

Coastal Management and Sea-level Rise

PB2012111851

Hotspot of Accelerated Sea-level Rise on the Atlantic Coast of North America.
Geological Survey, St. Petersburg, FL. Coastal and Marine Science Center.
2012, 5p

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48G (Hydrology & Limnology)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

Keywords: Coastal zone management, Atlantic coast, Sea-level rate differences (SLRDs).

PB2012112345

Preliminary Investigation of the Effects of Sea-Level Rise on Groundwater Levels in New Haven, Connecticut.
Yale Univ., New Haven, CT.
Geological Survey, Reston, VA.
2012, 56p
USGS/OFR-2012-1025

Related Categories/Sub-Categories:

48G (Hydrology & Limnology)
47B (Dynamic Oceanography)

Keywords: Sea level, Ground water level monitoring, Water flows.



ADA554427

Numerical Weather Prediction and Earth System Prediction to Better Understand Sea Level Rise/Coastal Issues as They Affect Readiness.
Naval Meteorology and Oceanography, Stennis Space Center, MS.
2011, 25p

Related Categories/Sub-Categories:

55A (Aeronomy)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
74 (Military Sciences)

Keywords: Interagency coordination, Weather forecasting, Climate change.

National Technical Reports Library

Purpose: To bring you a sampling of the latest documents added to the NTIS Database and to help you gain a greater understanding of the wealth of scitech information available from the National Technical Information Service.

Director: Bruce Borzino

Associate Director for Product Management & Acquisition: Don Hagen

Manager, Cataloging/Indexing Division: Sue Feindt

Manager, Product & Program Management: Wayne Strickland

Contributing Program Manager: Christie Langone

Technical Information Specialist: Anne Harrison

508 & Accessibility: Rahsaan Williams

Design & Layout: Brian Congdon

This Newsletter is published twelve times a year, and delivered via e-mail on or about the 15th of each month. You may subscribe or unsubscribe by writing to ntrnews@ntis.gov. We can only unsubscribe you if you receive your copy from ntrnews@ntis.gov. Copies are also re-distributed through listservs and by other subscribers. For back issues to the Newsletter [click here](#).

The ntrnews subscribers list is not shared with any other entities for any purpose. Your comments are always welcome. Write us at ntrnews@ntis.gov.

Connect with NTIS on [Facebook](#) & [Twitter](#)



Permission to redistribute this newsletter is granted.

National Technical Information Service
U.S. Department of Commerce
5301 Shawnee Road
Alexandria, VA 22312



PB2012112034

Technical Considerations for Use of Geospatial Data in Sea Level Change Mapping and Assessment.

National Ocean Service, Washington, DC.
2010, 142p
NOAA-TR-NOS-2010-01

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
47G (Hydrography)

Keywords: Geospatial data, Mapping, Sea level change.

PB201111350

Coastal Vulnerability Assessment of the Northern Gulf of Mexico to Sea-Level Rise and Coastal Change.

Geological Survey, Reston, VA.
2010, 30p

USGS OFR 2010-1146

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
57H (Ecology)

Keywords: Coastal change, Gulf of Mexico, Coast vulnerability index (CVI).

PB2012111856

Chesapeake Bay Land Subsidence and Sea Level Change: An Evaluation of Past and Present Trends and Future Outlook.

Virginia Inst. of Marine Science, Gloucester Point.
Corps of Engineers, Norfolk, VA. Norfolk District.
2010, 81p
VIMS-SR-425

Related Categories/Sub-Categories:

48G (Hydrology & Limnology)
47B (Dynamic Oceanography)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

Keywords: Water level stations, Seasonal cycles, Relative sea level (RSL) measurements.

Key to Database Fields Used

The following NTIS database fields are used in this short listing of recently acquired technical reports.

- **NTIS Order Number**
- **Title**
- **Source**
- **Report Year, Page Count**
- **Report Number/ISBN13** (if available)
- **Related Categories/Sub-categories** (where the document is also indexed)
- **Keywords**

RSS Feeds are available in your choice of NTIS Subject Category. For information use the RSS link on the NTIS Homepage and look for the Category RSS Feeds button.

**PB2012111848**

Trends in Resource Management Needs and Issues: a Literature Review.

MRAG Americas, St. Petersburg, FL.
National Oceanic and Atmospheric Administration, Charleston, SC. Coastal Services Center.
2009, 41p

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48B (Natural Resource Management)
48G (Hydrology & Limnology)

Keywords: Coasts, Coastal resource management, Ecosystem based management (EBM).

PB2012111849

Systematic Review of the Needs and Issues of the U.S. Coastal Resource Management Community. Final Report. A Qualitative Meta Analysis.

MRAG Americas, St. Petersburg, FL.
National Oceanic and Atmospheric Administration, Charleston, SC. Coastal Services Center.
2009, 53p

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48B (Natural Resource Management)
48G (Hydrology & Limnology)

Keywords: Coastal conservation, Coastal resource management, Ecosystem based management (EBM).

