**Title:** Copyright and DisclaimerThe State of South Carolina owns the copyright to the Code of Laws of South Carolina, 1976, as contained herein. Any use of the text, section headings, or catchlines of the 1976 Code is subject to the terms of federal copyright and other applicable laws and such text, section headings, or catchlines may not be reproduced in whole o Do Coastal Ecosystems Mitigate Storm Surges and Tsunamis

**Statement of Problem:** Governments worldwide have recently embarked on many expensive restoration projects involving barrier islands, coastal marshes and mangrove forests following catastrophic disturbance A commonly-held perception among the general public, policy-makers, and sr in part in any form or for inclusion in any material which is offered for sale or lease without the express written permission of the Chairman of the South Carolina Legislative Council or the Code Commissioner of South Carolina.This statutory database is current through the 2001 Regular Session and the 2001 Extra Session of the South Carolina General Assome scientists is that coastal ecosystems provide significant measurable protection to human habitation during extreme storms and tsunamis. Restoration activities have been particularly intensive after the December 2004 tsunami in the Indian Ocean and the 2005 hurricane season in the Gulf of Mexico. Yet, embly. Changes to the statutes enacted by the 2002 General Assembly, which will convene in January 2002, will be incorporated as soon as possible. Some changes enacted by the 2002 General Assembly may take immediate effect. The State of South Carolina and the South Carolina Legislative Council make no warranty as to the accuracy of the data, and users rthe scientific evidence is equivocal. Field observations and some modeling studies cast doubt on these widely held beliefs. The scientific question can be cast in terms of the interactions between coastal ecosystems and extreme events. Firstly, how are coastal ecosystems impacted by extreme events? And secondly, do coastal ecosystems mitigate the extreme event, that is, under what conditions do they afford some form of protection, and if so, how much?

**Objectives:** First, thoroughly ely on the data entirely at their own risk.The Legislative Council by law is charged with compiling and publishing the 1976 Code and it is maintained in a database which may be accessed for commercial purposes by contacting the Legislative Council or the office of Legislative Printing, Information and Technology Systems.CHAPTER 15. DWELLINGS UNFIT FOR HUMAreview the literature concerning the role of coastal ecosystems in mitigating damage to build a publicly accessible coN HABITATIONARTICLE 1. IN MUNICIPALITIES OF OVER 1,000SECTION 311510. Definitions. The following terms whenever used or referred to in this article shall have the following respective meanings for the purposes of this article, unless a different meaning clearly appears from the context: (1) “Municipality” shall mean any city or town regardless of populatiomprehensive database of actual observations that can be used for analyn; (2) “Governing body” shall mean the council or other legislative body charged with governing a municipality; (3) “Public officer” shall mean the officer or officers who are authorized by ordinances adopted hereunder to exercise the powers prescribed by such ordinances and by this article; (4) “Public authority” shall mean any housing authority or any ofses. This literature review will also provide insights intoficer who is in charge of any department or branch of the government of the municipality or State relating to health, fire or building regulations or to other activities concerning dwellings in the municipality; (5) “Owner” shall mean the holder of the title in fee simple and every mortgagee of record; (6) “Parties in interest” shall mean all individuals, how these perceptions came about and how they have been propagated. Second, bring physical and biological scientists in a major workshop to address this topic. Many hydrodynamic models exist concerning tsunami propagation through mangroves. However these models are badly miscalibrated in how they represent the forests. Similar situations exist for other types of coastal ecosystems. Third, disseminate the results and recommendations to the public-policy makers and appropriate government entities to ensure the recommendations are included in the planning process.

**Relevance and Impact:** The cost of restoring coastal ecosystems and communities is huge. Restoration must be based on sound science and the general public and decision makers must understand their options.

**Partnerships:** A number of scientists from all disciplines in USGS have expertise pertinent to this project. Federal partners include the National Park Sassociations, corporations and others who have interests of record in a dwelling and any who are in possession thereof; and (7) “Dwelling” shall mean any building or structure, or part thereof, used and occupied for human habitation or intended to be so used and includes any outhouses and appurtenances belonging thereto or usually enjoyed therewith. SECTIervice and Fish and Wildlife Service, both of which have coastal units along all US coastlines. The US Army Corps of Engineers would be extremely interested in the results.