERVATION		NESTS REPRODUCTION
	EXPLOITATION		REFRODUCTION
	FISHERIES	NESTS	
	FORESTS LAND USE	RT	BIRD EGGS
	PARKS		BIRDS
	PRESERVATION		BURROWS EGGS
	RECREATION		HATCHING
	RESOURCE DEVELOPMENT		NESTING

	REPRODUCTION	MITDOGEN	
	REPRODUCTION	NITROGEN BT	GASES
NETS		ы	NUTRIENTS
BT	EQUIPMENT	RT	AMMONIA
NT	PLANKTON NETS	•••	AMMONIUM COMPOUNDS
RT	COMMERCIAL FISHING		EUTROPHICATION
	FISHERIES		NITRATES
	FISHING GEAR		NITRIFICATION
	SAMPLING		NITRITES
	SEINING		NITROGEN COMPOUNDS
	TRAPPING		NITROGEN CYCLE
	TRAWLING		NITROGEN FIXATION
NEW GENERA			NITROGEN FIXING BACTERIA NON POINT SOURCES
RT	EVOLUTION		WATER POLLUTION
•••	IDENTIFICATION		WATER QUALITY
	NEW SPECIES		***************************************
	SYSTEMATICS	NITROGEN COMPO	UNDS
	TAXONOMY	BT	NUTRIENTS
		NT	AMMONIA
NEW RECORDS			AMMONIUM COMPOUNDS
RT	DISTRIBUTION	•	NITRATES
	DISTRIBUTION PATTERNS IDENTIFICATION		NITRITES
	IDENTIFICATION	RT ·	UREAS AMINO ACIDS
NEW SPECIES		nı ·	FERTILIZERS
RT	EVOLUTION		NITROGEN
* = = ,	IDENTIFICATION		NITROGEN CYCLE
	MUTATIONS		ORGANIC COMPOUNDS
	NEW GENERA		PROTEINS
	SPECIATION		
	SPECIES SYSTEMATICS	NITROGEN CYCLE BT	BIOGEOGUELHOAL OVOLES
	TAXONOMY	ы	BIOGEOCHEMICAL CYCLES NUTRIENT CYCLES
	TAXONOM!	RT	AMMONIA
NICHES			BIODEGRADATION
BT	HABITATS		DENITRIFICATION
RT	COMMUNITY STRUCTURE		NITRATES
	ECOLOGY		NITRIFICATION
	ECOSYSTEMS		NITRITES
NITRATES			NITROGEN NITROGEN COMPOUNDS
BT	INORGANIC COMPOUNDS		NITROGEN FIXATION
	NITROGEN COMPOUNDS		
	NUTRIENTS	NITROGEN FIXATIO	N
RT	DENITRIFICATION	RT	NITRIFICATION
	EUTROPHICATION		NITROGEN
	FERTILIZERS		NITROGEN CYCLE
	NITRIFICATION NITRITES		NITROGEN FIXING BACTERIA
	NITROGEN	NITROGEN FIXING I	PACTEDIA
	NITROGEN CYCLE	BT	BACTERIA
	WATER POLLUTION		MICROORGANISMS
	WATER QUALITY	RT	NITROGEN
			NITROGEN FIXATION
NITRIFICATION	A A A A A A A A A A A A A A A A A A A	NOOTHBALL	
RT	AMMONIA DENITRIFICATION	NOCTURNAL RT	DILIBANAL DISTRIBUTION
	NITRATES	ni	DIURNAL DISTRIBUTION
	NITRITES	NON POINT SOURC	ES
	NITROGEN	RT	AGRICULTURE
	NITROGEN CYCLE		EUTROPHICATION
	NITROGEN FIXATION		FERTILIZERS
			NITROGEN
NITRITES			NUTRIENTS
BT	INORGANIC COMPOUNDS		POLLUTION
	NITROGEN COMPOUNDS		RUNOFF
RT	NUTRIENTS DENITRIFICATION		WATER POLLUTION WATER POLUTION SOURCES
ΠI	EUTROPHICATION		WATER POLUTION SOURCES WATER QUALITY
	NITRATES		URBANIZATION
	NITRIFICATION		
	NITROGEN	NUCLEAR POWER I	
	NITROGEN CYCLE	BT	POWER PLANTS