ADA508705

Sea Level Rise and Consequences for Navigable Coastal Inlets.

Army Engineer Waterways Experiment Station,
Vicksburg, MS. Coastal Hydraulics Lab.
2009, 8p

Related Categories/Sub-Categories:

47C (Physical & Chemical Oceanography)
50B (Civil Engineering)
76D (Navigation Systems)

Keywords: Marine navigation, Jetties, Navigation channels.

PB2009105278

U.S. Climate Change Science Program. Synthesis and Assessment Product 4.1. Coastal Sensitivity to Sea Level Rise: A Focus on the Mid-Atlantic Region.

Environmental Protection Agency, Washington, DC.
Geological Survey, Reston, VA.
National Oceanic and Atmospheric Administration, Rockville, MD.
Department of Transportation, Washington, DC.
2009, 790p
CCSP-4.1

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
43F (Environment)
91A (Environmental Management & Planning)

Keywords: Climate change, Environmental impacts, Atlantic Ocean,

**FEDERAL LABORATORY CONSORTIUM
FOR TECHNOLOGY TRANSFER**

FLC *advancing federal
research and technology*

The Federal Laboratory Consortium for Technology Transfer (FLC) and the National Technical Information Service (NTIS) continuously collaborate on the process of Federal Technology Transfer.



The FLC is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory mission technologies and expertise with the marketplace. The FLC consists of more than 250 federal laboratories.

As an agency of the U.S. Department of Commerce, the NTIS mission is to provide for the acquisition, archiving and dissemination of technological, scientific, and engineering information. Much of this permanent repository of information is the result of research conducted by federal laboratories that are members of the FLC. The collaborative effort of the FLC and NTIS ensures the perpetual availability of this vital research to American businesses and industries.

www.federallabs.org

PB2012112839

Effects of Sea-Level Rise and Pumpage Elimination on Saltwater Intrusion in the Hilton Head Island Area, South Carolina, 2004-2104.

Geological Survey, Reston, VA.
2009, 97p
USGS-SIR-2009-5251

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)

Keywords: Saltwater intrusion, Coastal regions, Sea levels

PB2012111847

Climate-Related Needs Assessment Synthesis for Coastal Management.

National Oceanic and Atmospheric Administration, Charleston, SC. Coastal Services Center.
2008, 29p

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

Keywords: Coastal zone management, Climate change, Water level fluctuations.

PB2011105579

Summary of Coastal Program Initiatives that Address Sea Level Rise as a Result of Global Climate Change.

Rhode Island Univ., Narragansett. Sea Grant Program.
National Oceanic and Atmospheric Administration, Rockville, MD. Office of Sea Grant.
2008, 53p

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48F (Geology & Geophysics)
50B (Civil Engineering)
55E (Physical Meteorology)

Keywords: Adaptation strategies, Coastal hazards, Coastal Zone Management Act (CZMA).

Recently added to the NTRL— Over 195K thin meta-data records of pre-1964 information. This retrospective conversion of paper-formatted catalog cards to digital meta-data, on a variety of subjects, represents the culmination of a significant investment of resources by NTIS to enhance the value of the content collection of the NTRL V3.0. Although NTIS does not offer full-text availability for many of these meta-data records, in the interest of providing our subscribers greater potential of discoverability, they have been integrated among the existing NTRL V3.0 content.

Major Subject Categories

Category Codes*/Title.....	New for July Quantity**
41 Manufacturing Technology	29
43 Problem Solving Information for State & Local Governments	272
44 Health Care	236
45 Communication	54
46 Physics	174
47 Ocean Sciences & Technology	102
48 Natural Resources & Earth Sciences	216
49 Electrotechnology	40
50 Civil Engineering.....	168
51 Aeronautics & Aerodynamics	103
54 Astronomy & Astrophysics.....	58
55 Atmospheric Sciences	97
57 Medicine & Biology.....	409
62 Computers, Control & Information Theory	121
63 Detection & Countermeasures	48
68 Environmental Pollution & Control.....	248
70 Administration & Management	419
71 Materials Sciences	83
72 Mathematical Sciences	45
74 Military Sciences	322
75 Missile Technology	3
76 Navigation, Guidance, & Control.....	4
77 Nuclear Science & Technology	69
79 Ordnance	120
81 Combustion, Engines, & Propellants	22
82 Photography & Recording Devices	8
84 Space Technology.....	114
85 Transportation	223
88 Library & Information Sciences	62
89 Building Industry Technology	32
90 Government Inventions for Licensing.....	0
91 Urban & Regional Technology & Development.....	322
92 Behavior & Society	461
94 Industrial & Mechanical Engineering	60
95 Biomedical Technology & Human Factors Engineering	50
96 Business & Economics	286
97 Energy	155
98 Agriculture & Food.....	103
99 Chemistry	56

* For a listing of Scope Notes that defines the specific topical content for each category, go to <http://www.ntis.gov/pdf/scopenotes.pdf>

** Quantities represent each new report assigned on average to 3-5 categories.

PB2009101788

Coastal Vulnerability Assessment of Kaloko-Honokohau National Historical Park to Sea-Level Rise.

