Sea Level Rise in Virginia

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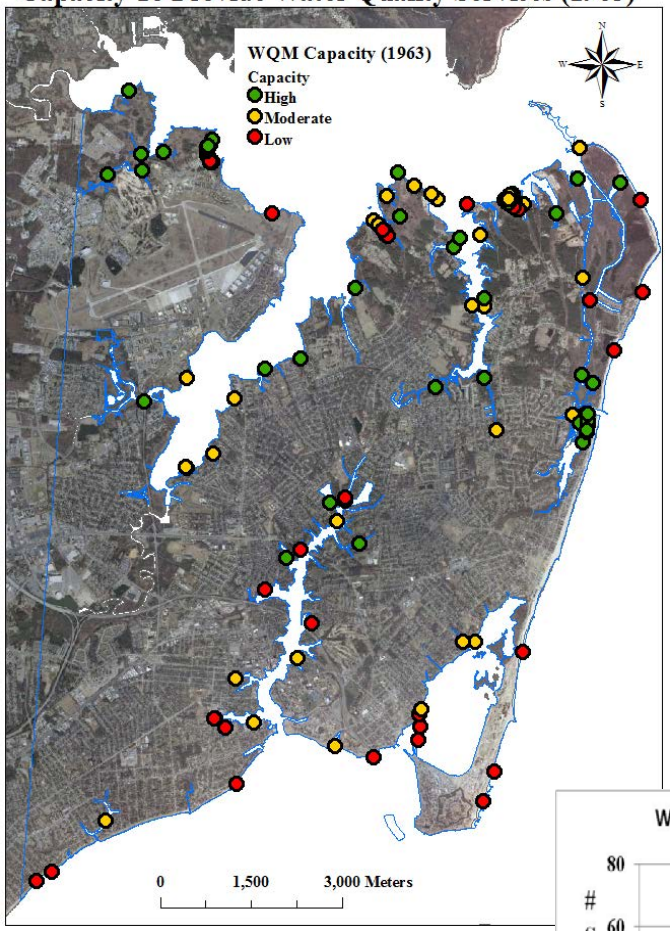
mesohaline
polyhaline

marsh migration into upland

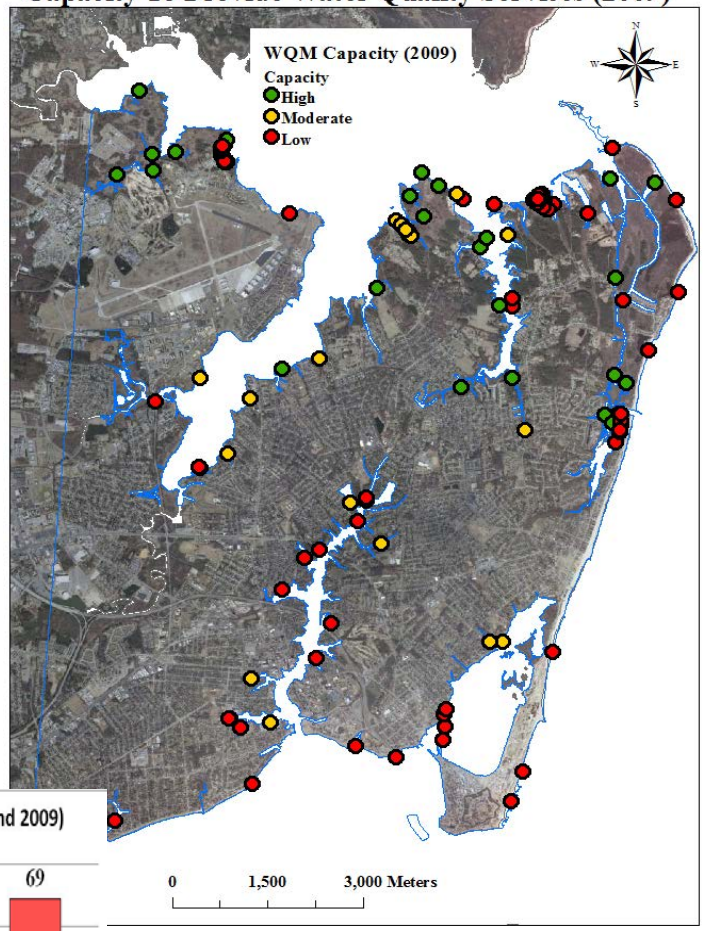
V. Chapter 1:Results

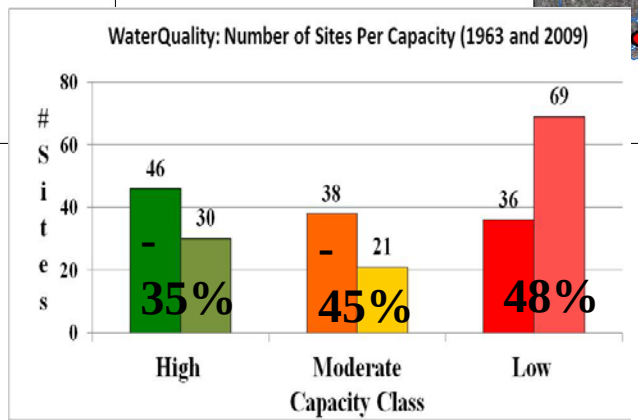
Temporal Variation in Potential Capacity for Water Quality Services: Hampton