RT

COOLING WATER

ELECTRIC POWER PRODUCTION

ENTRAINMENT FACILITY SITING

INTAKES

RADIOACTIVE WASTES RADIOACTIVITY THERMAL POLLUTION

NUCLEAR WASTES

USE RADIOACTIVE WASTES

NUDIBRANCH

RT

INVERTEBRATES MOLLUSKS

NURSERY GROUNDS

RT

JUVENILE FISHES LARVAE MIGRATION SPAWNING

NUTRIENT CYCLES

BT

BIOGEOCHEMICAL CYCLES

NT CAP

CARBON CYCLE NITROGEN CYCLE BIODEGRADATION

RT

DEGRADATION
DEGRADATION
ENERGY BUDGET
EUTROPHICATION
FOOD CHAINS
NUTRIENTS

PRIMARY PRODUCTIVITY
SECONDARY PRODUCTIVITY

NUTRIENT ENRICHMENT

USE EUTROPHICATION

NUTRIENT REQUIREMENTS
USE NUTRITION

NUTRIENTS

NT

AMMONIA

AMMONIUM COMPOUNDS

CARBON NITRATES NITRITES NITROGEN

NITROGEN COMPOUNDS

PHOSPHATES PHOSPHORUS

RT

BIOGEOCHEMICAL CYCLES

EUTROPHICATION
FERTILIZERS
NON POINT SOURCES
NUTRIENT CYCLES
PHOSPHORUS COMPOUNDS

SOIL ANALYSIS TRACE ELEMENTS WATER POLLUTION WATER QUALITY

NUTRITION

UF RT NUTRIENT REQUIREMENTS

CARBOHYDRATES

DIETS DIGESTION FEEDING

FOOD ABUNDANCE

FOODS LIPIDS PHYSIOLOGY PLANT PHYSIOLOGY

PROTEINS

53

METABOLISM VITAMINS

0

SURFACE FILMS WATER POLLUTION WATER POLLUTION SOURCES

OCCUPATIONS

RT

EMPLOYMENT

LABOR MANPOWER

OCEAN DUMPING

BT RT DISPOSAL

MUNICIPAL WASTES SEWAGE DISPOSAL **SEWAGE SLUDGE** SLUDGE DISPOSAL SOLID WASTES SPOIL DISPOSAL

WASTES

WASTE DISPOSAL WATER POLLUTION

OFFSHORE CONSTRUCTION

BT RT

CONSTRUCTION ARTIFICIAL HABITATS **COASTAL STRUCTURES**

DRILLING **ENGINEERING GAS INDUSTRY OIL INDUSTRY**

OIL

RT

DRILLING FOSSIL FUELS LIPIDS **NATURAL GAS NATURAL RESOURCES**

OIL INDUSTRY OIL POLLUTION OIL SPILLS ORGANIC MATTER

PETROLEUM DEGRADATION

OIL INDUSTRY

BT RT **INDUSTRIES EXPLOITATION EXPLORATION DRILLING GAS INDUSTRY**

LEASES

OFFSHORE CONSTRUCTION

OIL

OIL POLLUTION OIL SPILLS

OIL POLLUTION

BT

POLLUTION WATER POLLUTION

CHEMICAL WASTES RT INDUSTRIAL WASTES

OIL

OIL INDUSTRY

OIL SPILLS PETROLEUM DEGRADATION

SURFACE FILMS

OIL SPILLS

BT RT **SPILLS CLEAN-UP**

INDUSTRIAL WASTES

OIL

OIL INDUSTRY OIL POLLUTION

PETROLEUM DEGRADATION

POLLUTION

OPSANUS TAU

USE TOADFISH

OPTICAL PROPERTIES

PHYSICAL PROPERTIES BT

RT **FLUOROMETRY**

LIGHT LIGHT ATTENUATION LIGHT INTENSITY LIGHT PENETRATION MICROSCOPY TURBIDITY

ORGANIC COMPOUNDS

NT

AMINO ACIDS

AROMATIC COMPOUNDS **CARBOHYDRATES**

CELLULOSE **CHELATES**

CHLORINATED HYDROCARBON

PESTICIDES CHLOROPHYLL DDT ENZYMES **GLYCOGEN HORMONES HUMIC ACIDS** LIPIDS METHANE

PCB POLYNUCLEAR AROMATIC

HYDROCARBONS

PROTEINS STARCH TBT UREAS BIOCHEMISTRY

RT CARBON

NITROGEN COMPOUNDS ORGANIC MATTER **ORGANIC WASTES PESTICIDES PIGMENTS**

ORGANIC LOADING

EUTROPHICATION USE

ORGANIC MATTER

BIOCHEMISTRY RT

DETRITUS **FERTILIZERS HUMIC ACIDS** OIL

ORGANIC COMPOUNDS

ORGANIC WASTES

WASTES

ORGANIC WASTES

ANIMAL WASTES UF BT **WASTES** RT

BIODEPOSITION CHEMICAL WASTES **DETRITUS**

FERTILIZERS MUNICIPAL WASTES ORGANIC COMPOUNDS ORGANIC MATTER

POLLUTION SEWAGE

SEWAGE SLUDGE SOLID WASTES WATER POLLUTION

WATER POLLUTION SOURCES

ORGANISM MORPHOLOGY

OSMOREGULATION

USE

DIFFUSION RT ION TRANSPORT

MORPHOLOGY

OSMOSIS

OSMOTIC PRESSURE

PHYSIOLOGY PLANT PHYSIOLOGY SALT TOLERANCE

OSMOSIS

BT DIFFUSION

TRANSPORT RT **ADSORPTION**

OSMOREGULATION OSMOTIC PRESSURE

OSMOTIC PRESSURE

OSMOREGULATION RT

OSMOSIS

PHYSICAL PROPERTIES

PLANT PHYSIOLOGY

OSPREYS

UF PANDION HALIAETUS

BIRDS

BT SHORE BIRDS RT

OSTEOLOGY

ANATOMY RT

OTOLITHS SKELETON

BT

OSTRACODS

CRUSTACEANS INVERTEBRATES

OTOLITHS

RT

ANATOMY OSTEOLOGY

SKELETON

OTTERS

UF BT

LUTRA CANADENSIS MAMMALS

MARINE MAMMALS

OUTDOOR RECREATION RECREATION USE

OWNERSHIP OF BEDS

RT

BEDS UNDER WATER **BOUNDARIES**

BOUNDARY DISPUTES

LEASES

LEGAL ASPECTS OYSTER GROUNDS

RIPARIAN RIGHTS

OXIDATION

RT

BIODEGRADATION DEGRADATION INCINERATION OXYGEN DEMAND REDUCTION

SEWAGE TREATMENT

OXYGEN

BT

GASES **AERATION** RT

AEROBIC CONDITIONS

ANOXIA

BIOCHEMICAL OXYGEN DEMAND

DISSOLVED OXYGEN **OXYGEN DEMAND OXYGEN DEPLETION**

OZONE RESPIRATION

OXYGEN DEMAND

NT RT BIOCHEMICAL OXYGEN DEMAND

AERATION

ANOXIA DISSOLVED OXYGEN

EUTROPHICATION METABOLISM OXIDATION

OXYGEN OXYGEN DEPLETION

PHOTOSYNTHESIS PHYSIOLOGY

PRIMARY PRODUCTIVITY **PRODUCTIVITY**

RESPIRATION WATER QUALITY

OXYGEN DEPLETION

SN RT Used for low oxygen conditions ANAEROBIC CONDITIONS

ANOXIA **DEGRADATON**

DISSOLVED OXYGEN EUTROPHICATION

FISHKILL **OXYGEN**

OXYGEN DEMAND

OXYGENATION

USE **AERATION**

OYSTER DRILLS

RT

UROSALPINX CINEREA UF RT **GASTROPODS**

MOLLUSKS

SNAILS

OYSTERS

PARASITES

OYSTER GROUNDS

BEDS UNDER WATER RT

CULTCH

LEASES

OWNERSHIP OF BEDS OYSTER INDUSTRY

OYSTERS PERMITS **PUBLIC LANDS** RIPARIAN RIGHTS

OYSTER INDUSTRY

INDUSTRIES BT

SEAFOOD INDUSTRY

RT **AQUACULTURE**

BIVALVES

COMMERCIAL FISHING

FISHERIES HARVESTING MARICULTURE OYSTER GROUNDS

OYSTERS

SEAFOOD INDUSTRY SHELLFISH

OYSTER SETTING

RT

CULTCH DEVELOPMENT LARVAE **OYSTERS** SPAT **SPAWNING**

OYSTER SPAT USE SPAT

OYSTERS UF

CRASSOSTREA VIRGINICA BENTHIC FAUNA BIVALVES

BT

INVERTEBRATES MOLLUSKS SHELLFISH

RT

BEDS UNDER WATER CONDITION INDEX DERMOCYSTIDIUM MSX

OYSTER DRILLS OYSTER GROUNDS OYSTER INDUSTRY OYSTER SETTING SEAFOOD INDUSTRY

SPAT

OZONE

вт GASES RT **OXYGEN** D

TOURISM

	P		TOURISM
·		PARTICLE SIZE USE GRAIN SIZE	
PALEOCLIMATOLO	GY	OSL GRA	IN SIZE
BT	CLIMATOLOGY	PATHOGENIC BA	CTERIA
RT	ARCHAEOLOGY	BT	BACTERIA
	CONTINENTAL DRIFT	01	MICROORGANISMS
	FOSSILS	RT	COLIFORMS
	GEOLOGIC TIME	***	DISEASES
	GEOLOGY		E.COLI
	HISTORY		EPIDEMIOLOGY
	PALEONTOLOGY		EPIZOOTIOLOGY
	STRATIGRAPHY		FISH DISEASES
			HUMAN DISEASES
PALEONTOLOGY			IMMUNITY
RT	ARCHAEOLOGY		MICROBIOLOGY
	CONTINENTAL DRIFT		PARASITES
	FOSSILS		PATHOLOGY
	GEOLOGIC FORMATIONS		PUBLIC HEALTH
	GEOLOGIC TIME GEOLOGY		SEWAGE BACTERIA
	HISTORY		
	PALEOCLIMATOLOGY	PATHOGENIC FU	
	RADIOACTIVE DATING	BT	FUNGI
	SEDIMENTOLOGY		MICROORGANISMS
	STRATIGRAPHY	RT	DISEASES
	on Marketin		FISH DISEASES
PANDION HALIAETI	IS		PARASITES
USE OSPRE			PATHOLOGY
			PLANT DISEASES
PARALICHTHYS DE	NTATUS	PATHOLOGY	
USE FLOUN	IDER	UF	ANIMAL PATHOLOGY
		NT	PARASITISM
PARASITES			PLANT PATHOLOGY
NT	FISH PARASITES	RT	DISEASE RESISTANCE
	PLANT PARASITES		DISEASES
	TREMATODES		EPIDEMIOLOGY
RT	DISEASES		FISH DISEASES
	EPIZOOTIOLOGY		HUMAN DISEASES
	FISH DISEASES		IMMUNITY
	HUMAN DISEASES NEMATODES		LETHAL LIMIT
	OYSTER DRILLS		PARASITES
	PARASITISM		PATHOGENIC BACTERIA
	PATHOGENIC BACTERIA		PATHOGENIC FUNGI
	PATHOGENIC FUNGI		PLANT DISEASES
	PATHOLOGY		PUBLIC HEALTH TOXICITY
	PROTOZOA		VECTORS
	WORMS		VECTORS
		РСВ	
PARASITISM		UF	POLYCHLORINATED BIPHENYLS
BT	PATHOLOGY	BT	AROMATIC COMPOUNDS
RT	BIOLOGICAL CONTROL		ORGANIC COMPOUNDS
	DISEASES		POLYNUCLEAR AROMATIC
	ECOLOGY		HYDROCARBONS
	FISH DISEASES	, RT	POLLUTANTS
	FISH PARASITES		TOXIC SUBSTANCES
	HUMAN DISEASES		
	PARASITES PLANT DISEASES	PEPRILUS SP.	
	SYMBIOSIS	USE BUT	TERFISH
	311410313	05004 51 41/500	ruo.
PARKS		PERCA FLAVESC	
RT	CONSERVATION	USE YELI	LOW PERCH
•••	LAND USE	PERCHES	
	NATIONAL SANCTUARIES		DDUME
	NATIONAL SEASHORES	BT	Drums Fish
	NATIONAL WILDLIFE REFUGES		FRESHWATER FISH
	NATURAL RESOURCES	NT	YELLOW PERCH
	PUBLIC LANDS	141	ILLECTI I LINGII
	RECREATION	PERMITS	
	RECREATION FACILITIES	RT	CONTROL
	SCENERY	nı	DRILLING

LAND MANAGEMENT LAND USE **PETROLOGY** LEASES BT **GEOLOGY LEGAL ASPECTS** NT SEDIMENTARY PETROLOGY LEGISLATION GEOCHEMISTRY RT LOCAL GOVERNMENTS MINERALOGY REGULATION **ROCKS** SPORT FISHING SEDIMENTOLOGY STATE GOVERNMENTS **SEDIMENTS** WATER LAW **STRATIGRAPHY ZONING** PETROMYZON MARINUS
USE LAMPREYS **PERSONNEL EMPLOYMENT** RT LABOR PH MANAGEMENT UF HYDROGEN ION CONCENTRATION **MANPOWER** RT **ACID RAIN** RESOURCES **ALKALINITY** WATER CHEMISTRY **PEST CONTROL PHOSPHATES** BT CONTROL AQUATIC WEED CONTROL NT BT INORGANIC COMPOUNDS INSECT CONTROL PHOSPHORUS COMPOUNDS RT ANIMAL CONTROL RT **DETERGENTS BIOLOGICAL CONTROL EUTROPHICATION ENTOMOLOGY FERTILIZERS** INSECTS **NUTRIENTS PESTICIDES PHOSPHORUS PUBLIC HEALTH** SANITARY ENGINEERING **PHOSPHORUS SEA NETTLES FERTILIZERS** RT **NUTRIENTS PESTICIDES PHOSPHATES** UF **INSECTICIDES** PHOSPHORUS COMPOUNDS NT CHLORINATED HYDROCARBON **PESTICIDES** PHOSPHORUS COMPOUNDS DDT NT **PHOSPHATES KEPONE** RT **EUTROPHICATION** RT **AGRICULTURE FERTILIZERS ALGICIDES** NUTRIENTS ANIMAL CONTROL **PHOSPHORUS ANTIBIOTICS** AROMATIC COMPOUNDS **PHOTOGRAPHY AVICIDES AERIAL PHOTOGRAPHY** NT BIOACCUMULATION UNDERWATER PHOTOGRAPHY **CARCINOGENS** RT ILLUSTRATIONS **CHEMICAL WASTES MAPPING** REMOTE SENSING CONTROL **COPPER SULFATE SATELLITES CROPS SURVEYS FUNGICIDES PHOTOSYNTHESIS HERBICIDES** INSECT CONTROL RT **ALGAE INSECTS BIOCHEMICAL OXYGEN DEMAND BIOCHEMISTRY LETHAL LIMIT CARBOHYDRATES** MORTALITY MOSQUITOES **CARBON CYCLE ORGANIC COMPOUNDS CARBON DIOXIDE** PEST CONTROL CHLOROPHYLL **POLLUTANTS** LIGHT **POLLUTION OXYGEN DEMAND** SOIL CONTAMINATION **PHYTOPLANKTON** TOXIC SUBSTANCES **PIGMENTS** PLANT PHYSIOLOGY TOXICITY PRIMARY PRODUCTIVITY PETROLEUM DEGRADATION **DEGRADATION PHYLOGENY** BT RT **BIODEGRADATION** RT **EVOLUTION** OIL **SPECIATION** OIL POLLUTION SYSTEMATICS

OIL SPILLS

HUNTING

	TAXONOMY	PIERS	
PHYSICAL PROPER	TIES	USE DOCKS	8
SN	Use of a more specific term	PIGMENTS	
	recommended	NT	CHLOROPHYLL
NT	DENSITY	RT	ALBINISM
	LENGTH		BIOCHEMISTRY
	OPTICAL PROPERTIES		BIOLUMINESCENCE
	SIZE		FLUORESCENCE
	STRENGTH		ORGANIC COMPOUNDS
	TURBIDITY WEIGHT		PHOTOSYNTHESIS
	WIDTH		PLANT PHYSIOLOGY
RT	CONDUCTIVITY	PIKE	
111	KINETICS	BT	FISH
	MAGNETIC STUDIES	81	FRESHWATER FISH
	OSMOTIC PRESSURE		" NEONWATER FOR
	PHYSICOCHEMICAL PROPERTIES	PLANKTON	
	SALINITY	NT	CHAETOGNATHS
	SHEAR STRENGTH		CTENOPHORES
	SHEAR STRESS		DIATOMS
	STABILITY		DINOFLAGELLATES
	STRATIFICATION		ICHTHYOPLANKTON
	TEMPERATURE		JELLYFISH
	WATER CIRCULATION		NANNOPLANKTON
	WATER TEMPERATURE		PHYTOPLANKTON
PHYSICOCHEMICAL	DDODEDTIES		ROTIFERS
RT	ELECTROCHEMISTRY		SEA NETTLES ZOOPLANKTON
***	PHYSICAL PROPERTIES	RT	ALGAE
	THERMODYNAMICS	ni.	AMOEBAE
	THE IMOS IT WINGS		BACTERIA
PHYSIOGRAPHY			CNIDARIA
USE GEOM	PRPHOLOGY		COPEPODS
			CRUSTACEANS
PHYSIOLOGY			INVERTEBRATES
NT	FISH PHYSIOLOGY		LARVAE
	PLANT PHYSIOLOGY		PLANKTON NETS
RT	ACCLIMATION		SCYPHOZOA
	ANATOMY	DI ANIZTON NETO	
	ANIMAL METABOLISM BIOACCUMULATION	PLANKTON NETS	NETO
	BIOCHEMISTRY	BT RT	NETS PLANKTON
	BIOLUMINESCENCE	nı .	PLANKTON
	BLOOD	PLANNING	
	CIRCULATORY SYSTEM	NT	PROJECT PLANNING
	COMPARATIVE STUDIES	RT	ADMINISTRATION
	CONDITION INDEX		ADMINISTRATIVE DECISIONS
	DIGESTION		CENSUS
	ENVIRONMENTAL EFFECTS		ECONOMIC EFFICIENCY
	ENZYMES		FEASIBILITY STUDIES
	GROWTH RATES		FINANCING
	GROWTH STAGES		LEGISLATION
	HORMONES		MANAGEMENT
	METABOLISM NERVE CELLS		MARINE RESOURCES
			DEVELOPMENT
	NUTRITION OSMOREGULATION		MARKETING METHODOLOGY
	OXYGEN DEMAND		PROGRAMS
	REPRODUCTION		PROJECTS
	RESPIRATION		RESEARCH
			WATER RESOURCES DEVELOPMENT
PHYTOPLANKTON			Z'ONING
BT	MICROORGANISMS		
	PLANKTON	PLANT DISEASES	
	PLANTS	BT	DISEASES
NT	DIATOMS	RT	BACTERIA
	DINOFLAGELLATES		EPIDEMIOLOGY
RT	ALGAE		FUNGI
	CHLOROPHYTA		FARASITISM
	EUTROPHICATION		PATHOGENIC FUNGI
	NANNOPLANKTON		FATHOLOGY
	PRIMARY PRODUCTIVITY		FLANT PARASITES
	PHOTOSYNTHESIS		PLANT PATHOLOGY

PLANTS RELATIONSHIPS SUCCESSION **PLANT PARASITES** VEGETATION BT **PARASITES** PLANT DISEASES RT **PLATYHELMINTHES** PLANT PATHOLOGY UF **FLATWORMS PLANT VIRUSES** вт **BENTHIC FAUNA PLANTS INVERTEBRATES** WORMS PLANT PATHOLOGY **PATHOLOGY** BT PLEISTOCENE EPOCH RT DISEASES **CENOZOIC ERA** RT PLANT DISEASES **GEOLOGIC TIME** PLANT PARASITES PLANT PHYSIOLOGY **POLITICAL ASPECTS PLANT VIRUSES ADMINISTRATION** RT **PLANTS DECISION MAKING ECONOMICS PLANT PHYSIOLOGY** FEDERAL GOVERNMENT BT **PHYSIOLOGY** JURISDICTION RT **BIOCHEMISTRY LEGAL ASPECTS** BIOLUMINESCENCE **LEGISLATION CARBOHYDRATES** LOCAL GOVERNMENTS CELLULOSE **PUBLIC RELATIONS CHLOROPHYLL** STATE GOVERNMENTS **FNZYMES** STATE JURISDICTION GERMINATION **METABOLISM POLLEN** NUTRITION RT AIR POLLUTION **OSMOREGULATION PLANTS** OSMOTIC PRESSURE REPRODUCTION **PHOTOSYNTHESIS SPORES PIGMENTS** PLANT PATHOLOGY POLLUTANT IDENTIFICATION **IDENTIFICATION** PLANTS BT REPRODUCTION RT AIR POLLUTION RESPIRATION **BIOASSAY** ROOT SYSTEMS **EFFLUENTS** SOIL-WATER-PLANT **INDICATORS** RELATIONSHIPS **POLLUTANTS** SOIL CONTAMINATION **PLANT VIRUSES** WATER ANALYSIS **VIRUSES** WATER POLLUTION BT **PLANT DISEASES** RT WATER POLLUTION SOURCES **PLANT PARASITES** PLANT PATHOLOGY **POLLUTANTS PLANTS** AIR POLLUTION RT BIOACCUMULATION **PLANTS CARCINOGENS** UF **FLORA CHEMICAL WASTES** ALGAE NT **DETERGENTS AQUATIC WEEDS FERTILIZERS** BENTHIC FLORA **FLY ASH EEL GRASS HERBICIDES FERNS LETHAL LIMIT** MARSH PLANTS MINE WASTES MOSSES **PCB** PHYTOPLANKTON **PESTICIDES SEAGRASS** POLLUTANT IDENTIFICATION SUBMERGED PLANTS RADIOACTIVE WASTES **SPILLS** TREES RT **CROPS** THERMAL POLLUTION **FORESTS** TOXIC SUBSTANCES **HERBICIDES WASTES** WATER POLLUTION PLANT DISEASES WATER POLLUTION CONTROL **PLANT PARASITES** PLANT PATHOLOGY WATER POLLUTION SOURCES PLANT PHYSIOLOGY **PLANT VIRUSES** POLLUTION AIR POLLUTION **POLLEN** NT PRIMARY PRODUCTIVITY OIL POLLUTION REVEGETATION THERMAL POLLUTION WATER POLLUTION SEEDS

SOIL-WATER-PLANT

PLANT VIRUSES

RT BIOACCUMULATION **ECOLOGY CHEMICAL WASTES FECUNDITY DISPOSAL GENETICS** ECOLOGICAL IMPACT POPULATION DYNAMICS **ENVIRONMENTAL IMPACTS PRODUCTIVITY EUTROPHICATION** SOCIAL ASPECTS INDUSTRIAL WASTES SUCCESSION KEPONE LANDFILLS POPULATION DYNAMICS MORTALITY BT **DYNAMICS** NON POINT SOURCES RT **ABUNDANCE OIL SPILLS ECOLOGY ORGANIC WASTES FECUNDITY PESTICIDES GENETICS** POLLUTION ABATEMENT **GROWTH RATES PUBLIC HEALTH** MORTALITY RADIOACTIVE WASTES **POPULATION SEWAGE** REPRODUCTION SEWAGE DISPOSAL SEWAGE EFFLUENTS PORE WATER SEWAGE SLUDGE USE INTERSTITIAL WATER SLUDGE DISPOSAL SOLID WASTES PORIFERA **SPILLS** UF **SPONGES** BENTHIC FAUNA WASTE DISPOSAL BT **WASTES INVERTEBRATES POLLUTION ABATEMENT** PORT AUTHORITIES **ABATEMENT** BT **HARBORS** RT RT AIR POLLUTION MARITIME DEVELOPMENT **CLEAN-UP PORTS** CONTROL **DEPURATION PORTS** HABITAT IMPROVEMENT **DOCKS** RT POLLUTION **HARBORS** REGULATION **JETTIES** SANITARY ENGINEERING **MARINAS** THERMAL POLLUTION MARITIME DEVELOPMENT WATER POLLUTION **NAVIGABLE WATERS** WATER POLLUTION CONTROL **NAVIGATION** WATER QUALITY CONTROL **PORT AUTHORITIES** SHIPPING **POLYCHAETES** BT **BENTHIC FAUNA POTASSIUM INVERTEBRATES METALS** BT WORMS **POULTRY** POLYCHLORINATED BIPHENYLS **AGRICULTURE** RT USE PCB **EGGS** INDUSTRIES POLYNUCLEAR AROMATIC HYDROCARBONS AROMATIC COMPOUNDS ORGANIC COMPOUNDS **POWER PLANTS ELECTRIC POWER PLANTS** UF NT **PCB** NT HYDROELECTRIC POWER PLANTS RT **TOXIC SUBSTANCES NUCLEAR POWER PLANTS** RT **ELECTRIC POWER PRODUCTION POMATOMUS SALTATRIX ELECTRICITY** USE BLUEGILL **ENTRAINMENT FACILITY SITING** PONDS INDUSTRIAL PLANTS SALT PONDS NT **STEAM TURBINES** RT DAMS THERMAL POLLUTION **IMPOUNDMENTS TIDAL ENERGY** FISH STOCKING UTILITIES **FRESHWATER** RESERVOIRS **PRECIPITATION** SN Use for atmospheric and chemical **POPULATION** precipitation ABUNDANCE RT **ACID RAIN** RT **CENSUS CLIMATIC DATA** COMMUNITY DEVELOPMENT **CLIMATOLOGY**