Geological Survey, Reston, VA.
2006, 25p
USGS-OFR-2005-1248

Related Categories/Sub-Categories:

91L (Recreation)
48B (Natural Resource Management)
47B (Dynamic Oceanography)

Keywords: Coastal areas, Sea level rise, Hawaii.

PB2009101804

Coastal Vulnerability Assessment of Point Reyes National Seashore to Sea-Level Rise.

Geological Survey, Reston, VA.
2005, 26p
USGS-OFR-2005-1059

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
70F (Public Administration & Government)

Keywords: Coastal vulnerability index, Sea-level rise, Coastal change.

PB2005109169

Coastal Vulnerability Assessment of Channel Islands National Park (CHIS) to Sea-Level Rise.

Geological Survey, Reston, VA.
2005, 34p
USGS-OFR-2005-1057

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)

Keywords: Ocean tides, California, Environmental impacts.

PB2009101308

Coastal Vulnerability Assessment of Golden Gate National Recreation Area to Sea-Level Rise.

Geological Survey, Reston, VA.
2005, 27p
USGS/OFR-2005-1058

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
91L (Recreation)
70F (Public Administration & Government)

Keywords: Coastal vulnerability index, California, Recreation areas.

Subject Category Codes/Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character. The numeric codes represent entire categories the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from three to five, although there are some reports with more.

PB2009101307

Coastal Vulnerability Assessment of National Park of American Samoa (NPSA) to Sea-Level Rise. Geological Survey, Reston, VA. 2005, 29p
USGS/OFR-2005-1055

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
91L (Recreation)
70F (Public Administration & Government)
Keywords: National parks, Coastal change, Coastal vulnerability index (CVI).

PB2009101306

Coastal Vulnerability Assessment of Gateway National Recreation Area (GATE) to Sea-Level Rise. Geological Survey, Reston, VA. 2005, 27p
USGS/OFR-2004-1257

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
91L (Recreation)
70F (Public Administration & Government)
Keywords: Coastal vulnerability index, New York, New Jersey.

PB2009101304

Coastal Vulnerability Assessment of War in the Pacific National Historical Park (WAPA) to Sea-Level Rise. Geological Survey, Reston, VA. 2005, 25p
USGS/OFR-2005-1056

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
88B (Information Systems)
57H (Ecology)
Keywords: Coastal vulnerability index, Guam, Coastal change.

PB2009101322

Coastal Vulnerability Assessment of Cumberland Island National Seashore (CUIS) to Sea-Level Rise. Geological Survey, Woods Hole, MA. National Park Service, Denver, CO. 2004, 23p
USGS/OFR-2004-1196

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
91L (Recreation)
70F (Public Administration & Government)
Keywords: Coastal vulnerability index, Georgia, Long term planning.

PB2009101305

Coastal Vulnerability Assessment of Dry Tortugas National Park to Sea-Level Rise. Geological Survey, Reston, VA. 2004, 27p
USGS/OFR-2004-1416

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
91L (Recreation)
70F (Public Administration & Government)
Keywords: Coastal vulnerability index, Florida, Coastal change.

PB2009102009

Coastal Vulnerability Assessment of Assateague Island National Seashore (ASIS) to Sea-Level Rise. Geological Survey, Woods Hole, MA. National Park Service, Denver, CO. 2004, 20p
USGS/OFR-2004-1020

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
57H (Ecology)
91A (Environmental Management & Planning)
43F (Environment)
91L (Recreation)
Keywords: Virginia, Maryland, Shoreline changes.

PB2009101313

Coastal Vulnerability Assessment of Cape Hatteras National Seashore (CAHA) to Sea-Level Rise. Geological Survey, Reston, VA. 2004, 20p
USGS/OFR-2004-1064

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
70F (Public Administration & Government)
Keywords: Coastal vulnerability index, North Carolina, Coastal change.



The National Technical Reports Library (NTRL) enhances accessibility to the NTIS technical reports collection. It provides access to:

- Bibliographic records of more than 2,000,000 technical reports
- Downloadable full text of 700,000 of these reports in PDF format

Subscription rates are based on institutional FTE levels.

The NTRL operates on a system interface that allows users to do queries on the large NTIS bibliographic database. The intent is to broadly expand and improve access to over 2 million bibliographic records (pre-1960 to present) and 700k full-text documents in PDF format that are directly linked to that bibliographic database.

For more information, go to:
<http://www.ntis.gov/products/ntrl.aspx>

NTIS e-Alerts

Every week, NTIS receives more than 1,000 publications, studies and valuable data from over 350 U.S. government agencies and international sources. This information is the result of billions of dollars of R&D and studies sponsored by the United States Government.

