



GODDARD SPACE FLIGHT CENTER

[+ Visit NASA.gov](#)

Global Change Master Directory

Discover Earth science data and services

[Links](#) [FAQ](#) [Contact Us](#) [Site Map](#)
[Home](#) [Data Sets](#) [Data Services](#) [Portals](#) [Add to GCMD](#) [What's New](#) [Participate](#) [CEOS IDN](#) [About GCMD](#)

- [Agriculture](#)
- [Atmosphere](#)
- [Biological Classification](#)
- [Biosphere](#)
- [Climate Indicators](#)
- [Cryosphere](#)
- [Human Dimensions](#)
- [Land Surface](#)
- [Oceans](#)
- [Paleoclimate](#)
- [Solid Earth](#)
- [Spectral/Engineering](#)
- [Sun-Earth Interactions](#)
- [Terrestrial Hydrosphere](#)

- [Data Centers](#)
- [Locations](#)
- [Instruments/Sensors](#)
- [Platforms/Sources](#)
- [Projects](#)

- [Display Feature Guide](#)

- [Full text Search](#)

- [Portal Collaborations](#)

- [Help Center](#)

- [Questions?](#)

Record Search Query:

Coastal Vulnerability to Sea-Level Rise: A Preliminary Database for the U.S. Atlantic, Pacific, and Gulf of Mexico Coasts

Entry ID: USGS_DDS-68

[\[Get Data \]](#) [\[Update this Record \]](#)

Summary

Coastal Changes Due to Sea-Level Rise:

One of the most important applied problems in coastal geology today is determining the physical response of the coastline to sea-level rise. Predicting shoreline retreat, beach loss, cliff retreat, and land loss rates is critical to planning coastal zone management strategies and assessing biological impacts due to ... [Click to View Full Summary](#)

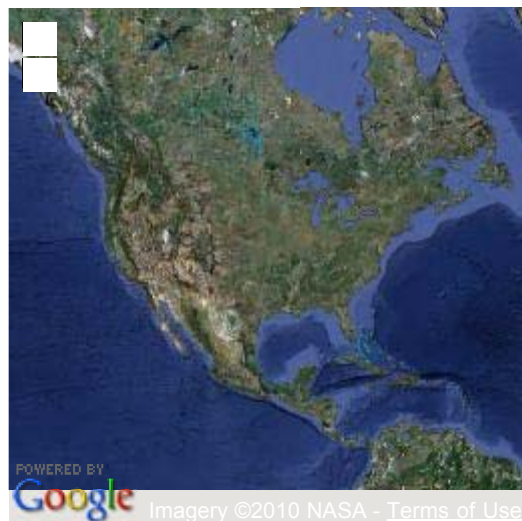
Related URL

Link: [GET DATA](#)Link: [GET DATA](#)Link: [GET DATA](#)

Description: GIS data files for the Coastal Vulnerability to Sea-Level Rise: A Preliminary Database for the U.S. Atlantic, Pacific, and Gulf of Mexico Coasts.

[Click to view more](#)

Geographic Coverage


Spatial coordinates [Click to view more](#)

Data Set Citation

Dataset Creator: Erika S. Hammar-Klose and E. Robert Thieler

Dataset Title: Coastal Vulnerability to Sea-Level Rise: A Preliminary Database for the U.S. Atlantic,



[CONTINENT > NORTH AMERICA > UNITED STATES OF AMERICA > U.S. ATLANTIC COAST](#)
[CONTINENT > NORTH AMERICA > UNITED STATES OF AMERICA > PACIFIC COAST](#)
[CONTINENT > NORTH AMERICA > UNITED STATES OF AMERICA > GULF OF MEXICO COAST](#)

Science Keywords

[HUMAN DIMENSIONS > ENVIRONMENTAL IMPACTS > ENVIRONMENTAL ASSESSMENTS > COASTAL VULNERABILITY](#) ⓘ
[OCEANS > COASTAL PROCESSES > BARRIER ISLANDS](#) ⓘ

▶ [Click to view more](#)

ISO Topic Category

[BIOTA](#)
[ENVIRONMENT](#)
[OCEANS](#)
[ELEVATION](#)

Platform

[FIELD INVESTIGATION](#) ⓘ

Quality

Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, expressed or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed in this report, or represents that its use would not infringe privately owned rights. Reference therein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof.

Ancillary Keywords

[GIS](#)
[Geographic Information Systems](#)
▶ [Click to view more](#)

Data Set Progress

COMPLETE

Originating Center

[USGS](#)

Data Center

[Digital Data Series. Publications Warehouse. Eastern Region. Publications. U.S. Geological Survey. U.S. Department of the Interior](#) [description](#)

Data Center URL: <http://pubs.usgs.gov/products/books/digital.html>

Data Center Personnel

Name: [PETER N. SCHWEITZER](#)

Phone: (703) 648-6533

Fax: (703) 648-6252

Email: pschweitzer at usgs.gov

Contact Address:

Mail Stop 954 National Center
U.S. Geological Survey
12201 Sunrise Valley Drive

City: Reston

Province or State: VA

Postal Code: 20192

Country: USA

[Click to view more](#)

Distribution

Distribution Media: Online

Distribution Format: Shapefiles, Arc/Info export files

Fees: No fees

Distribution Media: CD-ROM

Distribution Format: Shapefiles, Arc/Info export files

Personnel

[TYLER B. STEVENS](#)

Role: DIF AUTHOR

Phone: (301) 614-6898

Fax: 301-614-5268

Email: Tyler.B.Stevens at nasa.gov

Contact Address:

NASA Goddard Space Flight Center
Global Change Master Directory

City: Greenbelt

Province or State: MD

Postal Code: 20771

Country: USA

[Click to view more](#)

Publications/References

Douglas, B.C., 1997, Global sea rise; a redetermination. Surveys in Geophysics, v.18, p. 279-292.

IPCC, 1995, IPCC Second Assessment - Climate Change 1995: A Report of the Intergovernmental Panel on Climate Change, IPCC, Geneva, Switzerland, 64 p.

Klein, R, and Nicholls, R, 1999, Assessment of Coastal Vulnerability to Climate Change. Ambio, 28 ... [Click to view more](#)

Creation and Review Dates

DIF Creation Date: 2005-07-20

Last DIF Revision Date: 2005-07-20



[Reformat as FGDC document](#)

▣ [View Text Only Format](#)

[[Get Data](#)] [[Update this Record](#)]



+ [Privacy Policy and Important Notices](#)



Webmaster: Monica Holland
Responsible NASA Official: Lola Olsen
Last Updated: October 2010