COMMUNITY STRUCTURE

DENSITY

DISTRIBUTION

CLOUDS

FLOODS

DROUGHTS

HURRICANES HYDROLOGIC CYCLE HYDROLOGIC DATA **HYDROLOGY** METEOROLOGICAL DATA

METEOROLOGY RAINFALL RUNOFF

SEDIMENTATION STORMS

WATER SUPPLY **WEATHER**

PRECIPITATION INTENSITY USE RAINFALL INTENSITY

PREDATION

COMPETITION RT

FCOLOGY FEEDING FEEDING RATES FISHKILL FOOD CHAINS

MORTALITY

SECONDARY PRODUCTIVITY

TROPHIC LEVEL

PRESERVATION

CONSERVATION RT

ENDANGERED SPECIES FISH MANAGEMENT

NATURAL RESOURCES NATIONAL SANCTUARIES NATIONAL SEASHORES

NATIONAL WILDLIFE REFUGES WILDLIFE MANAGEMENT

PRIMARY PRODUCTIVITY

PRODUCTIVITY BT RT ALGAE **BIOMASS**

ECOLOGY ENERGY BUDGET EUTROPHICATION FOOD CHAINS NUTRIENT CYCLES OXYGEN DEMAND

PHOTOSYNTHESIS PHYTOPLANKTON

PLANTS

SECONDARY PRODUCTIVITY

VEGETATION

PROCESSING

UF **SEAFOOD PROCESSING** RT COMMERCIAL FISHING **CRAB INDUSTRY**

INDUSTRIAL PRODUCTION

INDUSTRIES QUALITY CONTROL **SEAFOOD INDUSTRY**

PRODUCTIVITY

RT

PRIMARY PRODUCTIVITY NT

SECONDARY PRODUCTIVITY

BIOMASS CATCH COMPETITION

ECOLOGY FECUNDITY FEEDING RATES FISH MANAGEMENT

FOOD ABUNDANCE

FOOD CHAINS GROWTH RATES HARVESTING LANDINGS OXYGEN DEMAND **POPULATION** TROPHIC LEVEL

VALUE

PROFILES

RT **DISTRIBUTION PATTERNS**

ELEVATION

ENVIRONMENTAL GRADIENT

MAPPING STRATIFICATION STRATIGRAPHY SURVEYS

PROGRAMS RT

ADMINISTRATION

PLANNING

PROJECT PLANNING

PROJECTS

PROJECT BENEFITS

PROJECT PLANNING RT

PROJECTS RECOMMENDATIONS

PROJECT FEASIBILITY

USE FEASIBILITY STUDIES

PROJECT PLANNING

PLANNING BT RT **ADMINISTRATION**

COSTS

ECONOMIC FEASIBILITY ECONOMICS FEASIBILITY STUDIES **LEGAL ASPECTS MANAGEMENT**

PROGRAMS PROJECT BENEFITS **PROJECTS**

ZONING

PROJECTS

ADMINISTRATION RT

PROGRAMS

PROJECT BENEFITS PROJECT PLANNING

RESEARCH

PROTEINS

BT ORGANIC COMPOUNDS RT **AMINO ACIDS**

BIOCHEMISTRY CARBOHYDRATES

ENZYMES LIPIDS

NITROGEN COMPOUNDS

NUTRITION

PROTOZOA

RT

MICROORGANISMS BT NT **AMOEBAE**

CILIATES

DERMOCYSTIDIUM

FORAMINIFERA

MSX

MICROBIOLOGY NANNOPLANKTON

PARASITES

PUBLIC HEALTH

RT

AIR POLLUTION BACTERIA CARCINOGENS DISEASES

ENVIRONMENTAL IMPACTS ENVIRONMENTAL ENGINEERING

EPIDEMIOLOGY
EPIZOOTIOLOGY
HUMAN DISEASES
LANDFILLS
LEGAL ASPECTS
MICROBIOLOGY
MORTALITY
MOSQUITOES

PATHOGENIC BACTERIA

PATHOLOGY PEST CONTROL POLLUTION RED TIDE SAFETY

SEWAGE BACTERIA SOCIAL ASPECTS SOIL CONTAMINATION TOXIC SUBSTANCES

TOXICITY
URBANIZATION
VECTORS
VIRUSES

WASTE DISPOSAL WATER POLLUTION

WATER POLLUTION EFFECTS

WATER QUALITY WATER TREATMENT

PUBLIC LANDS

NT

NATIONAL SANCTUARIES NATIONAL SEASHORES

NATIONAL WILDLIFE REFUGES

RT OYSTER GROUNDS

OYSTER GROUNDS PARKS

RECREATION FACILITIES

PUBLIC OPINIONS

RT PUB

PUBLIC RELATIONS SOCIAL ASPECTS SURVEYS

PUBLIC RELATIONS

RT

MANAGEMENT MARKETING POLITICAL ASPECTS PUBLIC OPINIONS

PUFFER

BT

FISH MARINE FISH

PULP AND PAPER INDUSTRY

BT INDUSTRIES
RT FORESTRY
PULP WASTES

PULP WASTES

BT INDUSTRIAL WASTES

WASTES

RT CELLULOSE

CHEMICAL WASTES

PULP AND PAPER INDUSTRY

WATER POLLUTION

WATER POLLUTION SOURCES

Q

WATER POLLUTION SOURCES

QUALITY CONTROL

BT

CONTROL

NT

WATER QUALITY CONTROL

RT **INDICATORS**

PROCESSING

TESTS

RADIOACTIVITY

RT

GEOPHYSICS

ISOTOPES

NUCLEAR POWER PLANTS

RADIATION

RADIOACTIVE WASTES RADIOACTIVITY TECHNIQUES

RADIOISOTOPES

WATER QUALITY

R

RADIOACTIVITY TECHNIQUES

NT RT RADIOACTIVE DATING ANALYTICAL TECHNIQUES

RADIOACTIVITY **RADIOISOTOPES TAGGING**

TRACERS

RADAR

BT

INSTRUMENTATION

NAVIGATIONAL AIDS NAVIGATION

RT

RACHYCENTRON CANADUM

USE COBIA

REMOTE SENSING

SURVEYS

RADIATION

NT

RT

INFRARED RADIATION

SOLAR RADIATION

ULTRAVIOLET RADIATION

ENERGY

ENERGY TRANSFER HFAT

LIGHT

RADIOACTIVE WASTES

RADIOACTIVITY **RADIOISOTOPES**

TOXICITY **WAVELENGTHS WAVES**

X-RAYS

RADIOACTIVE DATING

UF BT AGE (GEOLOGICAL)

RT

RADIOACTIVITY TECHNIQUES **CARBON RADIOISOTOPES**

GEOCHEMISTRY GEOLOGIC TIME HISTORY

ISOTOPES PALEONTOLOGY RADIOISOTOPES

URANIUM RADIOISOTOPES

RADIOACTIVE ISOTOPES USE RADIOISOTOPES

RADIOACTIVE WASTES UF **NUCLEAR WASTES**

ВТ WASTES

RT

BIOACCUMULATION CARCINOGENS CHEMICAL WASTES

DISPOSAL

ISOTOPES

NUCLEAR POWER PLANTS

POLLUTANTS POLLUTION RADIATION RADIOACTIVITY **RADIOISOTOPES** SANITARY ENGINEERING SOIL CONTAMINATION

WATER POLLUTION

RADIOISOTOPES

RADIOACTIVE ISOTOPES UF

BT ISOTOPES

LEAD RADIOISOTOPES NT

URANIUM RADIOISOTOPES

RT RADIATION

RADIOACTIVE DATING

RADIOACTIVE WASTES RADIOACTIVITY

RADIOACTIVITY TECHNIQUES

TAGGING

TRACERS

RAINFALL

ACID RAIN CLIMATOLOGY

> CLOUDS **DROUGHTS FLOODS HURRICANES**

HYDROLOGIC CYCLE

HYDROLOGY

METEOROLOGICAL DATA

METEOROLOGY **PRECIPITATION** RAINFALL INTENSITY **RAINFALL-RUNOFF** RELATIONSHIPS

RUNOFF SOIL EROSION STORM RUNOFF

STORMS

WATER RESOURCES WATER SUPPLY

WEATHER

RAINFALL INTENSITY

PRECIPITATION INTENSITY UF RT

CLIMATIC DATA **FLOODS** METEOROLOGY

PRECIPITATION RAINFALL RUNOFF **STORMS**

RAINFALL-RUNOFF RELATIONSHIPS

RT

DISCHARGE **EROSION FLOODS** RAINFALL RUNOFF SOIL EROSION STORM RUNOFF

VEGETATION EFFECTS TOXINS WATER POLLUTION SOURCES **RAYS** BT **FISH** REDUCTION MARINE FISH CHEMICAL REDUCTION UF NT COWNOSE RAY RT HYDROGEN SULFIDE SHARKS OXIDATION RT **SKATES** REEFS RECOMMENDATIONS RT **ARTIFICIAL HABITATS** ADMINISTRATIVE DECISIONS CORAL RT **DECISION MAKING GEOLOGIC FORMATIONS** FEASIBILITY STUDIES **GEOMORPHOLOGY** PROJECT BENEFITS **HABITATS** SAND BARS SEDIMENTARY STRUCTURES RECREATION UF **OUTDOOR RECREATION SEDIMENTATION** NT **BOATING** SHOALS CRUISES DIVING **REGRESSION ANALYSIS SAILING ANALYSIS** SPORT FISHING MATHEMATICAL STUDIES SWIMMING **STATISTICS** RT HUNTING STATISTICAL MODELS RT LAND USE VARIABILITY **MARINAS** MARINE RESOURCES REGULATION MARINE RESOURCES ZONING NT DEVELOPMENT RT **ABATEMENT** NATURAL RESOURCES ADMINISTRATIVE DESICIONS **PARKS** COMPETITION RECREATION DEMAND CONTROL **RECREATION FACILITIES DECISION MAKING RECREATION WASTES** FISH MANAGEMENT JURISDICTION SAFETY **SCENERY LEASES SOCIAL ASPECTS LEGAL ASPECTS TOURISM LEGISLATION TRANSPORTATION MANAGEMENT USE RATES** MONITORING WATER RESOURCES DEVELOPMENT **PERMITS** WATER UTILIZATION POLLUTION ABATEMENT WATER POLLUTION CONTROL RECREATION DEMAND WATER QUALITY CONTROL MARINE RESOURCES DEVELOPMENT REMOTE SENSING RECREATION **AERIAL PHOTOGRAPHY** RT RECREATION FACILITIES **AIRCRAFT GEOPHYSICS** SOCIAL ASPECTS WATER DEMAND INFRARED RADIATION WATER RESOURCES DEVELOPMENT **MAPPING** METEOROLOGY **PHOTOGRAPHY RECREATION FACILITIES BEACHES** RADAR RT LAND DEVELOPMENT **SATELLITES MARINAS SPECTROSCOPY** NATIONAL SEASHORES SURVEYS **PARKS PUBLIC LANDS** REPRODUCTION RECREATION **ASEXUAL REPRODUCTION** NT FISH REPRODUCTION RECREATION DEMAND RESERVOIRS BEHAVIOR RT **BIRD EGGS RECREATION WASTES BREEDING** WASTES **EGGS** BT RECREATION **FECUNDITY** RT FISH BEHAVIOR WASTE DISPOSAL **FISH EGGS RED TIDE GENETICS GONADS** ALGAE RT **HATCHERIES DINOFLAGELLATES EUTROPHICATION** LIFE CYCLES **HUMAN DISEASES** LIFE HISTORY STUDIES MITOSIS PUBLIC HEALTH

NESTS DEVELOPMENT **PHYSIOLOGY** WATER RESOURCES DEVELOPMENT PLANT PHYSIOLOGY RT NATURAL RESOURCES **POLLEN** RESOURCE ALLOCATION POPULATION DYNAMICS RESOURCES **SEEDS** SOCIO-ECONOMICS SEXUAL MATURITY **SPAWNING** RESOURCES **SPOROGENESIS** SN Use of a more specific term recommended REPTILES NT LAND RESOURCES NT **SNAKES** MARINE RESOURCES **TURTLES** NATURAL RESOURCES WATER RESOURCES RESEARCH RT CONSERVATION **ANALYTICAL TECHNIQUES ECONOMICS** MODEL STUDIES MANPOWER PI ANNING MARINE RESOURCES **PROJECTS** DEVELOPMENT RESEARCH FACILITIES PERSONNEL **TESTS** RESOURCE ALLOCATION RESOURCE DEVELOPMENT RESEARCH AND DEVELOPMENT WATER RESOURCES DEVELOPMENT USE RESEARCH RESPIRATION RESEARCH FACILITIES **BIOCHEMICAL OXYGEN DEMAND** RT SN Use for universities, research institutions **CARBON CYCLE** and laboratories CIRCULATORY SYSTEM RT **EDUCATION METABOLISM** LABORATORY EQUIPMENT **OXYGEN** LABORATORY SOURCES **OXYGEN DEMAND** RESEARCH **PHYSIOLOGY** PLANT PHYSIOLOGY RESERVOIRS DAMS REVEGETATION RT FLOOD CONTROL RT COMMUNITY DEVELOPMENT **FRESHWATER** HABITAT IMPROVEMENT GROUNDWATER LAND MANAGEMENT **HYDRAULICS** MARSH MANAGEMENT **HYDROLOGY** MITIGATION **IMPOUNDMENTS** REVEGETATION PONDS VEGETATION RECREATION FACILITIES VEGETATION ESTABLISHMENT WATER LEVELS WATER MANAGEMENT **REVERSE OSMOSIS** WATER RESOURCES USE DESALINATION WATER STORAGE WATER SUPPLY RHINOPTERA BONASUS USE COWNOSE RAY RESISTANCE RIPARIAN RIGHTS DISEASE RESISTANCE NT **BREEDING BOUNDARIES** RT RT COMPETITION **BOUNDARY DISPUTES ENVIRONMENTAL EFFECTS COMPETING USES GENETICS LEASES** IMMUNITY **LEGAL ASPECTS** SALT TOLERANCE LEGISLATION STABILITY **NAVIGATION** OWNERSHIP OF BEDS STRENGTH **STRESS** WATER LAW SUCCESSION WATER UTILIZATION **TOLERANCE** RIVER BASINS RESOURCE ALLOCATION BT **BASINS ECONOMICS** WATERSHEDS RT MARINE RESOURCES FLOOD CONTROL RT HYDROLOGY DEVELOPMENT RUNOFF RESOURCE DEVELOPMENT STREAMFLOW RESOURCES WATER RESOURCES DEVELOPMENT RIVER BEDS RESOURCE DEVELOPMENT RT **CHANNELS** SEDIMENTS LAND DEVELOPMENT NT