NTIS *eAlerts*, delivers summaries of these publications right to your desktop, bi-weekly, in your field of interest. For more information visit

<http://www.ntis.gov/products/alerts.aspx>

Subject selections:

- Agriculture and Food
- Biomedical Technology and Human Factor
- Engineering
- Building Industry Technology
- Business & Economics
- Civil Engineering
- Communication
- Computers, Control & Information Theory
- Electrotechnology
- Energy
- Environmental Pollution and Control
- Government Inventions for Licensing
- Health Care
- Manufacturing Technology
- Materials Sciences
- Ocean Sciences and Technology
- Transportation

Photo: Architect of the Capitol



PB2005110841

Coastal Vulnerability Assessment of Virgin Islands National Park (VIIS) to Sea-Level Rise.

Geological Survey, Denver, CO. Water Resources Div. 2004, 38p
USGS-OFR-2004-1398

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48B (Natural Resource Management)
48G (Hydrology & Limnology)

Keywords: Coastal change, Vulnerability assessment, Sea level rise.

PB2009101310

Coastal Vulnerability Assessment of Padre Island National Seashore (PAIS) to Sea-Level Rise.

Geological Survey, Reston, VA. 2004, 25p
USGS/OFR-2004-1090

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48F (Geology & Geophysics)
48B (Natural Resource Management)
91L (Recreation)
70F (Public Administration & Government)

Keywords: Coastal vulnerability, Texas, Long-term planning.

PB2009101325

Coastal Vulnerability Assessment of Gulf Islands National Seashore (GUIS) to Sea-Level Rise.

Geological Survey, Reston, VA. National Park Service, Washington, DC. 2003, 22p
USGS/OFR-03-108

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
70F (Public Administration & Government)

Keywords: Coastal vulnerability index, Florida, Mississippi.

PB2010102225

Future Sea Level Rise Impacts Maryland's Atlantic Coastal Bays.

Maryland Univ., College Park. Lab. for Coastal Research. Maryland Dept. of Natural Resources, Annapolis. Coastal Resources Div. 1992, 113p

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)

Keywords: Atlantic Ocean, Coastal regions, Natural resources management.

PB2009101263

Drowning the North Carolina Coast: Sea-Level Rise and Estuarine Dynamics.

North Carolina State Univ. at Raleigh. Sea Grant College Program. National Oceanic and Atmospheric Administration, Rockville, MD. Office of Sea Grant and Extramural Programs. North Carolina Dept. of Environment, Health, and Natural Resources, Raleigh. 2003, 156p
ISBN-0-9747801-0-3
UNC-SG-03-04

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
57H (Ecology)
48B (Natural Resource Management)
48F (Geology & Geophysics)

Keywords: Estuaries, Hydrodynamics, Coastal zone management.

PB2009101324

Coastal Vulnerability Assessment of Fire Island National Seashore (FIIS) to Sea-Level Rise.

Geological Survey, Reston, VA. National Park Service, Washington, DC. 2003, 19p
USGS/OFR-03-439

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
70F (Public Administration & Government)

Keywords: Coastal vulnerability index, Coastal change, New York.

PB2009101314

Coastal Vulnerability Assessment of Cape Cod National Seashore (CACO) to Sea-Level Rise.

Geological Survey, Reston, VA. 2002, 23p
USGS/OFR-02-233

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
48F (Geology & Geophysics)
70F (Public Administration & Government)

Keywords: Coastal vulnerability index, Massachusetts, Coastal change.

PB2001104466

Maps of Lands Vulnerable to Sea Level Rise: Modeled Elevations along the U.S. Atlantic and Gulf Coasts.

Environmental Protection Agency, Washington, DC. 2000, 34p

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48I (Cartography)
68A (Air Pollution & Control)
55E (Physical Meteorology)

Keywords: Maps, Global warming, Greenhouse effects.

PB98116254

International Workshop: Planning for Climate Change through Integrated Coastal Management. Held in Taipei on February 24-28, 1997. Volume 1. Summary Report.

Asia Foundation, San Francisco, CA. Environment Agency, Tokyo (Japan). Ministry of Transport and Public Works, The Hague (Netherlands). National Institute for Coastal and Marine Management. National Oceanic and Atmospheric Administration, Rockville, MD. 1997, 162p
See also PB99114936.

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

Keywords: Coastal zone management, Climate change, Shorelines.

DE98728539

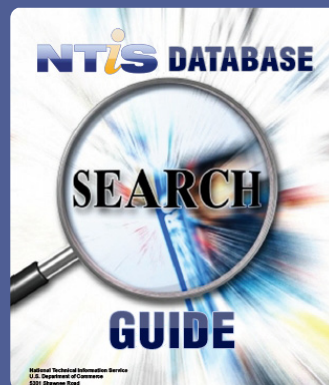
Variazioni del livello del mare nel tardo olocene (ultimi 2500 anni) lungo la costa del Lazio in base ad indicatori geo-archeologici. Interazioni fra neotettonica, eustatismo e clima. (Sea Level Variations Along the Latium Coastal Region by Archaeological Indicators).

