Contributions from the Zoological Laboratory of the Museum of Comparative Zoology at Harvard College Volume 281-306

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 90 pages. Original publisher: Silver Spring, MD : U. S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, 2008 OCLC Number: (OCoLC)298111483 Subject: Estuaries -- Atlantic Coast (U. S.). Excerpt: . . . Stressor Exposure Response Human Population Physical-Chemical Living Resources Density Environment Reduced Shrimp Abundance Altered Hydrography Altered Land Cover Change in Salinity Few Stress-Sensitive Taxa Increased Impervious Cover Altered Sediment Altered Food Webs Characteristics Increased Runoff Increased Chemical Shellfish Bed Closures Contaminants Increased Bacterial Load 20-30 Impervious 10-20 Impervious Cover Cover Figure 1. Conceptual model developed by Holland et al. (2004) identifying linkages between development of the upland and the ecological response of South Carolina tidal creeks. Ranges of impervious cover percent denoting transition from one model phase to the next are shown at the bottom of the model. The overall goals of the sentinel habitat study were: 1) to evaluate the applicability of the current tidal creek classification framework and conceptual model linking urban and suburban growth to tidal creek ecological condition and potential impacts on ecosystem function, including human health and well-being, in the southeast region through...

Reviews