MARINE RESOURCES

NESTING

RIVER FLOW

BT **STREAMFLOW** NT **LOW FLOW** RT **CURRENTS** DISCHARGE

ESTUARINE FLOW

FLOODS

FLOW CHARACTERISTICS FLOW MEASUREMENT

HYDRAULICS

HYDROLOGIC CYCLE

HYDROLOGY

RUNOFF

SEDIMENT TRANSPORT

RIVERS

See geographic index for specific rivers

ROAD CONSTRUCTION

CONSTRUCTION

RT HIGHWAY EFFECTS

ROADS

ROADS RT

BRIDGES

HIGHWAY EFFECTS ROAD CONSTRUCTION TRANSPORTATION **TUNNELS** URBANIZATION

ROCKS

GEOLOGIC FORMATIONS RT

GEOLOGY MINERALOGY MINERALS MINING PETROLOGY

SOILS **STRATIGRAPHY**

RODENTS

MAMMALS BT NT **BEAVERS MUSKRATS** RT

BURROWS

ROOT SYSTEMS

UF

ROOTS ABSORPTION RT

PLANT PHYSIOLOGY SOIL-WATER-PLANT RELATIONSHIPS

ROOTS

USE ROOT SYSTEMS

ROTIFERS

BT **INVERTEBRATES**

MICROORGANISMS PLANKTON ZOOPLANKTON

RUNOFF

NT RT STORM RUNOFF **AGRICULTURE CHEMICAL WASTES**

DISCHARGE DRAINAGE **EROSION** FLOOD CONTROL

FLOODS

HYDROLOGIC CYCLE

HYDROLOGY

LAND USE

NON POINT SOURCES

PRECIPITATION

RAINFALL

RAINFALL INTENSITY

RAINFALL-RUNOFF RELATIONSHIPS

RIVER BASINS

RIVER FLOW

SOIL CONSERVATION

SOIL EROSION

STORMS STREAMFLOW STREAMS

SURFACE WATERS SUSPENDED LOAD

SUSPENDED SEDIMENTS **VEGETATION EFFECTS** WATER CONSERVATION WATER MANAGEMENT

WATER POLLUTION SOURCES

WATERSHED MANAGEMENT

WATERSHEDS

RUPPIA MARITIMA

USE SEAGRASS

S

RESISTANCE SALINITY

SAFETY

BOATING

OCCUPATIONS PUBLIC HEALTH

RECREATION

SAILING

BOATING

CRUISES MARINAS **NAVIGATION** RECREATION

SALAMANDERS

BT **AMPHIBIANS**

SALINE WATER INTRUSION

AQUIFERS RT

DENSITY CURRENTS ESTUARINE FLOW

GROUNDWATER HYDROLOGIC CYCLE

SALINE WATER-FRESHWATER

INTERFACES SALINITY SALT MARSHES SALT PONDS TIDAL EFFECTS **TIDES**

SALINE WATER-FRESHWATER INTERFACES

RT **BOUNDARIES**

BRACKISH WATER DENSITY CURRENTS ESTUARINE FLOW

FRESHWATER

SALINE WATER INTRUSION

STRATIFICATION

SALINITY

BRACKISH WATER RT

DESALINATION **HYDROGRAPHY**

PHYSICAL PROPORTIES SALINE WATER INTRUSION

SALT TOLERANCE

SODIUM

WATER QUALITY

SALINITY TOLERANCE

USE SALT TOLERANCE

SALT MARSHES

UF MARSHES (SALTWATER)

BT WETLANDS

RT

FRESHWATER MARSHES

MARSH MANAGEMENT MARSH PLANTS

MUD FLATS

SALINE WATER INTRUSION

SALT PONDS

PONDS BT

SALINE WATER INTRUSION

SALT TOLERANCE

SALINITY TOLERANCE UF BT **TOLERANCE** MARSH PLANTS RT

OSMOREGULATION

SALVAGE

LAND RECLAMATION RT

SHIPWRECKS

SAMPLING RT

ANALYTICAL TECHNIQUES

CENSUS CORE DRILLING

CORES **CREEL CENSUS** DATA COLLECTIONS

DRILLING **EXPLORATION** MEASUREMENT

NETS **STATISTICS SURVEYS TAGGING**

TESTS VARIABILITY

SAND BARS

BT SEDIMENTARY STRUCTURES RT

BEACHES BERMS **DEPOSITION**

DUNES GEOMORPHOLOGY LITTORAL DRIFT REEFS

SAND SPITS **SANDS** SEDIMENTATION

SHOALS

SAND SPITS

SEDIMENTARY STRUCTURES BT RT **BEACHES**

BERMS DEPOSITION

DUNES GEOMORPHOLOGY LITTORAL DRIFT SAND BARS

SANDS SEDIMENTATION

SHOALS

SAND WAVES

RT

BT SEDIMENTARY STRUCTURES

WAVES BERMS CURRENTS DEPOSITION

> **DUNES SANDS**

SEDIMENT TRANSPORT

SEDIMENTATION

SANDS **BEACHES**

DUNES

GRAIN SIZE GRAVELS

NATURAL RESOURCES

SAND BARS SAND SPITS SAND WAVES SEDIMENT LOAD **SEDIMENTS**

SILICA

SOILS SUBSIDENCE **TIDAL EFFECTS** SANITARY ENGINEERING TIDES ENGINEERING RT **WATER LEVELS** DISPOSAL RT **EFFLUENTS** SEA NETTLES **ENVIRONMENTAL ENGINEERING CNIDARIA** RT INSECT CONTROL INVERTEBRATES **LANDFILLS JELLYFISH** PEST CONTROL **PLANKTON** POLLUTION ABATEMENT **SCYPHOZOA** RADIOACTIVE WASTES **PEST CONTROL** RT **SEWAGE TOXINS** SEWAGE DISPOSAL SEWAGE EFFLUENTS SEA TURTLES SEWAGE SLUDGE USE TURTLES SEWAGE TREATMENT **SEWERS** SEAFOOD INDUSTRY SLUDGE DISPOSAL INDUSTRIES BT WASTE DISPOSAL **CLAM INDUSTRY** NŢ WASTE WATER DISPOSAL **CRAB INDUSTRY** FINFISH INDUSTRY WASTE WATER TREATMENT OYSTER INDUSTRY WASTES SOFT-SHELL CRAB INDUSTRY WATER POLLUTION RT **AQUACULTURE** WATER TREATMENT **COMMERCIAL FISH COMMERCIAL FISHING** SATELLITES FISH RT **AERIAL PHOTOGRAPHY FISHERIES** MAPPING MARINE RESOURCES METEOROLOGY DEVELOPMENT **PHOTOGRAPHY PROCESSING** REMOTE SENSING SHELLFISH SCALLOPS SEAFOOD PROCESSING RT **BENTHIC FAUNA** USE PROCESSING **BIVALVES INVERTEBRATES** SEAGRASS **MOLLUSKS** Includes mixed communities of Ruppia SN SHELLFISH maritima and Zostera marina SUBMERGED AQUATIC VEGETATION UF SCENERY BT PLANTS CONSERVATION SUBMERGED PLANTS RT NATURAL RESOURCES NT **EEL GRASS** PARKS **AQUATIC WEEDS** RT **BENTHIC FLORA** RECREATION **TOURISM EPIPHYTES** SEAROBINS **SCUBA DIVING** DIVING FISH USE BT MARINE FISH SCUP SEASONAL DISTRIBUTION UF STENOTOMUS CHRYSOPS DISTRIBUTION BT FISH BT MARINE FISH RT **MIGRATION** SEASONAL VARIATIONS SCYPHOZOA SUMMER **CNIDARIA** TEMPORAL DISTRIBUTION BT **JELLYFISH** VERTICAL MIGRATION NT SEA NETTLES WINTER RT **PLANKTON** SEASONAL VARIATIONS SEA BASSES VARIABILITY 81 **GROUPERS** CLIMATOLOGY UF RT COMMUNITY STRUCTURE BT BASSES **FISH** SEASONAL DISTRIBUTION MARINE FISH SUMMER **TEMPORAL DISTRIBUTION** SEA LEVEL WINTER RT **BENCH MARKS** SECONDARY PRODUCTIVITY **ELEVATION GEOLOGY** BT **ECOLOGY** SHORELINE CHANGE **PRODUCTIVITY**

SUBMERGENCE

SILTS

RT **CARBON CYCLE** SHORELINE EROSION **FOOD CHAINS** SILTING **FOOD HABITS SOIL EROSION NUTRIENT CYCLES** STREAMFLOW **PREDATION** SUSPENDED LOAD PRIMARY PRODUCTIVITY SUSPENDED SEDIMENTS SUSPENSION SEDIMENT CONTROL TURBIDITY BT CONTROL TURBIDITY CURRENTS CHANNEL IMPROVEMENT RT **WAVES COASTAL STRUCTURES** DAMS SEDIMENT-WATER INTERFACES DREDGING **BENTHOS** RT **EROSION CONTROL BOTTOM WATER** SEDIMENT DISCHARGE **BOUNDARIES** SEDIMENT LOAD INTERSTITIAL WATER SEDIMENTATION MIXING SEDIMENTATION RATES SEDIMENT TRANSPORT **SEDIMENTS SEDIMENTS** SILTS SOIL CONSERVATION SEDIMENTARY PETROLOGY SUSPENDED SEDIMENTS BT **GEOLOGY PETROLOGY** SEDIMENT DISCHARGE DEPOSITION RT SEDIMENT CONTROL **GEOCHEMISTRY** RT SEDIMENT DISTRIBUTION SEDIMENTARY STRUCTURES SEDIMENT LOAD **SEDIMENTATION** SEDIMENT TRANSPORT SEDIMENTOLOGY **SEDIMENTS** STRATIGRAPHY SUSPENDED SEDIMENTS WEATHERING SEDIMENT DISTRIBUTION **SEDIMENTARY STRUCTURES** BT DISTRIBUTION NT SAND BARS **DISTRIBUTION PATTERNS** SAND SPITS RT SEDIMENT DISCHARGE SAND WAVES SEDIMENT TRANSPORT RT BARRIER ISLANDS SEDIMENTATION DEPOSITION SEDIMENTATION RATES **DUNES** SEDIMENTS **GEOLOGIC FORMATIONS GEOLOGY** SEDIMENT LOAD **MUD FLATS** RT CLAYS REFES SANDS SEDIMENTARY PETROLOGY SEDIMENT CONTROL **SEDIMENTATION** SEDIMENT DISCHARGE SEDIMENTOLOGY SEDIMENT TRANSPORT **SEDIMENTS** SEDIMENTATION RATES **SHOALS** SEDIMENTS STRATIGRAPHY SETTLING VELOCITY SUSPENDED LOAD SEDIMENTATION SUSPENDED SEDIMENTS NT **DIAGENESIS ACCRETION TURBIDITY** RT **DEPOSITION FLOCCULATION** SEDIMENT TRANSPORT **TRANSPORT** FLOOD PLAINS BT **GEOLOGY** RT **BEACH EROSION** CHANNELING **HYDRAULICS HYDROGEOLOGY CURRENTS** DEPOSITION **PRECIPITATION DYNAMICS** REEFS **ENERGY TRANSFER** SAND BARS **EROSION** SAND SPITS HYDROGEOLOGY SAND WAVES SEDIMENT CONTROL LITTORAL DRIFT **RIVER FLOW** SEDIMENT DISTRIBUTION SAND WAVES SEDIMENT TRANSPORT SEDIMENTARY PETROLOGY SEDIMENT DISCHARGE