1997, 135p
ENEA-RT-AMB-97-08

Related Categories/Sub-Categories:

48F (Geology & Geophysics)
92D (Education, Law, & Humanities)
47B (Dynamic Oceanography)

Keywords: Italy, Mediterranean Sea, Sea floor spreading.



Just Revised: the NTIS Database Search Guide

Gain an in-depth understanding of the NTIS database structure with this new guide:

- Comprehensive list of NTIS Categories
- Helpful information and search hints
- Reference Guide to online commercial services and the NTRL
- Great Reference Manual & Teaching Tool

Free Download: <http://www.ntis.gov/pdf/dbguide.pdf>

PB99114936

International Workshop: Planning for Climate Change through Integrated Coastal Management. Volume 2. Country and Regional Reports. Held in Chinese Taipei on February 24-28, 1997.

Asia Foundation, San Francisco, CA.
Environment Agency, Tokyo (Japan).
Ministry of Transport and Public Works, The Hague (Netherlands). National Institute for Coastal and Marine Management.
National Oceanic and Atmospheric Administration, Silver Spring, MD.
National Academy of Sciences, Washington, DC.
1998, 120p
See also PB98116254.

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
Keywords: Coastal zone management, Climate change, Coral reefs.

DE98741851

Analysis of the Sea-level Variability Along the Chinese Coast and Estimation of the Impact of Global Climate Change.

GKSS-Forschungszentrum Geesthacht GmbH (Germany).
1997, 30p
GKSS-97/E/19

Related Categories/Sub-Categories:

55 (Atmospheric Sciences)
68D (Water Pollution & Control)
Keywords: China, Atmospheric circulation, Pacific Ocean.

DE98746525

Natural Variability and Anthropogenic Change of Storm Related Sea Level Variations Along the North Sea Coast.

GKSS-Forschungszentrum Geesthacht GmbH (Germany).
1997, 29p

Related Categories/Sub-Categories:

55 (Atmospheric Sciences)
68D (Water Pollution & Control)
Keywords: Coastal Regions, Storms, Tides.

PB97112106

Effects of Sea Level Rise and Climate Change on Groundwater Salinity and Agrohydrology in a Low Coastal Region of the Netherlands.

Winand Staring Centre for Integrated Land, Soil and Water Research, Wageningen (Netherlands).
Agricultural Research Dept.
1996, 103p

Related Categories/Sub-Categories:

48G (Hydrology & Limnology)
98D (Agronomy, Horticulture, & Plant Pathology)
Keywords: Crop production, Coastal areas, Ground water.

PB2005100949

Anticipatory Planning for Sea-Level Rise Along the Coast of Maine.

Maine State Planning Office, Augusta.
Environmental Protection Agency, Washington, DC. Office of Policy, Planning and Evaluation.
1995, 246p
EPA-230-R-95-900

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
68A (Air Pollution & Control)
Keywords: Erosion, Greenhouse effects, Coastal zone management.

ADA277306

ENSO Forced Variations of the Sea Surface Temperature and Adjusted Sea Level Along the West Coast of the United States.

Naval Postgraduate School, Monterey, CA.
1993, 98p

Related Categories/Sub-Categories:

47C (Physical & Chemical Oceanography)
47B (Dynamic Oceanography)
Keywords: Surface temperature, Coastal regions, Ocean surface.

DE93007799

Adapting to Sea-level rise in the US Southeast: The Influence of Built Infrastructure and Biophysical Factors on the Inundation of Coastal Areas.

Oak Ridge National Lab., TN. Carbon Dioxide Information Analysis Center.
1992, 268p
ORNL/CDIAC-54

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
68A (Air Pollution & Control)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
Keywords: Greenhouse effect, Coastal regions, Environmental impacts.

PB87204145

Selected Annotated Bibliography: Coastal Resource Management.

Florida Univ., Gainesville. Coll. of Law.
National Oceanic and Atmospheric Administration, Rockville, MD. Office of Sea Grant and Extramural Programs.
1987, 90p
SGR-89

Related Categories/Sub-Categories:

48B (Natural Resource Management)
48G (Hydrology & Limnology)
43 (Problem-Solving Information for State & Local Governments)
91H (Regional Administration & Planning)
88E (Reference Materials)
Keywords: Coastal zone management, Bibliographies, Floods.

PB86125515

Analysis of the Winds (1974-1984) and Sea Level Elevations (1973-1983) in Coastal Alabama.

Alabama Marine Resources Lab., Dauphin Island.
Louisiana State Univ., Baton Rouge. Coastal Studies Inst.

National Oceanic and Atmospheric Administration, Rockville, MD. Office of Sea Grant.
Mississippi-Alabama Sea Grant Consortium, Ocean Springs, MS.
1985, 112p
MASGP-84-024

Related Categories/Sub-Categories:

55B (Dynamic Meteorology)
Keywords: Wind (Meteorology), Dauphin Island, Seasonal variations.

PB95218525

Effects of Climate Change and Sea-Level Change on the Coastal Zone.

