

Sea Level Rise Action Committee Vulnerability Assessment  
Natural Resources Workgroup

DRAFT TABLE OF CONTENTS  
for  
NATURAL RESOURCES CHAPTER OF VULNERABILITY ASSESSMENT

I. INTRODUCTION

- a. SLR & Natural Resources
  - i. Basic info on sea level rise and relationship to natural resources
- b. Workgroup Process & Members
  - i. Basic info on workgroup process and workgroup members
- c. Unavailable Data
  - i. Data we wanted but was not available

*The following sections indicate large topic area, with the data available to assess each listed below each topic. A template has been developed for use in drafting each section.*

I. WATER RESOURCES

- a. Salinity Changes **Chris Somerfield/Hillary Stevens**
  - i. Inferred head of tide layer-DCP estimates
  - ii. Shellfish maps???
  - iii. Fisheries spawning data???
- b. Groundwater Effects **Sarah Cooksey/Kelly Valencik**
  - i. Recharge areas
  - ii. Undeveloped recharge areas
  - iii. Municipal well data/wellhead protection areas
  - iv. Private well data (???)

II. WETLANDS

- a. Tidal **Chris Bason/Jennifer Adkins**
  - i. Freshwater Tidal
  - ii. Saltwater Tidal
- b. Non-tidal
  - i. Emergent **Robin Tyler**
  - ii. Shrub **Robin Tyler**
  - iii. Forested **Mike Stroeh**

III. HABITAT IMPACTS

- a. Key Wildlife Habitats **Heritage group**
  - i. DNHP (Heritage) data layers

- b. Beaches **Heritage group**
    - i. Beach and dune Heritage layer
  - c. Natural Areas **Tricia Arndt/Eileen Butler**
    - i. 2006 Natural Areas inventory
  - d. Vegetation **Bill McAvoy**
    - i. State rare
    - ii. Globally rare
    - iii. Federally listed
- IV. AGRICULTURE **Pam Thornburg/Morgan Ellis**
- a. Land Use Land Cover
    - i. LULC data for agriculture which includes fields, truck crops, CAFO and open pasture.
  - b. High Productivity
    - i. Areas of high productivity based on soils data.
  - c. Preservation & Conservation
    - i. Agricultural land preservation districts and agricultural conservation easements
- V. PROTECTED LANDS
- a. Conservation easements **Brenna Goggin/ Roger Jones**
    - i. DNREC Parks conservation easement layer
  - b. Nature Preserves **Trish Arndt/Eileen Butler**
    - i. DNREC Parks nature preserve layer
  - c. Wildlife Refuges **Susan Guiteras**
    - i. Prime Hook and Bombay Hook NWR
  - d. State Parks
    - i. DNREC Parks layer