SEDIMENTARY STRUCTURES

SEDIMENTATION RATES

SEDIMENTOLOGY SEDIMENTS

SII TING

SETTLING VELOCITY

SEWAGE TREATMENT

70

SEDIMENT DISTRIBUTION SEDIMENT LOAD

SEDIMENTATION RATES SEDIMENTOLOGY

SEDIMENTATION

SHOALS

SEDIMENT-WATER INTERFACES

NETS WATER TREATMENT SEISMIC STUDIES SEDIMENTATION RATES **GEOPHYSICS** BT **ACCRETION** RT RT **EARTHQUAKES** DEPOSITION **EXPLOSIONS GRAIN SIZE** GEOLOGIC INVESTIGATIONS SEDIMENT CONTROL **GEOLOGY** SEDIMENT DISTRIBUTION SOUND WAVES SEDIMENT LOAD SOUNDING SEDIMENT TRANSPORT SEDIMENTATION SETTLING VELOCITY SEDIMENTOLOGY VELOCITY BT SETTLING VELOCITY RT **DEPOSITION GRAIN SIZE** SEDIMENTOLOGY SEDIMENT LOAD **GEOLOGY** BT SEDIMENTATION RT DEPOSITION **SEDIMENTATION RATES** DIAGENESIS SEDIMENTOLOGY GEOLOGIC INVESTIGATIONS GEOMORPHOLOGY SEWAGE MINERALOGY WASTES BT **PALEONTOLOGY** NT SEWAGE SLUDGE CHEMICAL WASTES PETROLOGY RT SEDIMENT TRANSPORT **DETERGENTS** SEDIMENTARY PETROLOGY **EFFLUENTS** SEDIMENTARY STRUCTURES INDUSTRIAL WASTES SEDIMENTATION MUNICIPAL WASTES ORGANIC WASTES SEDIMENTATION RATES SEDIMENTS **POLLUTION** SETTLING VELOCITY SANITARY ENGINEERING SEWAGE BACTERIA SEWAGE DISPOSAL **SEDIMENTS** SUSPENDED SEDIMENTS NT **SEWAGE EFFLUENTS** RT **BENTHOS** SEWAGE SLUDGE **BIOTURBATION** SEWAGE TREATMENT COLLOIDS **SEWERS** CONSOLIDATION SLUDGE DISPOSAL CORES WASTE WATER CLAYS WATER POLLUTION DEPOSITION WATER POLLUTION SOURCES **DETRITUS** WATER TREATMENT DREDGING **GEOLOGY SEWAGE BACTERIA GRAIN SIZE BACTERIA** BT GRAVELS **MICROORGANISMS** MUD RT COLIFORMS MUD FLATS E.COLI PETROLOGY **PATHOGENIC BACTERIA** RIVER BEDS PUBLIC HEALTH SANDS SEWAGE SEDIMENT CONTROL SEWAGE TREATMENT SEDIMENT DISCHARGE WATER POLLUTION SOURCES SEDIMENT DISTRIBUTION SEDIMENT LOAD SEWAGE DISPOSAL SEDIMENT-WATER INTERFACES DISPOSAL BT SEDIMENTARY STRUCTURES WASTE DISPOSAL **SEDIMENTATION** RT **EFFLUENTS** SEDIMENTOLOGY EUTROPHICATION SILTS **INDUSTRIAL WASTES** SOILS **OCEAN DUMPING** SUSPENDED LOAD **POLLUTION** SANITARY ENGINEERING SEEDS SEWAGE **GROWTH STAGES SEWAGE EFFLUENTS** RT RT **GERMINATION SEWAGE SLUDGE PLANTS** SEWAGE TREATMENT SEWERS REPRODUCTION **VEGETATION** SLUDGE DISPOSAL **SOLID WASTES** SEINING **WASTE WATER DISPOSAL** FISHING GEAR RT WASTES

STRATIGRAPHY

	WATER POLLUTION		GONADS
SEWAGE EFFLUEN	тэ		LIFE HISTORY STUDIES REPRODUCTION
BT	EFFLUENTS		TIET TIESCOTTON
RT	DISPOSAL	SHAD	
	EUTROPHICATION	UF	ALOSA MEDIOCRIS
	INDUSTRIAL WASTES	BT	ALOSIDS
	MUNICIPAL WASTES		ANADROMOUS FISH
	POLLUTION		FISH
	SANITARY ENGINEERING		HERRINGS
	SEWAGE	NT	AMERICAN SHAD
	SEWAGE DISPOSAL		
	SEWAGE TREATMENT	SHARKS	
	WASTE DISPOSAL	BT	FISH
	WASTE WATER		MARINE FISH
	WASTE WATER DISPOSAL	RT	RAYS
	WASTES		SKATES
	WATER POLLUTION		
	WATER POLLUTION SOURCES	SHEAR STRENGTH	
	•	BT	STRENGTH
SEWAGE SLUDGE		RT	PHYSICAL PROPERTIES
BT	SEWAGE		SHEAR STRESS
	WASTES		STRESS
RT	BIODEGRADATION		
	INDUSTRIAL WASTES	SHEAR STRESS	
	MUNICIPAL WASTES	ВТ	STRESS
	OCEAN DUMPING	RT	PHYSICAL PROPERTIES
	ORGANIC WASTES		SHEAR STRENGTH
	POLLUTION		STRESS ANALYSIS
	SANITARY ENGINEERING		
	SEWAGE	SHELLFISH	
	SEWAGE DISPOSAL	BT	BIVALVES
	SLUDGE DISPOSAL		INVERTEBRATES
			MOLLUSKS
EWAGE TREATME	NT	NT	CLAMS
BT	WASTE TREATMENT		HARD CLAM
RT	AERATION		MUSSELS
	BIODEGRADATION		OYSTERS
	CHLORINATION		SCALLOPS
	CULTURES		SOFT CLAM
	FILTRATION		SURF CLAM
	FLOCCULATION	RT	AQUACULTURE
	INDUSTRIAL WASTES		CLAM INDUSTRY
	OXIDATION		MARICULTURE
	SANITARY ENGINEERING		OYSTER INDUSTRY
	SEDIMENTATION		SEAFOOD INDUSTRY
	SEWAGE	•	SHELLS
	SEWAGE BACTERIA		
	SEWAGE DISPOSAL	SHELLS	
	SEWAGE EFFLUENTS	RT	BIVALVES
	SEWERS		CHITIN
	SLUDGE DISPOSAL		CULTCH
	TREATMENT FACILITIES		GASTROPODS
	UTILITIES		MOLLUSKS
	WASTE WATER TREATMENT		SHELLFISH
	WASTES		
	WATER POLLUTION CONTROL	SHIPPING	
		RT	COMMERCE
EWERS			HARBORS
RT	DISPOSAL		MARITIME DEVELOPMENT
	MUNICIPAL WASTES		PORTS
	SANITARY ENGINEERING		SHIPS
	SEWAGE		TRANSPORTATION
	SEWAGE DISPOSAL		THANSFORTATION
	SEWAGE TREATMENT	SHIPS	
	URBANIZATION	RT	BOAT BUILDING
	UTILITIES	nı .	
	WASTE DISPOSAL		BOATS HARBORS
	WASTES WASTES		
	MAGIES		MILITARY ASPECTS
EVIIAI MATURITY	•		NAVIGATION
EXUAL MATURITY	ODOMEN STACES		SHIPPING
BT	GROWTH STAGES		SHIPWRECKS
RT	FISH REPRODUCTION		TRANSPORTATION

SHIPWRECKS **TIDAL EFFECTS ARCHAEOLOGY** RT WEATHERING **HISTORY** SALVAGE SHORELINE STABILITY SHIPS **EROSION** RT **EROSION CONTROL** SHOALS GEOMORPHOLOGY **GEOMORPHOLOGY** SHORELINE COVER REEFS SHORELINE EROSION SAND BARS SAND SPITS **SHORES** SEDIMENT TRANSPORT **SHORELINES** UF SEDIMENTARY STRUCTURES RT **BEACHES** COASTAL STRUCTURES SHORE BIRDS **COASTAL ZONE WATER BIRDS** UF **MUDFLATS** BT **BIRDS** NATIONAL SEASHORES **GULLS** NT SHORE PROTECTION **OSPREYS** SHORELINE CHANGE WATERFOWL SHORELINE COVER SHORELINE EROSION SHORE PROTECTION RT **BEACH EROSION** SHRIMP **BREAKWATERS CRUSTACEANS** BT **BULKHEADS INVERTEBRATES COASTAL ENGINEERING** COASTAL STRUCTURES SILICA DIKES TRACE ELEMENTS BT **DUNES DIATOMACEOUS EARTH** RT **EROSION** DIATOMS **EROSION CONTROL** SANDS **JETTIES SILICATES** SHORELINE COVER SHORES SILICATES **VEGETATION EFFECTS** INORGANIC COMPOUNDS BT **WAVES MINERALS CLAY MINERALS** NT SHORELINE CHANGE RT **CLAYS** ACCRETION **MINERALOGY** RT **BEACH EROSION SILICA EROSION GEOLOGY** SILTING GEOMORPHOLOGY RT SEDIMENT TRANSPORT **HYDROGEOLOGY SEDIMENTATION** MAPPING SILTS SEA LEVEL SILTS SHORELINE EROSION SHORES RT **GRAIN SIZE** SUBMERGENCE MUD WEATHERING SANDS SEDIMENT CONTROL SEDIMENTS SHORELINE COVER **EROSION** RT SILTING **EROSION CONTROL SOILS** MARSH MANAGEMENT MARSH PLANTS SILVERSIDES ATLANTIC SILVERSIDES SHORE PROTECTION UF SHORELINE STABILITY **MENIDIA MENIDIA SHORES** BT FISH **VEGETATION** MARINE FISH **VEGETATION EFFECTS MINNOWS** RT **VEGETATION ESTABLISHMENT** SIZE SHORELINE EROSION PHYSICAL PROPERTIES RT **EROSION GRAIN SIZE** BT NT RT **BEACH EROSION** RT **GROWTH RATES LENGTH GEOLOGY** MASS **GEOMORPHOLOGY** WEIGHT **HURRICANES** HYDROGEOLOGY **SKATES** SEDIMENT TRANSPORT FISH BT SHORELINE CHANGE MARINE FISH SHORELINE STABILITY RT RAYS SHORES

	SHARKS	SOF	T-SHELL CRAB	
CKELETON			BT	CRAB INDUSTRY
SKELETON RT	ANATOMY			INDUSTRIES
n i	OSTEOLOGY		DT	SEAFOOD INDUSTRY
	OTOLITHS		RT	AQUACULTURE
	OTOLITAS			BLUE CRAB FISHERIES
SLUDGE DISPOSAL				MARICULTURE
BT	DISPOSAL			MOLTING
.	WASTE DISPOSAL			MOLTING
RT	CHLORINATION	SOIL	ANALYSIS	
***	DEGRADATION	00.2	BT	ANALYSIS
	INCINERATION		RT	BIOINDICATORS
	MUNICIPAL WASTES		•••	GEOCHEMISTRY
	OCEAN DUMPING			GRAIN SIZE
	POLLUTION			NUTRIENTS
	SANITARY ENGINEERING			SOIL CHEMISTRY
	SEWAGE			TESTS
	SEWAGE DISPOSAL			
	SEWAGE SLUDGE	SOIL	CHEMISTRY	
	SEWAGE TREATMENT		BT	GEOCHEMISTRY
	WATER POLLUTION		RT	GEOLOGY
	WASTE TREATMENT			SOIL ANALYSIS
				SOILS
SNAILS	DEACTING EALING			•
BT	BENTHIC FAUNA	SOIL	CONSERVATIO	
•	GASTROPODS		BT	CONSERVATION
	INVERTEBRATES MOLLUSKS		RT	AGRICULTURE
NT	OYSTER DRILLS			CROPS CULTIVATION
INI	OTSTER DRILLS			DRAINAGE
SNAKES				EROSION CONTROL
BT	REPTILES			FOREST MANAGEMENT
_,				LAND DEVELOPMENT
SOCIAL ASPECTS				LAND MANAGEMENT
RT	BEHAVIOR			LAND RECLAMATION
	ECONOMICS			RUNOFF
	EDUCATION			SEDIMENT CONTROL
	MANAGEMENT			SOIL EROSION
	POLICY			SOIL-WATER-PLANT
	POPULATION			RELATIONSHIPS
	PUBLIC HEALTH			SOILS
	PUBLIC OPINIONS			VEGETATION EFFECTS
	RECREATION			VEGETATION ESTABLISHMENT
	RECREATION DEMAND			WATER CONSERVATION
	SOCIO-ECONOMICS URBANIZATION	0011	CONTAMINATION	ON
	WATER RESOURCES DEVELOPMENT		RT	INDUSTRIAL WASTES
	WATER RESOURCES DEVELOPMENT		NI .	LAND RECLAMATION
SOCIO-ECONOMICS				LAND RESOURCES
BT	ECONOMICS			PESTICIDES
RT	EMPLOYMENT			POLLUTANT IDENTIFICATION
•••	LABOR			PUBLIC HEALTH
	MANPOWER			RADIOACTIVE WASTES
	MARINE RESOURCES			
	DEVELOPMENT	SOIL	EROSION	
	RESOURCE DEVELOPMENT		BT	EROSION
	SOCIAL ASPECTS		RT	AGRICULTURE
	TOURISM			BEACH EROSION
	WATER RESOURCES DEVELOPMENT			EROSION CONTROL
				FLOODS
SODIUM				RAINFALL
BT	METALS			RAINFALL-RUNOFF RELATIONSHIPS
RT	SALINITY			RUNOFF
				SEDIMENT TRANSPORT
SOFT CLAM	DIVALVES			SOIL CONSERVATION SOILS
BT	BIVALVES CLAMS			STORM RUNOFF
	INVERTEBRATES			URBANIZATION
	MOLLUSKS			VEGETATION EFFECTS
	SHELLFISH			VEGETATION ESTABLISHMENT
DT.	CLAM INDUSTRY			
RT				

SOIL-WATER-PLANT RELATIONSHIPS BATHYMETRY DRAINAGE DEEP WATER **PLANT PHYSIOLOGY EXPLORATION PLANTS HYDROGRAPHY ROOT SYSTEMS** MEASUREMENT SOIL CONSERVATION NAVIGATIONAL AIDS **VEGETATION EFFECTS** SEISMIC STUDIES WATER CONSERVATION SONIC GEAR SOUND WAVES SOILS SURVEYS **NATURAL RESOURCES** BT **AGRICULTURE** SPAT **CLAYS** HE OYSTER SPAT DIATOMACEOUS EARTH JUVENILE GROWTH STAGE BT **GRAIN SIZE BEDS UNDER WATER** RT **GRAVELS** CULTCH MUD **OYSTER SETTING ROCKS OYSTERS SANDS** SEDIMENTS SPATIAL DISTRIBUTION SII TS DISTRIBUTION BT **SOIL CHEMISTRY** RT DISTRIBUTION PATTERNS SOIL CONSERVATION **ECOLOGICAL DISTRIBUTION SOIL EROSION** STRATIGRAPHY **SPAWNING ANADROMOUS FISH** RT SOLAR ENERGY **BEHAVIOR** USE SOLAR RADIATION BREEDING **FGGS** SOLAR RADIATION **FECUNDITY SOLAR ENERGY** UF **FISH BEHAVIOR** BT RADIATION **FISH EGGS** RT **ENERGY** FISH MIGRATION INFRARED RADIATION FISH REPRODUCTION LIGHT **GONADS** LIGHT ATTENUATION **HATCHERIES** LIGHT INTENSITY LIFE CYCLES LIGHT PENETRATION **NURSERY GROUNDS ULTRAVIOLET RADIATION** OYSTER SETTING REPRODUCTION **SOLID WASTES** WASTES BT SPECIATION RT BIODEGRADATION RT **BREEDING** INCINERATION DIVERSIFICATION **LANDFILLS EVOLUTION OCEAN DUMPING GENETICS ORGANIC WASTES NEW SPECIES POLLUTION PHYLOGENY** SEWAGE SLUDGE **SYSTEMATICS** WASTE DISPOSAL TAXONOMY WATER POLLUTION **SPECIES SONIC GEAR COMMUNITY STRUCTURE** RT **EQUIPMENT ECOLOGY** BT **ACOUSTICS** IDENTIFICATION SOUND WAVES **KFYS** SOUNDING **NEW SPECIES SYSTEMATICS** SORPTION TAXONOMY **ABSORPTION** NT SPECTROMETERS **ADSORPTION** CHROMATOGRAPHY **EQUIPMENT** BT INSTRUMENTATION SOUND WAVES LABORATORY EQUIPMENT RT BT **WAVES** MASS SPECTROMETRY RT **ACOUSTICS** SPECTROPHOTOMETRY ANIMAL SOUNDS **SPECTROSCOPY SEISMIC STUDIES** SONIC GEAR SPECTROPHOTOMETRY SOUNDING ANALYTICAL TECHNIQUES BT **WAVELENGTHS** RT **CHEMICAL ANALYSIS CHROMATOGRAPHY FLUORESCENCE** SOUNDING RT **ACOUSTICS SPECTROMETERS**