Waterloopkundig Lab. te Delft (Netherlands).
1992, 14p

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
47 (Ocean Technology & Engineering)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
43F (Environment)
91A (Environmental Management & Planning)
Keywords: Sediment transport, Numerical analysis, Flooding.

PB95218137

Vulnerability of Coastal Areas to Sea-Level Rise: Some Global Results.

Waterloopkundig Lab. te Delft (Netherlands).
Rijkswaterstaat, The Hague (Netherlands). Div. of Tidal Waters.
1992, 17p

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
47C (Physical & Chemical Oceanography)
48B (Natural Resource Management)
Keywords: Coastal regions, Flood damage, Global aspects.

PB95218517

Sea-Level Rise and Coastal Zone Management.

Waterloopkundig Lab. te Delft (Netherlands).
1992, 12p

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
48B (Natural Resource Management)
43F (Environment)
91A (Environmental Management & Planning)
Keywords: Sea level, Climatic changes, Coasts.

DE89010297

Workshop on Sea Level Rise and Coastal Processes.

Oak Ridge National Lab., TN.
1989, 290p
DOE/NBB-0086
CONF-8803204

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

Keywords: Greenhouse effect, Global aspects, Wetlands.

DE89014077

Assessment of Global Coastal Hazards from Sea Level Rise.

Oak Ridge National Lab., TN.
Department of Energy, Washington, DC.
1989, 15p
CONF-8907104-1

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
55E (Physical Meteorology)

Keywords: Coastal Regions, Greenhouse Effect, Risk assessment.

DE90010420

Assessing Impacts of Potential Accelerating Sea-level Rise on Coastal Energy Facilities, USA.

Argonne National Lab., IL.
1989, 13p
CONF-891210-3

Related Categories/Sub-Categories:

47B (Dynamic Oceanography)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)

97R (Environmental Studies)
68A (Air Pollution & Control)

Keywords: Energy facilities, Floods, East Coast.

PB89203665

Greenhouse Effect Sea Level Rise and Coastal Wetlands.

Environmental Protection Agency, Washington, DC. Office of Policy, Planning and Evaluation.
Butler University, Indianapolis, IN. Holcomb Research Institute.
1988, 168p
EPA/230/05-86/013
LCCCN-86-16585

Related Categories/Sub-Categories:

48B (Natural Resource Management)
48F (Geology & Geophysics)
55E (Physical Meteorology)
43F (Environment)

Keywords: Marshes, Coasts, Swamps.

PB91143255

Impact of Sea Level Rise on the Dutch Coastal Ecosystems.

Nederlands Inst. voor Onderzoek der Zee, Texel.
Rijksinstituut voor Natuurbeheer, Texel (Netherlands).
1988, 106p
NIOZ-1988-8

Related Categories/Sub-Categories:

47D (Biological Oceanography)
47B (Dynamic Oceanography)
57H (Ecology)
55C (Meteorological Data Collection, Analysis, & Weather Forecasting)
68A (Air Pollution & Control)

Keywords: Netherlands, Aquatic ecosystems, Coastal regions.

PB86177961

Sea-Level Data from the Australian Coastal Experiment: A Data Report.

Commonwealth Scientific and Industrial Research Organization, Hobart (Australia). Marine Laboratories
1985, 20p
CSIRO MARINE LABS-171
ISBN-0-643-03652-0

Related Categories/Sub-Categories:

47C (Physical & Chemical Oceanography)
47E (Marine Geophysics & Geology)

Keywords: Oceanographic data, Tide gages, Australia.

PB2010115198

Changing Climate and the Coast. Volume 1. Adaptive Responses and Their Economic, Environmental, and Institutional Implications.

1990, 385P

Related Categories/Sub-Categories:

91A (Environmental Management & Planning)
55C (Meteorological Data Collection, Analysis & Weather Forecasting)

48G (Hydrology & Liminology)

Keywords: Climate change, Potential strategies, Global, Hydrology, Climatology.

PB2008108322

Potential for Shoreline Changes Due to Sea-Level Rise Along the U.S. Mid-Atlantic Region.

2007, 30p
USGS/REP-SER-2007-1278

Related Categories/Sub-Categories:

47 (Ocean Sciences & Technology)
48F (Geology & Geophysics)
50B (Civil Engineering)

Keywords: Shorelines, Middle Atlantic Region (United States), Geological characteristics, Bights, Predictions, Coastal landforms.

PB2012105156

Application of Ecological and Economic Models of the Impacts of Sea-Level Rise to the Delaware Estuary.

2010, 48p

Related Categories/Sub Categories:

57H (Ecology)
47B (Dynamic Oceanography)
48B (Natural Resource Management)
91J (Economic Studies)

Keywords: Sea level rise, Estuaries, Coastal zone management, Ecological models, Economic models, Impacts, Wetland changes.

ADA554054

Sea-level Rise Science and Decision Making in an Uncertain Future.

