

Shoreline Managers Toolkit

Shoreline Situation Reports – Results of field inventories including land use, bank and erosion conditions, existing erosion control structures, piers & boat ramps on a county-by-county basis. http://ccrm.vims.edu/shoreline_situation_rpts.html

Shoreline Manager's Assessment Kit (SMAK) – SMAK is an interactive tool using GIS shoreline and land use features to assist with shoreline management decision-making. http://ccrm.vims.edu/SMAK_intro.html

Wetlands Mitigation-Restoration Targeting Tool – Assists with the selection of appropriate sites for wetland creation and compensation. http://ccrm.vims.edu/wet_target/index.html

Marina Siting Suitability – Includes GIS data, government specifications and scientific information to identify appropriate sites for future marinas. <http://ccrm.vims.edu/marinasiting.html>

VIMS Shoreline Permit Application Reports – Recent & archived permit application documents, site photographs and VIMS reports. <http://www.vims.edu/ccrm/wetlands/newpermits.html>

Shoreline Managers Resources – Publications related to management of wetlands and coastal shorelines. http://www.ccrm.vims.edu/shoreline_mgt_resources.html

York Watershed Tidal Wetlands Viewer – Baseline data for identifying wetland restoration opportunities, evaluating appropriate mitigation ratios, and determining cumulative impacts within the York River watershed. http://ccrm.vims.edu/disclaimer_Yorktidalwetlands.htm

James River & York River Map Gallery - This website was developed to increase distribution of mapped products originally released between 1992 & 1999 with a very limited distribution. <http://ccrm.vims.edu/gallery.html>

Sea Level Rise – Information collected by the Consortium for Atlantic Regional Assessment (CARA) on climate change and sea level trends, plus case studies for Hampton Roads. http://ccrm.vims.edu/cara_web/index1.htm

Wetlands Data Viewer – Allows users to obtain National Wetland Inventory (NWI) statistics for any hydrologic unit in Virginia. http://www.ccrm.vims.edu/disclaimer_wetlandsdataviewer.html

The Center for Coastal Resources Management (CCRM) exists to provide objective policy guidance and to support informed management of coastal resources in Virginia and the greater mid-Atlantic region. CCRM primarily serves agencies at all levels of government, as well as the general citizenry of the Commonwealth.

In fulfilling its mission, CCRM engages in applied research and outreach education across many disciplines. The goal is to make integrated resource management a practical reality by providing advice from an ecosystem perspective. CCRM strives to be responsive to the needs of managers and proactive in guidance for policy makers.



The Center manages its diverse activities under three broad programs:

The Wetlands Program supports informed management of tidal and nontidal wetland and riparian resources. The program inventories and monitors these resources, conducts applied research on natural and managed systems, provides direct advice to relevant regulatory programs, and offers training for managers in a variety of formats.



The Comprehensive Coastal Inventory Program monitors and analyzes shoreline condition. The program develops and maintains geographic databases, creates and implements analytical tools, and supports various management applications with expertise in geographic information system (GIS) and remote sensing.



The Coastal Watersheds Program develops proactive policy and management guidance for coastal systems. The program is multidisciplinary, utilizing both natural and social sciences to develop integrated approaches to emerging management issues.