SPECTROSCOPY BT **INVERTEBRATES MOLLUSKS SPECTROSCOPY ANALYTICAL TECHNIQUES** BT STABILITY RT CHEMICAL ANALYSIS RT DEGRADATION **FLUORESCENCE EROSION** REMOTE SENSING PHYSICAL PROPERTIES **SPECTROMETERS** RESISTANCE SPECTROPHOTOMETRY STRENGTH **SPILLS** STARCH SN Includes spills other than oil spills CARBOHYDRATES BT OIL SPILLS NT ORGANIC COMPOUNDS **POLLUTANTS** RT POLLUTION STATE GOVERNMENTS SURFACE FILMS **ADMINISTRATIVE AGENCIES** RT WATER POLLUTION **AGENCIES** LEGAL ASPECTS SPOIL DISPOSAL LEGISLATION BT DISPOSAL **PERMITS** WASTE DISPOSAL POLITICAL ASPECTS RT **ARTIFICIAL HABITATS** STATE JURISDICTION DREDGE SPOIL TAXES DREDGING OCEAN DUMPING STATE JURISDICTION **VEGETATION ESTABLISHMENT** BT **JURISDICTION** RT **BOUNDARY DISPUTES SPONGES LEGAL ASPECTS** USF **PORIFERA** POLITICAL ASPECTS STATE GOVERNMENTS **SPORES** SN Includes vegetative spores and STATISTICAL MODELS MATHEMATICAL MODELS zoospores BT RT **ASEXUAL REPRODUCTION** MODEL STUDIES **BACTERIA** RT **COMPUTER MODELS FERNS** REGRESSION ANALYSIS **FUNGI** STATISTICS GERMINATION STOCHASTIC PROCESSES **POLLEN SPOROGENESIS STATISTICS** TIME SERIES ANALYSIS NT **SPOROGENESIS** RT **ANALYSIS** REPRODUCTION RT **CENSUS SPORES COMPUTER PROGRAMS CREEL CENSUS** SPORT FISH **DATA COLLECTIONS** FISH RT DATA PROCESSING SPORT FISHING **LANDINGS LENGTH-FREQUENCY** SPORT FISHING DISTRIBUTION BT RECREATION MATHEMATICAL STUDIES RT **ARTIFICIAL HABITATS MEASUREMENT CREEL CENSUS** METHODOLOGY REGRESSION ANALYSIS FISH **FISHERIES SAMPLING FISHING GEAR** STATISTICAL MODELS **PERMITS** SPORT FISH STEAM RT **HEATED WATER** SPOT HYDROELECTRIC POWER PLANTS UF LEIOSTOMUS XANTHURUS STEAM TURBINES THERMAL POLLUTION BT DRUMS **FISH** MARINE FISH STEAM TURBINES **POWER PLANTS** RT SPOTTED SEATROUT **STEAM** UF CYNOSCION NEBULOSUS BT DRUMS STENOTOMUS CHRYSOPS SCUP FISH USF MARINE FISH **STICKLEBACKS** SQUID FISH BT HE FRESHWATER FISH **LOLIGO PEALEI**

STOCHASTIC PROCESSES **PETROLOGY** RANDOM PROCESSES LIF **PROFILES** RT MODEL STUDIES ROCKS STATISTICAL MODELS SEDIMENTARY PETROLOGY TIME SERIES ANALYSIS SEDIMENTARY STRUCTURES SEDIMENTATION STORM RUNOFF SOILS BT **RUNOFF** STRATIFICATION RT DRAINAGE EROSION STREAM GAGES **FLOODS EQUIPMENT HURRICANES** INSTRUMENTATION RAINFALL CURRENT METERS RT **RAINFALL-RUNOFF RELATIONSHIPS** DISCHARGE SOIL EROSION DISCHARGE MEASUREMENT **STORMS** FLOW MEASUREMENT WATERSHEDS **GAGING STATIONS MEASUREMENT** STORM SURGE **STREAMFLOW** RT **EROSION** STREAMS **FLOODS** VELOCITY **HURRICANES** WATER LEVEL **STORMS WAVES** STREAMFLOW WIND TIDES **LOW FLOW** NT WINDS **RIVER FLOW** RT **CURRENTS STORMS** DISCHARGE **HURRICANES FLOODS** NT **BEACH EROSION** FLOW CHARACTERISTICS RT CLIMATOLOGY FLOW MEASUREMENT **CLOUDS HYDRAULICS EROSION HYDRODYNAMICS** FLOODS HYDROLOGIC CYCLE ICE **HYDROLOGY METEOROLOGY RIVER BASINS PRECIPITATION** RUNOFF **RAINFALL** SEDIMENT TRANSPORT RAINFALL INTENSITY STREAM GAGES RUNOFF **STREAMS** STORM RUNOFF WATERSHEDS STORM SURGE TURBULENCE STREAMS **WEATHER** RT **CHANNELS** WIND VELOCITY **CURRENTS WINDS** DRAINAGE **FRESHWATER STRATIFICATION HYDROGEOLOGY** UF **DENSITY STRATIFICATION** RUNOFF THERMAL STRATIFICATION STREAM GAGES RT **BOUNDARIES STREAMFLOW** DENSITY SURFACE WATERS DENSITY CURRENTS WATER RESOURCES DESTRATIFICATION **ENVIRONMENTAL GRADIENT STRENGTH ESTUARINE FLOW** PHYSICAL PROPERTIES вт INTERNAL WAVES SHEAR STRENGTH NT PHYSICAL PROPERTIES RT RESISTANCE **PROFILES STABILITY** SALINE WATER-FRESHWATER **STRESS INTERFACES** STRATIGRAPHY **STRESS** THERMOCLINE **SHEAR STRESS** NT WATER CIRCULATION THERMAL STRESS RT **DROUGHTS STRATIGRAPHY** RESISTANCE **CORES** SHEAR STRENGTH RT **GEOLOGIC FORMATIONS STRENGTH** GEOLOGIC INVESTIGATIONS STRESS ANALYSIS **GEOLOGIC TIME TOLERANCE GEOLOGY** HYDROGEOLOGY STRESS ANALYSIS **PALEOCLIMATOLOGY ANALYSIS** BT

PALEONTOLOGY

RT **ANALYTICAL TECHNIQUES** POPULATION SHEAR STRESS RESISTANCE **STRESS** VEGETATION STRUCTURAL ANALYSIS **SUCKERS FISH** STRIP MINES BT RT COAL FRESHWATER FISH MINE WASTES MINING SULFIDES INORGANIC COMPOUNDS BT STRIPED BASS SULFUR COMPOUNDS MORONE SAXATILIS ANADROMOUS FISH HYDROGEN SULFIDE NT UF **SULFUR** BT RT **BASSES** FISH SULFUR **SULFIDES** RT SULFUR COMPOUNDS STRUCTURAL ANALYSIS **ANALYSIS** BT SULFUR COMPOUNDS RT **ENGINEERING** INORGANIC COMPOUNDS BT STRESS ANALYSIS COPPER SULFATE NT HYDROGEN SULFIDE **STURGEONS SULFIDES** ANADROMOUS FISH BT **SULFUR** RT FISH SUMMER SUBMARINE CANYONS SEASONAL DISTRIBUTION RT CANYONS UF SEASONAL VARIATIONS CONTINENTAL SHELF RT WINTER CONTINENTAL SLOPE **DEEP WATER** SUNFISHES **DEEP-WATER HABITATS FISH** FRESHWATER FISH SUBMERGED AQUATIC VEGETATION NT BLUEGILL **EEL GRASS** USE **SEAGRASS** SURF CLAM SUBMERGED PLANTS BT **BENTHIC FAUNA** CLAMS **SUBMERGED PLANTS MOLLUSKS** SUBMERGED AQUATIC VEGETATION UF SHELLFISH BT **PLANTS** RT **CLAM INDUSTRY** AQUATIC WEEDS NT **EEL GRASS** SURFACE FILMS **SEAGRASS** OIL POLLUTION RT AQUATIC WEED CONTROL RT **OIL SPILLS** ALGAE SPILLS BENTHIC FLORA MARSH PLANTS **SURFACE WATERS** RT **AIR-WATER INTERFACES** SUBMERGENCE DRAINAGE RT **FLOODS** HYDROLOGIC CYCLE **SEA LEVEL HYDROLOGY** SHORELINE CHANGE RUNOFF SUBSIDENCE **STREAMS** SUBSIDENCE SURVEYS LAND SUBSIDENCE UF **AERIAL PHOTOGRAPHY** RT RT CONSOLIDATION AIRCRAFT **DEPOSITION BATHYMETRY ELEVATION BENCH MARKS** GEOMORPHOLOGY **CENSUS GROUNDWATER CREEL CENSUS** SEA LEVEL **CRUISES** SUBMERGENCE DATA COLLECTIONS DRILLING SUCCESSION **ELEVATION** COMMUNITY DEVELOPMENT RT **EXPLORATION** COMMUNITY STRUCTURE **GEOLOGIC INVESTIGATIONS** COMPETITION MAPPING **ECOLOGICAL DISTRIBUTION** MAPS **ECOLOGY MEASUREMENT ECOSYSTEMS** MONITORING **ENVIRONMENTAL GRADIENT PHOTOGRAPHY**