2010, 32p

Related Categories/Sub-Categories:

47C (Physical & Chemical Oceanography)
48G (Hydrology & Limnology)

Keywords: Sea level, Climate change, Coastal regions, Decision making, Environmental impact Predictions, Response, Sea-level rise.

PB2012110604

Resilient Coast: Policy Frameworks for Adapting the Wetlands to Climate Change and Growth in Coastal Areas in the U.S. Gulf of Mexico.

2007, 40p

TAMU-SG-07-7401R

Related Categories/Sub-Categories:

47D (Biological Oceanography)
48G (Hydrology & Limnology)
57H (Ecology)

55 (Atmospheric Sciences)

Keywords: Coastal regions, Climate change, Wetlands, Gulf of Mexico, Biological adaptation, Fishes, Habitat.

PB88147921

Projecting Future Sea Level Rise: Methodology, Estimates to the Year 2100, and Research Needs. 2nd Edition, Revised.

1983, 127p.

EPA-230/09/007

Related Categories/Subcategories:

48B (Natural Resource Management)
50B (Civil Engineering)
68D (Water Pollution & Control)

Keywords: Sea level, Coasts, Coastal zone management, Estimates, Decision making, Water supply, Water pollution, Civil engineering, Water levels.

PB2010115199

Changing Climate and the Coast. Volume 2. Western Africa, the Americas, the Mediterranean Basin, and the Rest of Europe.

1990, 493p

Related Categories/Sub-Categories:

91A (Environmental Management & Planning)
55C (Meteorological Data Collection, Analysis & Weather Forecasting)
48G (Hydrology & Liminology)

Keywords: Climate change, Potential strategies, Global, Hydrology, Climatology.

Any of the technical reports listed in this newsletter can be ordered directly from the National Technical Information Service, simply click on the title to go to the product detail page on NTIS.GOV.

If your organization is a subscriber to the National Technical Reports Library, most of the reports listed can be downloaded free there. For information on how to subscribe to NTRL, go to <http://www.ntis.gov/products/ntrl.aspx>.

Title Index - For NTRL Users

The following is a list of the titles included in this month's issue, without links to the NTIS Web site. The list is in alphabetical order by title.

NTIS number	Category	Title
DE93007799	68	Adapting to Sea-level rise in the US Southeast: The Influence of Built Infrastructure and Biophysical Factors on the Inundation of Coastal Areas.
DE98741851	55	Analysis of the Sea-level Variability Along the Chinese Coast and Estimation of the Impact of Global Climate Change.
PB86125515	55	Analysis of the Winds (1974-1984) and Sea Level Elevations (1973-1983) in Coastal Alabama.
PB2005100949	47	Anticipatory Planning for Sea-Level Rise Along the Coast of Maine.
DE90010420	97	Assessing Impacts of Potential Accelerating Sea-level Rise on Coastal Energy Facilities, USA.
DE89014077	47	Assessment of Global Coastal Hazards from Sea Level Rise.
PB2012111856	47	Chesapeake Bay Land Subsidence and Sea Level Change: An Evaluation of Past and Present Trends and Future Outlook.
PB2012111847	55	Climate-Related Needs Assessment Synthesis for Coastal Management.
PB2009102009	57	Coastal Vulnerability Assessment of Assateague Island National Seashore (ASIS) to Sea-Level Rise.
PB2009101314	48	Coastal Vulnerability Assessment of Cape Cod National Seashore (CACO) to Sea-Level Rise.
PB2009101313	48	Coastal Vulnerability Assessment of Cape Hatteras National Seashore (CAHA) to Sea-Level Rise.
PB2005109169	47	Coastal Vulnerability Assessment of Channel Islands National Park (CHIS) to Sea-Level Rise.
PB2009101322	47	Coastal Vulnerability Assessment of Cumberland Island National Seashore (CUIS) to Sea-Level Rise.
PB2009101305	48	Coastal Vulnerability Assessment of Dry Tortugas National Park to Sea-Level Rise.
PB2009101324	47	Coastal Vulnerability Assessment of Fire Island National Seashore (FIIS) to Sea-Level Rise.
PB2009101306	48	Coastal Vulnerability Assessment of Gateway National Recreation Area (GATE) to Sea-Level Rise.
PB2009101308	91	Coastal Vulnerability Assessment of Golden Gate National Recreation Area to Sea-Level Rise.
PB2009101325	47	Coastal Vulnerability Assessment of Gulf Islands National Seashore (GUIS) to Sea-Level Rise.
PB2009101788	48	Coastal Vulnerability Assessment of Kaloko-Honokohau National Historical Park to Sea-Level Rise.
PB2009101307	48	Coastal Vulnerability Assessment of National Park of American Samoa (NPSA) to Sea-Level Rise.
PB2009101310	48	Coastal Vulnerability Assessment of Padre Island National Seashore (PAIS) to Sea-Level Rise.
PB2009101804	47	Coastal Vulnerability Assessment of Point Reyes National Seashore to Sea-Level Rise.
PB2011111350	47	Coastal Vulnerability Assessment of the Northern Gulf of Mexico to Sea-Level Rise and Coastal Change.
PB2005110841	47	Coastal Vulnerability Assessment of Virgin Islands National Park (VIIS) to Sea-Level Rise.
PB2009101304	47	Coastal Vulnerability Assessment of War in the Pacific National Historical Park (WAPA) to Sea-Level Rise.
PB2009101263	57	Drowning the North Carolina Coast: Sea-Level Rise and Estuarine Dynamics.
PB95218525	47	Effects of Climate Change and Sea-Level Change on the Coastal Zone.
PB97112106	98	Effects of Sea Level Rise and Climate Change on Groundwater Salinity and Agrohydrology in a Low Coastal Region of the Netherlands.
PB2012112839	47	Effects of Sea-Level Rise and Pumpage Elimination on Saltwater Intrusion in the Hilton Head Island Area, South Carolina, 2004-2104.
ADA277306/7	47	ENSO Forced Variations of the Sea Surface Temperature and Adjusted Sea Level Along the West Coast of the United States.
PB2010102225	48	Future Sea Level Rise Impacts Maryland's Atlantic Coastal Bays.
PB89203665	43	Greenhouse Effect Sea Level Rise and Coastal Wetlands.
PB2012111851	48	Hotspot of Accelerated Sea-level Rise on the Atlantic Coast of North America.
PB91143255	68	Impact of Sea Level Rise on the Dutch Coastal Ecosystems.
PB98116254	55	International Workshop: Planning for Climate Change through Integrated Coastal Management. Held in Taipei on February 24-28, 1997. Volume 1. Summary Report.
PB99114936	47	International Workshop: Planning for Climate Change through Integrated Coastal Management. Volume 2. Country and Regional Reports. Held in Chinese Taipei on February 24-28, 1997.
PB2001104466	48	Maps of Lands Vulnerable to Sea Level Rise: Modeled Elevations along the U.S. Atlantic and Gulf Coasts.
DE98746525	68	Natural Variability and Anthropogenic Change of Storm Related Sea Level Variations Along the North Sea Coast.