Capacity To Provide Water Quality Services (1963)



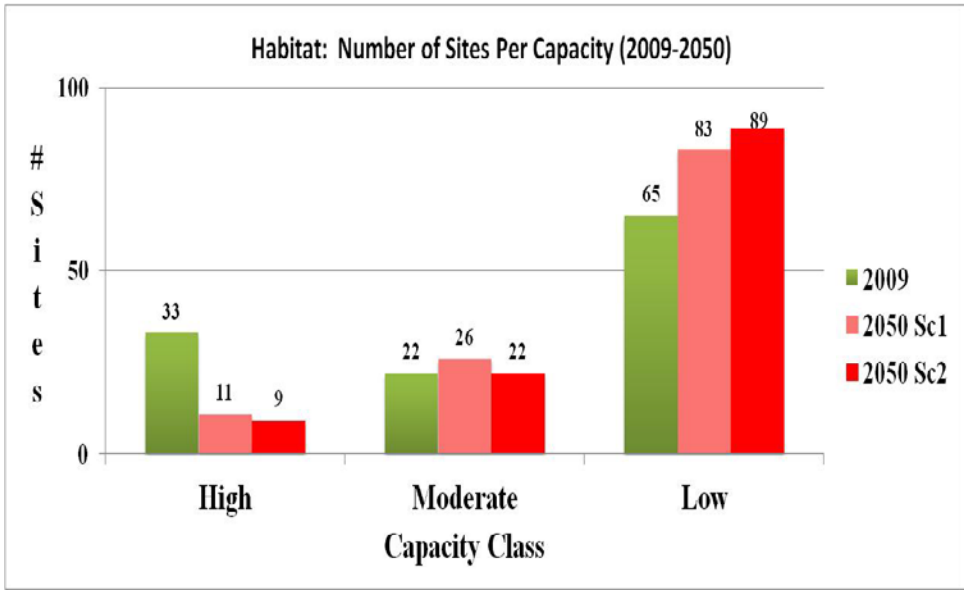
Capacity To Provide Water Quality Services (2009)