PROFILES

HABITATS

PLANTS

PUBLIC OPINIONS

RADAR

REMOTE SENSING **SAMPLING** SOUNDING **TOPOGRAPHY** ZONING

SYSTEMATICS RT

CLASSIFICATION FISH TAXONOMY IDENTIFICATION **KEYS NEW GENERA NEW SPECIES PHYLOGENY SPECIATION**

SPECIES

TAXONOMY

SUSPENDED LOAD

RT

DETRITUS

EROSION

LIGHT ATTENUATION LIGHT PENETRATION

RUNOFF

SEDIMENT LOAD

SEDIMENTS

SUSPENDED SEDIMENTS

SEDIMENT TRANSPORT SUSPENSION

TURBIDITY

SUSPENDED SEDIMENTS

BT RT

SEDIMENTS **CLAYS**

COLLOIDS DETRITUS DREDGING

EROSION FLOCCULATION GEOLOGY

LIGHT ATTENUATION
LIGHT PENETRATION

RUNOFF SEDIMENT CONTROL SEDIMENT DISCHARGE

SEDIMENT LOAD SEDIMENT TRANSPORT

SEDIMENTS SUSPENDED LOAD SUSPENSION TURBIDITY

SUSPENSION

RT

DISPERSION

MIXING

SEDIMENT TRANSPORT SETTLING VELOCITY SUSPENDED LOAD SUSPENDED SEDIMENTS

TURBIDITY

SWAMPS

BT RT **WETLANDS**

FRESHWATER

FRESHWATER MARSHES LAND RECLAMATION

TREES

SWANS

BT **BIRDS**

WATERFOWL

DUCKS RT

GEESE

SWIMMING

BT

RECREATION

DIVING

FISH MIGRATION MOVEMENT

SYMBIOSIS

RT

ECOLOGY

LICHENS

PARASITISM

T

TEMPERATURE THERMAL POLLUTION

TAGGING

BT **ANALYTICAL TECHNIQUES**

RT

BEHAVIOR DYE RELEASES FISH MIGRATION IDENTIFICATION **INDICATORS RADIOISOTOPES** SAMPLING **TRACERS**

TAXES

COSTS **ECONOMICS**

FEDERAL GOVERNMENT

INCOME

LEGAL ASPECTS LOCAL GOVERNMENTS STATE GOVERNMENTS

TAXONOMY

RT

EVOLUTION IDENTIFICATION KEYS NEW GENERA NEW SPECIES PHYLOGENY **SPECIATION SPECIES** SYSTEMATICS

CLASSIFICATION

TBT

TRIBUTYLTIN

ANTIFOULING MATERIALS BT AROMATIC COMPOUNDS

ORGANIC COMPOUNDS

FOULING RT

TOXIC SUBSTANCES

TELLINA

BIVALVES BT

INVERTEBRATES MOLLUSKS

TEMPERATURE

NT RT WATER TEMPERATURE

ACCLIMATION

ATMOSPHERIC MEASUREMENT CLIMATIC DATA

CLIMATOLOGY HEAT HEATED WATER

ICF

METEOROLOGICAL DATA

METEOROLOGY PHYSICAL PROPERTIES TEMPERATURE CONTROL THERMAL POLLUTION THERMAL STRESS THERMOCLINE

THERMODYNAMICS THERMOMETERS

TEMPERATURE CONTROL

BT

CONTROL **COOLING WATER**

HEAT

HEATED WATER

TEMPORAL DISTRIBUTION

DISTRIBUTION BT

DIURNAL DISTRIBUTION RT

ECOLOGICAL DISTRIBUTION

MIGRATION

SEASONAL DISTRIBUTION SEASONAL VARIATIONS **VERTICAL MIGRATION**

TERTIARY PERIOD

BT

CENOZOIC ERA GEOLOGIC TIME

TESTS

LABORATORY TESTS LIF

NT TOXICITY RT **ANALYSIS**

ANALYTICAL TECHNIQUES

ASSAY

BIOASSAY

HYDRAULIC MODELS LABORATORY EQUIPMENT MEASUREMENT

MODEL STUDIES QUALITY CONTROL RESEARCH SAMPLING SOIL ANALYSIS WATER ANALYSIS WATER CHEMISTRY

THERMAL POLLUTION

BT RT **POLLUTION COOLING WATER**

EFFLUENTS

ENVIRONMENTAL IMPACTS

HEAT

HEATED WATER

HYDROELECTRIC POWER PLANTS

NUCLEAR POWER PLANTS POLLUTANTS

POLLUTION ABATEMENT

POWER PLANTS

STEAM

TEMPERATURE

TEMPERATURE CONTROL THERMAL STRESS WATER POLLUTION WATER TEMPERATURE

THERMAL STRATIFICATION USE STRATIFICATION

THERMAL STRESS

BT RT **STRESS**

HEAT **HEATED WATER**

TEMPERATURE THERMAL POLLUTION WATER TEMPERATURE

THERMAL WATER

HEATED WATER

THERMOCLINE

RT

BOUNDARIES

ENVIRONMENTAL GRADIENT

STRATIFICATION **TEMPERATURE** WATER TEMPERATURE **THERMODYNAMICS** TOXICITY **ENERGY** RT **ENERGY BUDGET TOPOGRAPHY ENERGY TRANSFER CHARTS** RT **COASTAL PLAINS** HEAT PHYSICOCHEMICAL PROPERTIES CONTINENTAL MARGIN **TEMPERATURE ELEVATION GEOMORPHOLOGY THERMOMETERS** LAND USE MAPPING **EQUIPMENT** RT INSTRUMENTATION **MAPS** RT **SURVEYS** LABORATORY EQUIPMENT MEASUREMENT TOURISM **TEMPERATURE** RT INCOME WATER TEMPERATURE **NATIONAL SEASHORES PARKS** RECREATION **TIDAL EFFECTS BEACH EROSION SCENERY** RT **CHANNELS** SOCIO-ECONOMICS DESTRATIFICATION **TOXIC SUBSTANCES ENVIRONMENTAL EFFECTS ESTUARINE FLOW** HAZARDOUS MATERIALS **FLOW CHARACTERISTICS** RT **ALGICIDES** ANTIFOULING MATERIALS **MIXING** SALINE WATER INTRUSION AQUATIC WEED CONTROL AROMATIC COMPOUNDS **SEA LEVEL** SHORELINE EROSION ARSENIC COMPOUNDS **AVICIDES TIDES** WATER LEVEL BIOACCUMULATION CARCINOGENS **TIDAL ENERGY** CHEMICAL WASTES **ENERGY** CHLORINATED HYDROCARBON BT HYDROELECTRIC POWER **PESTICIDES** RT DDT **POWER PLANTS HEAVY METALS TIDES HERBICIDES KEPONE TIDES** WIND TIDES **LETHAL LIMIT CURRENTS METALS** RT **ESTUARINE FLOW** MORTALITY SALINE WATER INTRUSION **PCB PESTICIDES** SEA LEVEL TIDAL EFFECTS **POLLUTANTS TIDAL ENERGY POLLUTION** WAVES POLYNUCLEAR AROMATIC **HYDROCARBONS PUBLIC HEALTH** TIME SERIES ANALYSIS **ANALYSIS** TBT BT TOXICITY MATHEMATICAL STUDIES WATER POLLUTION **STATISTICS** DATA COLLECTIONS RT TOXICITY STOCHASTIC PROCESSES BT **TESTS** TIN RT BIOACCUMULATION BIOASSAY **HEAVY METALS** BT **LETHAL LIMIT METALS TBT MORTALITY** RT **PATHOLOGY PESTICIDES TOADFISH PUBLIC HEALTH OPSANUS TAO** BT RADIATION MARINE FISH **TOLERANCE TOXIC SUBSTANCES** TOXINS **TOLERANCE** WATER POLLUTION EFFECTS NT SALT TOLERANCE RT **ACCLIMATION TOXINS** DROUGHTS ENVIRONMENTAL EFFECTS **ANTIBIOTICS** RT **JELLYFISH LETHAL LIMIT** RESISTANCE RED TIDE

STRESS

SEA NETTLES

TOXICITY **SWAMPS** TRACE ELEMENTS **TREMATODES** NT **BORON INVERTEBRATES** BT IODINE **PARASITES MAGNESIUM WORMS** MANGANESE SILICA TRIBUTYLTIN RT **GEOCHEMISTRY** USF TRT **METALS NUTRIENTS** TRINECTES MACULATUS **WATER CHEMISTRY** HOGCHOKER **TRACERS** TROPHIC LEVEL DYE RELEASES RT RT **ECOLOGY INDICATORS ECOSYSTEMS** ISOTOPES **ENERGY TRANSFER** RADIOACTIVITY TECHNIQUES **FOOD CHAINS RADIOISOTOPES PREDATION TAGGING PRODUCTIVITY TRANSPORT** TROUT DIFFUSION NT Freshwater trout species only SN DISPERSION BT FISH **ENERGY TRANSFER** FRESHWATER FISH ION TRANSPORT **OSMOSIS TUNNELS** SEDIMENT TRANSPORT **BRIDGES** RT RT **CURRENTS ENGINEERING** MOVEMENT **ROADS** WATER CIRCULATION TURBIDITY **TRANSPORTATION** PHYSICAL PROPERTIES BT RT **BOATS** RT ABSORPTION BRIDGES **COLLOIDS** COMMERCE DENSITY **HARBORS DENSITY CURRENTS INLAND WATERWAYS HYDROGRAPHY** MARITIME DEVELOPMENT LIGHT ATTENUATION LIGHT PENETRATION **NAVIGATION ROADS OPTICAL PROPERTIES** SHIPPING SEDIMENT LOAD SHIPS SEDIMENT TRANSPORT SUSPENDED LOAD **TRAPPING** SUSPENDED SEDIMENTS **BLUE CRAB** SUSPENSION RT TURBIDITY CURRENTS CATCH **COMMERCIAL FISHING** WATER POLLUTION EFFECTS **CRAB INDUSTRY** WATER QUALITY **FISHING GEAR** TURBIDITY CURRENTS HUNTING **MUSKRATS CURRENTS** BT **NETS** RT CONTINENTAL SLOPE **EARTHQUAKES TRAWLING EROSION** RT **FISHING GEAR** SEDIMENT TRANSPORT **NETS TURBIDITY TURBULENCE** TREATMENT FACILITIES **EFFLUENTS** RT **FLOW CHARACTERISTICS HYDRAULICS FACILITY SITING INDUSTRIAL PLANTS** MIXING **STORMS** SEWAGE TREATMENT WASTE TREATMENT WATER CIRCULATION WASTE WATER TREATMENT **WAVES** WINDS WATER POLLUTION WATER TREATMENT **TURTLES** TREES Includes terrestrial turtles and sea turtles SN **PLANTS** BT REPTILES BT

RT

VEGETATION

FORESTRY FORESTS

FOREST MANAGEMENT

U **ECONOMIC IMPACT ECONOMICS** MARKETING **PRODUCTIVITY ULTRASTRUCTURE** RT **BIOTECHNOLOGY** VARIABILITY **ELECTRON MICROSCOPY** SEASONAL VARIATIONS NT MICROBIOLOGY **DIVERSIFICATION** RT MICROSCOPY REGRESSION ANALYSIS MORPHOLOGY **SAMPLING ULTRAVIOLET RADIATION VECTORS** RT RADIATION RT DISEASES RT LIGHT **MICROORGANISMS** SOLAR RADIATION **PATHOLOGY WAVELENGTHS PUBLIC HEALTH UNDERWATER PHOTOGRAPHY VEGETATION PHOTOGRAPHY CROPS** RT DIVING **FORESTS** MARSH PLANTS **URANIUM RADIOISOTOPES** MOSSES ISOTOPES BT **PLANTS RADIOISOTOPES** PRIMARY PRODUCTIVITY RT RADIOACTIVE DATING REVEGETATION **SEEDS URBANIZATION** SHORELINE COVER **DEVELOPMENT (URBAN)** UF SUCCESSION RT CONSTRUCTION **TREES ECONOMICS VEGETATION EFFECTS** INDUSTRIAL DEVELOPMENT VEGETATION ESTABLISHMENT LAND CLASSIFICATION LAND DEVELOPMENT **VEGETATION EFFECTS** LAND USE **BEACH EROSION** MARINE RESOURCES **ENVIRONMENTAL EFFECTS** DEVELOPMENT **EROSION** MUNICIPAL WASTES **EROSION CONTROL** NON POINT SOURCES **RAINFALL-RUNOFF RELATIONSHIPS PUBLIC HEALTH RUNOFF ROADS** SHORE PROTECTION SEWERS SHORELINE COVER SOCIAL ASPECTS SOIL CONSERVATION **SOIL EROSION** SOIL EROSION WATER RESOURCES DEVELOPMENT SOIL-WATER-PLANT ZONING RELATIONSHIPS VEGETATION

UREAS

BT NITROGEN COMPOUNDS ORGANIC COMPOUNDS

RT **FERTILIZERS**

UROSALPINX CINEREA OYSTER DRILLS USE

USE RATES

RECREATION RT

WATER UTILIZATION

UTILITIES

VALUE

NT

RT

ELECTRICITY RT

POWER PLANTS SEWAGE TREATMENT

SEWERS

WATER TREATMENT

WATER UTILIZATION

٧

MARKET VALUE **ECONOMIC EFFICIENCY** **VEGETATION ESTABLISHMENT**

ARTIFICIAL HABITATS RT **EROSION CONTROL**

GERMINATION

VEGETATION ESTABLISHMENT

WATERSHED MANAGEMENT

HABITAT IMPROVEMENT LAND MANAGEMENT LAND RECLAMATION MARSH MANAGEMENT REVEGETATION SHORELINE COVER **SOIL CONSERVATION SOIL EROSION** SPOIL DISPOSAL VEGETATION **VEGETATION EFFECTS**

VELOCITY NT

RT

SETTLING VELOCITY WIND VELOCITY **CURRENT METERS**

DYNAMICS

FLOW MEASUREMENTS

KINETICS MEASUREMENT MOVEMENT

STREAM GAGES

VERTICAL MIGRATION

BT RT MIGRATION

DIURNAL DISTRIBUTION

ECOLOGY FISH MIGRATION MOVEMENT

SEASONAL DISTRIBUTION TEMPORAL DISTRIBUTION

VIRUSES

MICROORGANISMS BACTERIOPHAGE BT NT

PLANT VIRUSES

RT BIOLOGICAL CONTROL

BIOTECHNOLOGY DISEASES **EPIDEMIOLOGY** EPIZOOTIOLOGY FISH DISEASES IMMUNITY MICROBIOLOGY **PUBLIC HEALTH**

VITAMINS

RT **BIOCHEMISTRY**

METABOLISM NUTRITION

VOLUMETRIC ANALYSIS

вт **ANALYSIS**

ANALYTICAL TECHNIQUES

W **MUNICIPAL WASTES SANITARY ENGINEERING SEWAGE TREATMENT** TREATMENT FACILITIES **WASTE DISPOSAL** WASTE WATER BT **DISPOSAL** WASTE WATER DISPOSAL SEWAGE DISPOSAL NT WASTES SLUDGE DISPOSAL SPOIL DISPOSAL **WASTES** WASTE WATER DISPOSAL SN Use of a more specific term RT INCINERATION recommended INDUSTRIAL WASTES NT **CHEMICAL WASTES LANDFILLS** DREDGE SPOIL MUNICIPAL WASTES **INDUSTRIAL WASTES** OCEAN DUMPING MINE WASTES **POLLUTION** MUNICIPAL WASTES **PUBLIC HEALTH ORGANIC WASTES RECREATION WASTES PULP WASTES** SANITARY ENGINEERING RADIOACTIVE WASTES **SEWAGE EFFLUENTS RECREATION WASTES SEWERS SEWAGE SOLID WASTES** SEWAGE SLUDGE WASTE TREATMENT SOLID WASTE WASTES WASTE WATER WATER POLLUTION RT **EFFLUENTS** WATER POLLUTION CONTROL INCINERATION **LANDFILLS WASTE TREATMENT** OCEAN DUMPING NT **SEWAGE TREATMENT** ORGANIC MATTER WASTE WATER TREATMENT **POLLUTANTS** RT DISPOSAL POLLUTION INCINERATION SANITARY ENGINEERING **FILTRATION** SEWAGE DISPOSAL **MUNICIPAL WASTES** SEWAGE EFFLUENTS TREATMENT FACILITIES SEWAGE TREATMENT WASTE DISPOSAL **SEWERS** WASTES WASTE ASSMILATIVE CAPACITY WASTE DISPOSAL **WASTE WATER** WASTE TREATMENT **WASTES** RT WASTE WATER DISPOSAL **EFFLUENTS** RT WASTE WATER TREATMENT INDUSTRIAL WASTES WATER POLLUTION IRRIGATION WATER POLUTION SOURCES MINE WASTES WATER TREATMENT MUNICIPAL WASTES SANITARY ENGINEERING **WATER ANALYSIS SEWAGE** BT **ANALYSIS** SEWAGE EFFLUENTS WATER CHEMISTRY WASTE WATER DISPOSAL RT **BIOASSAY** WASTE WATER TREATMENT **BIOCHEMICAL OXYGEN DEMAND** WATER POLLUTION DISSOLVED OXYGEN POLLUTANT IDENTIFICATION **WASTE WATER DISPOSAL TESTS** DISPOSAL BT WATER POLLUTION WASTE DISPOSAL WATER QUALITY RT **EFFLUENTS** WATER TREATMENT **INDUSTRIAL WASTES** MUNICIPAL WASTES WATER BIRDS SANITARY ENGINEERING SHORE BIRDS USE **SEWAGE DISPOSAL** SEWAGE EFFLUENTS **WATER CHEMISTRY** WASTE WATER WATER ANALYSIS NT WASTE WATER TREATMENT RT CHLORINATION **WASTES** DESALINATION WATER POLLUTION **GEOCHEMISTRY** WATER POLLUTION CONTROL РΗ **TESTS WASTE WATER TREATMENT** TRACE ELEMENTS WASTE TREATMENT BT