Title Index - For NTRL Users - continued

NTIS number	Category	Title
ADA554427	55	Numerical Weather Prediction and Earth System Prediction to Better Understand Sea Level Rise/Coastal Issues as They Affect Readiness.
PB2012112399	68	Our Changing Planet: The U.S. Global Change Research Program for Fiscal Year 2012.
PB2012112033	50	Plan for a Comprehensive National Coastal Program.
PB2012112345	48	Preliminary Investigation of the Effects of Sea-Level Rise on Groundwater Levels in New Haven, Connecticut.
ADA508705	76	Sea Level Rise and Consequences for Navigable Coastal Inlets.
DE98728539	92	Sea Level Variations Along the Latium Coastal Region by Archaeological Indicators
PB86177961	47	Sea-Level Data from the Australian Coastal Experiment: A Data Report.
PB95218517	91	Sea-Level Rise and Coastal Zone Management.
PB87204145	48	Selected Annotated Bibliography: Coastal Resource Management.
PB2012104625	48	Simulated Changes in Salinity in the York and Chickahominy Rivers from Projected Sea-Level Rise in Chesapeake Bay.
PB2011105579	50	Summary of Coastal Program Initiatives that Address Sea Level Rise as a Result of Global Climate Change.
PB2012111849	47	Systematic Review of the Needs and Issues of the U.S. Coastal Resource Management Community. Final Report. A Qualitative Meta Analysis.
PB2012112034	47	Technical Considerations for Use of Geospatial Data in Sea Level Change Mapping and Assessment.
PB2012111848	48	Trends in Resource Management Needs and Issues: a Literature Review.
PB2009105278	91	U.S. Climate Change Science Program. Synthesis and Assessment Product 4.1. Coastal Sensitivity to Sea Level Rise: A Focus on the Mid-Atlantic Region.
PB95218137	47	Vulnerability of Coastal Areas to Sea-Level Rise: Some Global Results.
DE89010297	55	Workshop on Sea Level Rise and Coastal Processes.
PB2008108322	47	Potential for Shoreline Changes due to Sea-Level Rise Along the U.S. Mid-Atlantic Region.
ADA554054	47	Sea-Level Rise Science and Decision Making in an Uncertain Future.
PB2012110604	47	Resilient Coast: Policy Frameworks for Adapting the Wetlands to Climate Change and Growth in Coastal Areas in the U.S. Gulf of Mexico.
PB88147921	48	Projecting Future Sea Level Rise: Methodology, Estimates to the Year 2100, and Research Needs. 2nd Edition, Revised.
PB2010115198	91	Changing Climate and the Coast. Volume 1. Adaptive Responses and Their Economic, Environmental, and Institutional Implications.
PB2010115199	91	Changing Climate and the Coast. Volume 2. Western Africa, the Americas, the Mediterranean Basin, and the Rest of Europe.