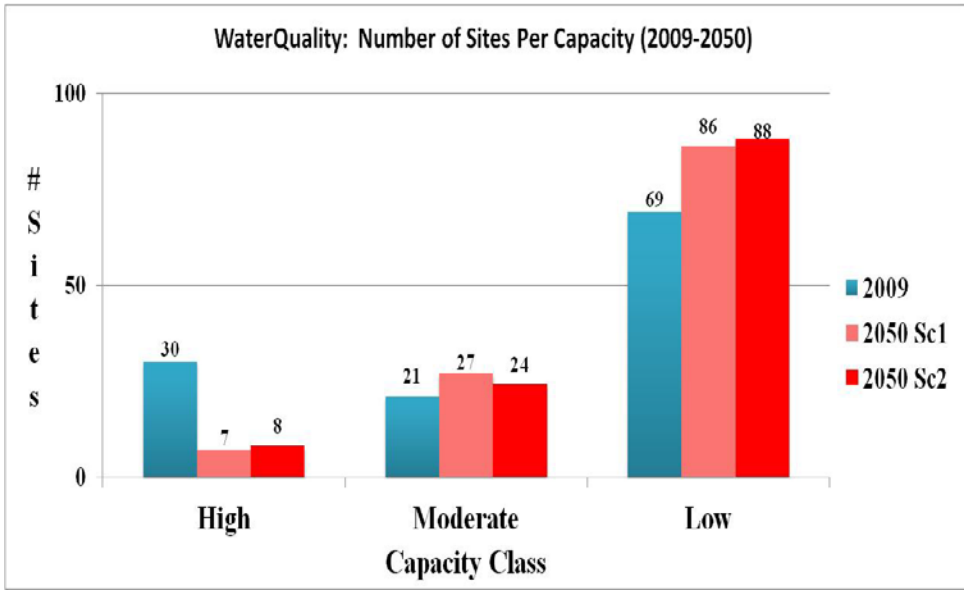




VII. Chapter 1:Results

Temporal Variation in Capacity by 2050: Hampton

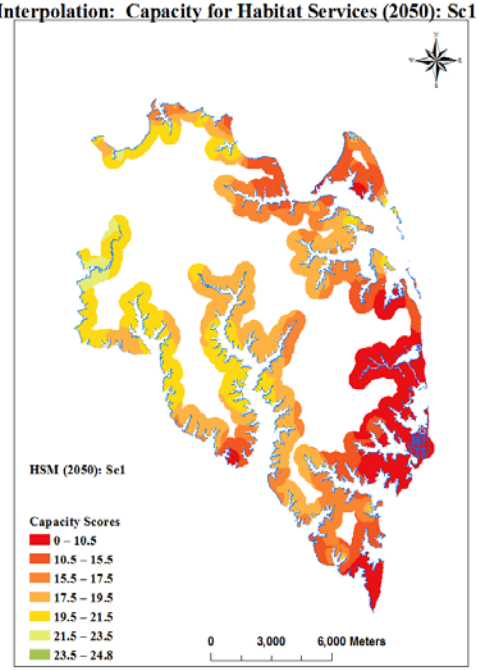




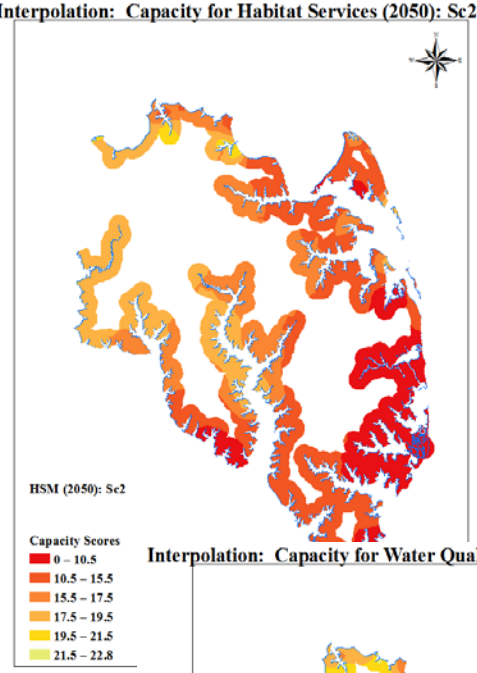
VII. Chapter 3:Results

Spatial Variation in Capacity by 2050: Mathews

Interpolation: Capacity for Habitat Services (2050): Sc1

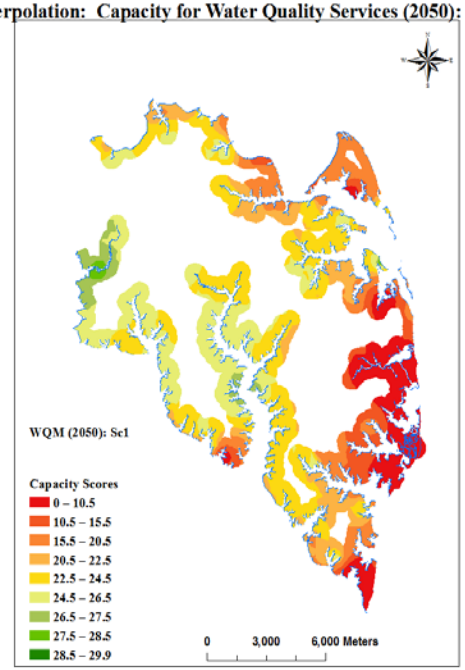


Interpolation: Capacity for Habitat Services (2050): Sc2

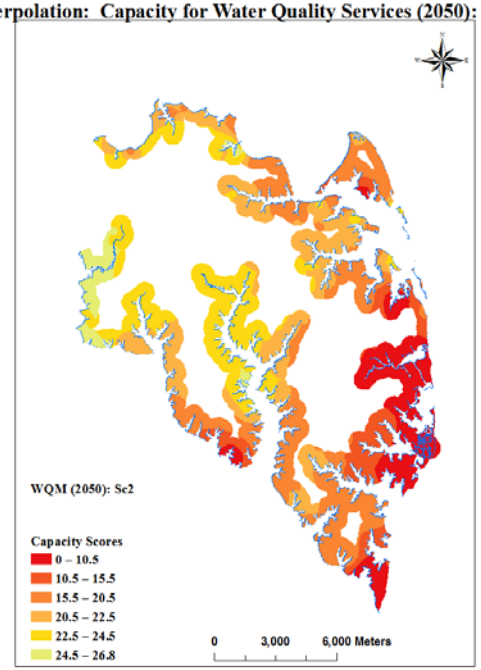


WQM

Interpolation: Capacity for Water Quality Services (2050): Sc1



Interpolation: Capacity for Water Quality Services (2050): Sc2



living shoreline with gapped sill

VIMS living shoreline
installed 1984

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