WATER TREATMENT

INDUSTRIAL WASTES

AERATION DISPOSAL

FILTRATION

RT

WATER POLLUTION

WATER QUALITY

ESTUARINE FLOW

CIRCULATION

WATER CIRCULATION

UF

NT

RT **CORIOLIS FORCE SEA LEVEL CURRENT METERS** STREAM GAGES **CURRENTS TIDAL EFFECTS** WATER SUPPLY DESTRATIFICATION DISCHARGE PLUME WATER TABLE DYE RELEASES **WELLS** HYDRAULIC MODELS **HYDRAULICS** WATER MANAGEMENT **HYDRODYNAMICS** BT MANAGEMENT **HYDROGRAPHY** NT WATERSHED MANAGEMENT HYDROLOGIC CYCLE RT DRAINAGE **MIXING** FLOOD CONTROL PHYSICAL PROPERTIES **GROUNDWATER** STRATIFICATION HYDROLOGY TRANSPORT IRRIGATION TURBULENCE RESERVOIRS **WAVES** RUNOFF WATER CONSERVATION WATER CONSERVATION WATER DEMAND CONSERVATION WATER POLLUTION CONTROL BT RT **DROUGHTS** WATER QUALITY CONTROL FOREST MANAGEMENT WATER RESOURCES GROUNDWATER WATER RESOURCES DEVELOPMENT HYDROLOGY WATER STORAGE **RUNOFF** WATER SUPPLY SOIL CONSERVATION WATER UTILIZATION SOIL-WATER-PLANT WATER POLLUTION RELATIONSHIPS WATER DEMAND POLLUTION BT WATER MANAGEMENT RT AIR POLLUTION WATER POLLUTION ANOXIA WATER RESOURCES **BIOACCUMULATION BIOCHEMICAL OXYGEN DEMAND** WATER RESOURCES DEVELOPMENT WATER STORAGE **DETERGENTS** WATER SUPPLY **DISEASES** WATER TREATMENT DISPOSAL WATER UTLIZATION **EFFLUENTS** WATERSHED MANAGEMENT **ENVIRONMENTAL IMPACTS EUTROPHICATION** WATERSHEDS **FERTILIZERS** WELLS **INDUSTRIAL WASTES** MORTALITY WATER COOLING **COOLING WATER MUNICIPAL WASTES** USE **NITRATES** WATER CURRENTS **NITROGEN** USE CURRENTS NON POINT SOURCES NUTRIENTS OCEAN DUMPING **WATER DEMAND IRRIGATION** OIL POLLUTION RT RECREATION DEMAND OIL SPILLS **ORGANIC WASTES** WATER CONSERVATION POLLUTANT IDENTIFICATION WATER MANAGEMENT WATER STORAGE **POLLUTANTS** POLLUTION ABATEMENT WATER SUPPLY WATER UTILIZATION **PUBLIC HEALTH PULP WASTES RADIOACTIVE WASTES** WATER INTAKES SANITARY ENGINEERING USE INTAKES **SEWAGE** SEWAGE DISPOSAL **WATER LAW** SEWAGE EFFLUENTS **LEGAL ASPECTS** RT SLUDGE DISPOSAL LEGISLATION **PERMITS SOLID WASTES RIPARIAN RIGHTS SPILLS** THERMAL POLLUTION WATER RESOURCES DEVELOPMENT TOXIC SUBSTANCES **WATER LEVELS** TREATMENT FACILITIES WASTE DISPOSAL **DROUGHTS** RT WASTE WATER **ELEVATION** WASTE WATER DISPOSAL FLOOD DAMAGE WASTES **FLOODS** WATER ANALYSIS **GAGING STATIONS** WATER CHEMISTRY **LOW FLOW**

WATER CONSERVATION

RESERVOIRS

WATER POLLUTION CONTROL NUTRIENTS OXYGEN DEMAND **WATER POLLUTION EFFECTS** WATER POLLUTION SOURCES **PUBLIC HEALTH** WATER QUALITY RADIOACTIVITY WATER QUALITY CONTROL SALINITY WATER RESOURCES **TURBIDITY** WATER ANALYSIS WATER UTILIZATION WATER CHEMISTRY WATER POLLUTION CONTROL WATER POLLUTION WATER POLLUTION EFFECTS CONTROL RT RT **ABATEMENT** WATER QUALITY CONTROL **CLEAN-UP** WATER RESOURCES **DEPURATION** WATER TEMPERATURE HABITAT IMPROVEMENT WATER TREATMENT **POLLUTANTS** POLLUTION ABATEMENT WATER QUALITY CONTROL REGULATION CONTROL BT SEWAGE TREATMENT QUALITY CONTROL WASTE TREATMENT RT **ABATEMENT** WASTE WATER TREATMENT **AERATION** WATER MANAGEMENT POLLUTION ABATEMENT WATER POLLUTION REGULATION WATER MANAGEMENT WATER QUALITY CONTROL WATER TREATMENT WATER POLLUTION WATERSHED MANAGMENT WATER POLLUTION CONTROL WATER QUALITY WATER POLLUTION EFFECTS WATER TREATMENT RT **ANOXIA DISEASES** WATER RESOURCES **ENVIRONMENTAL IMPACTS NATURAL RESOURCES** BT RESOURCES **EUTROPHICATION FISHKILL AQUIFERS** RT **FOULING FRESHWATER** GROUNDWATER MORTALITY **PUBLIC HEALTH** HYDROLOGIC CYCLE **HYDROLOGY** TOXICITY TURBIDITY RAINFALL WATER POLLUTION RESERVOIRS WATER QUALITY **STREAMS** WATER CONSERVATION WATER POLLUTION SOURCES WATER MANAGEMENT BIOASSAY WATER POLLUTION RT WATER QUALITY **FFFI UFNTS** WATER RESOURCES DEVELOPMENT **FERTILIZERS HEATED WATER** WATER SUPPLY WATER TREATMENT **HEAVY METALS INDUSTRIAL WASTES** WATER UTILIZATION MINE WASTES **MUNICIPAL WASTES** WATER RESOURCES DEVELOPMENT NON POINT SOURCES RESOURCE DEVELOPMENT MARINE RESOURCES OIL SPILLS **ORGANIC WASTES** DEVELOPMENT POLLUTANT IDENTIFICATION RT **PLANNING** RECREATION **POLLUTANTS** RECREATION DEMAND **PULP WASTES** RADIOACTIVE WASTES RESOURCE ALLOCATION RESOURCES **RED TIDE** SOCIAL ASPECTS RUNOFF SOCIO-ECONOMICS SEWAGE **SEWAGE BACTERIA** URBANIZATION WATER CONSERVATION **SEWAGE EFFLUENTS** WATER LAW WASTES WATER MANAGEMENT WATER POLLUTION WATER RESOURCES WATER SUPPLY **WATER QUALITY BIOCHEMICAL OXYGEN DEMAND** WATER UTILIZATION RT **BIOINDICATORS** WATER STORAGE DESALINATION AQUIFERS DISSOLVED OXYGEN RT DAMS **ENVIRONMENTAL IMPACTS** DROUGHTS **EUTROPHICATION** GROUNDWATER **NITRATES**

NITROGEN

NON POINT SOURCES

HYDROLOGY

RESERVOIRS

WATER CONSERVATION WATER DEMAND WATER MANAGEMENT WATER SUPPLY WATERSHED MANAGEMENT

WATER CONSERVATION
WATER POLLUTION CONTROL
WATER QUALITY
WATER QUALITY CONTROL
WATER RESOURCES
WATER SUPPLY

WATER SUPPLY

RT

AQUIFERS
DESALINATION
DROUGHTS
GROUNDWATER
HYDROLOGY
NATURAL RESOURCES

PRECIPITATION
RAINFALL
RESERVOIRS

WATER CONSERVATION WATER DEMAND WATER LEVELS WATER MANAGEMENT WATER RESOURCES

WATER RESOURCES DEVELOPMENT

WATER STORAGE WATER TABLE WATER TREATMENT WATER UTILIZATION WATERSHED MANAGMENT

WATERSHEDS WELLS

AQUIFERS

WELLS

WATER TABLE

RT

DRAINAGE DROUGHTS GROUNDWATER WATER LEVELS WATER SUPPLY WATERSHEDS WELLS

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PHYSICAL PROPERTIES
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THERMAL POLLUT THERMAL STRESS THERMOCLINE THERMOMETERS WATER QUALITY

WATER TREATMENT

NT RT DESALINATION

WASTE WATER TREATMENT

ADSORPTION
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ION EXCHANGE
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WATER RESOURCES DEVELOPMENT

WATER SUPPLY

WATERSHED MANAGEMENT

ZONING

WATER WELLS
USE WELLS

WATERFOWL

BT BIRDS NT DUCKS GEESE

SWANS RT SHORE BIRDS

WATERSHED MANAGEMENT

BT MANAGEMENT

WATER MANAGEMENT CONTROL

CROPS
DRAINAGE

EROSION CONTROL FLOOD CONTROL FOREST MANAGEMENT HABITAT IMPROVEMENT

IRRIGATION LAND MANAGEMENT RUNOFF

VEGETATION EFFECTS
WATER CONSERVATION
WATER POLLUTION CONTROL
WATER STORAGE

WATER SUPPLY
WATER UTILIZATION
WATERSHEDS

WATERSHEDS

UF AGRICULTURAL WASTERSHEDS RT AGRICULTURE

AGRICULTURE
AQUIFERS
DRAINAGE
FLOOD CONTROL
FLOODS
HYDROLOGY
LAND USE
RIVER BASINS
RUNOFF

STORM RUNOFF STREAMFLOW WATER CONSERVATION

WATER SUPPLY

WATER TABLE

WATERSHED MANAGEMENT

WAVE CLIMATE MODEL EROSION BT MODEL STUDIES **GEOCHEMISTRY** RT **WAVE PATTERNS** GEOLOGY GEOMORPHOLOGY WAVES **PRECIPITATION WAVE PATTERNS** SEDIMENTARY PETROLOGY WAVE CLIMATE MODEL SHORELINE CHANGE RT WAVE REFRACTION SHORELINE EROSION WAVELENGTHS WAVES WEIGHT PHYSICAL PROPERTIES BT BIOMASS **WAVE REFRACTION** RT WAVE PATTERNS RT DENSITY WAVES GRAVITY LENGTH **WAVELENGTHS** MASS INFRARED RADIATION RT SIZE LIGHT RADIATION WELLS SOUND WAVES WATER WELLS UF ULTRAVIOLET RADIATION RT **AQUIFERS** WAVE PATTERNS DRILLING GROUNDWATER WAVES **HYDROGEOLOGY WAVES** WATER CONSERVATION INTERNAL WAVES WATER LEVELS NT SAND WAVES WATER SUPPLY SOUND WAVES WATER TABLE RT **BEACH EROSION BULKHEADS** WETLANDS **ENERGY** includes legal aspects and legislation SN **ENERGY TRANSFER** concerning all wetland types **EROSION** NT FRESHWATER MARSHES **FETCH** SALT MARSHES **SWAMPS** LITTORAL DRIFT RADIATION RT LAND RECLAMATION SEDIMENT TRANSPORT LAND RESOURCES SHORE PROTECTION MARSH MANAGEMENT STORM SURGE MARSH PLANTS **TIDES** MITIGATION **TURBULENCE** MUD FLATS WATER CIRCULATION **NATURAL RESOURCES** WAVE CLIMATE MODEL WAVE PATTERNS WHALES MAMMALS WAVE REFRACTION BT WAVELENGTHS MARINE MAMMALS WIND TIDES WHITE BASS **WEAKFISH** UF MORONE CHRYSOPS CYNOSCION REGALIS вт BASSES UF вт DRUMS FISH FRESHWATER FISH FISH MARINE FISH WHITE PERCH MORONE AMERICANUS WEATHER **CLIMATIC DATA** BT ANADRAMOUS FISH CLIMATOLOGY **BASSES CLOUDS** FISH DROUGHTS **ENVIRONMENTAL EFFECTS** WIDTH **FLOODS** PHYSICAL PROPERTIES BT **HURRICANES** RT **LENGTH** ICE WILDLIFE METEOROLOGICAL DATA **METEOROLOGY** SN Use of specific animal or animal group RAINFALL recommended **ENDANGERED SPECIES** STORMS RT NATIONAL WILDLIFE REFUGES WIND VELOCITY WINDS **NATURAL RESOURCES** WILDLIFE MANAGEMENT WEATHERING **DEGRADATION** WILDLIFE CONSERVATION RT **DETRITUS** USE WILDLIFE MANAGEMENT **ENVIRONMENTAL EFFECTS**

WILDLIFE MANAGEMENT

UF WILDLIFE CONSERVATION

BT MANAGEMENT RT ANIMAL CONTROL

ARTIFICIAL HABITATS
CONSERVATION
ENDANGERED SPECIES
FISH MANAGEMENT
HABITAT IMPROVEMENT
HUNTING

LAND MANAGEMENT

NATIONAL WILDLIFE REFUGES

PRESERVATION

WILDLIFE

WIND TIDES

BT

TIDES

RT STORM SURGE

WAVES WIND VELOCITY

WINDS

WIND VELOCITY

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RT ATMOSPHERIC MEASURMENT

CLIMATIC DATA CURRENT METERS

FETCH HURRICANES

METEOROLOGICAL DATA

METEOROLOGY STORMS WEATHER WIND TIDES WINDS

WINDS

RT ATMOSPHERIC MEASUREMENT

CLIMATIC DATA CLIMATOLOGY FETCH

HURRICANES METEOLOGICAL DATA METEOROLOGY

METEOHOLOGY STORM SURGE STORMS TURBULENCE WEATHER WIND TIDES WIND VELOCITY

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NT ANNELIDS

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NEMERTEANS
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POLYCHAETES
TREMATODES

TREMATODES RT CHAETOGNATHS

PARASITES

X

X-RAYS

BT

RADIATION

Y

YEASTS

BT

FUNGI

MICROORGANISMS

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FRANKLIN, VA
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NEWPORT NEWS, VA
NORFOLK, VA
POQUOSON, VA
PORTSMOUTH, VA
RICHMOND, VA
SUFFOLK, VA
VIRGINIA BEACH, VA
WACHAPREAGUE, VA

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BREVOORTIA TYRANNUS
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E.COLI

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LAMPREYS USE

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USE

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SPARTINA PATENS USE

MARSH PLANTS

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USE HOGCHOKER

TURSIOPS TRUNCATUS
USE DOLPHINS

<u>UCA</u> SPP.

USE

CRABS

UROSALPINX CINEREA USE OYSTER DRILLS

ZOSTERA MARINA USE

EEL GRASS

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