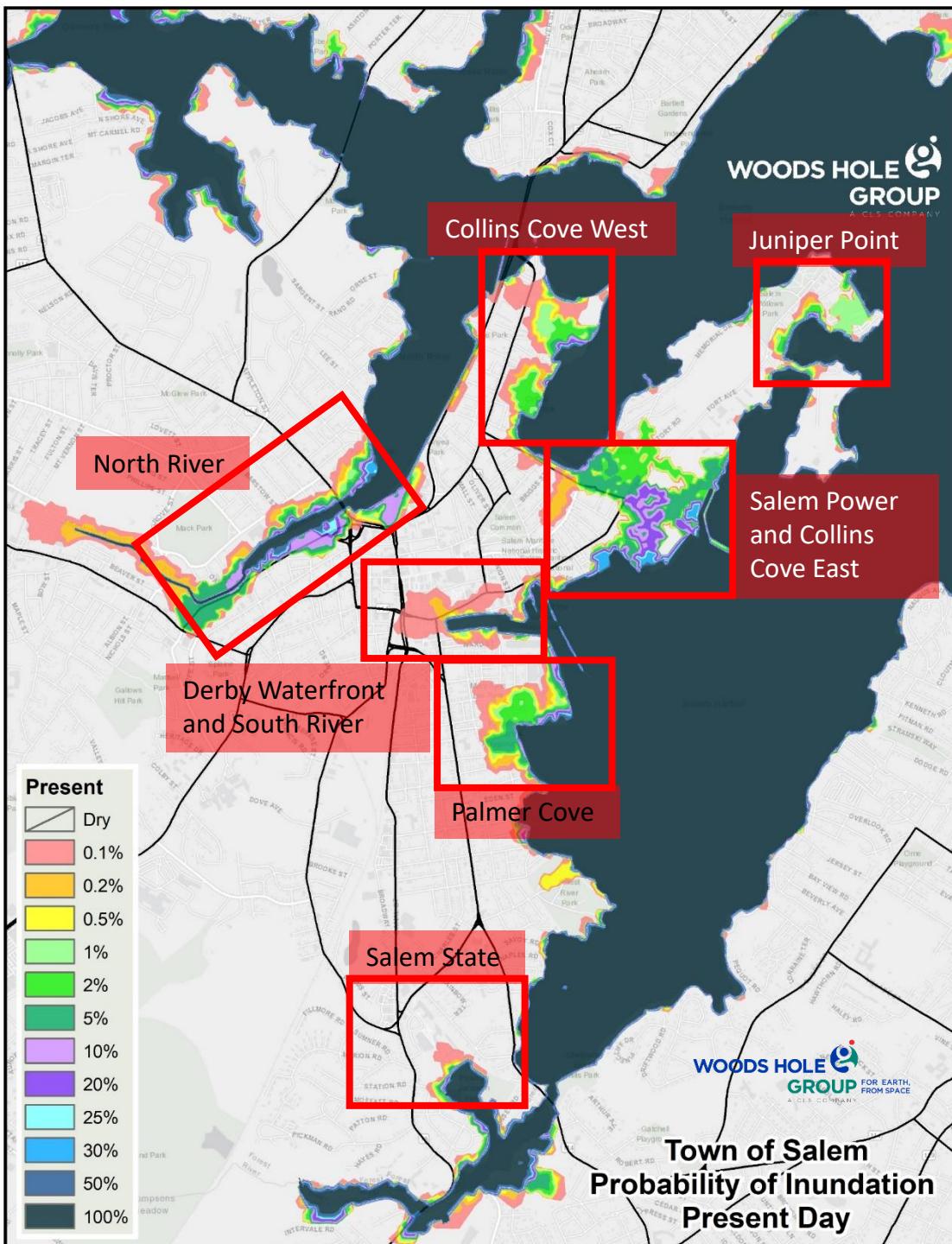


## Mapping Future Flood Risk and Prioritizing Coastal Resilience for Salem MA

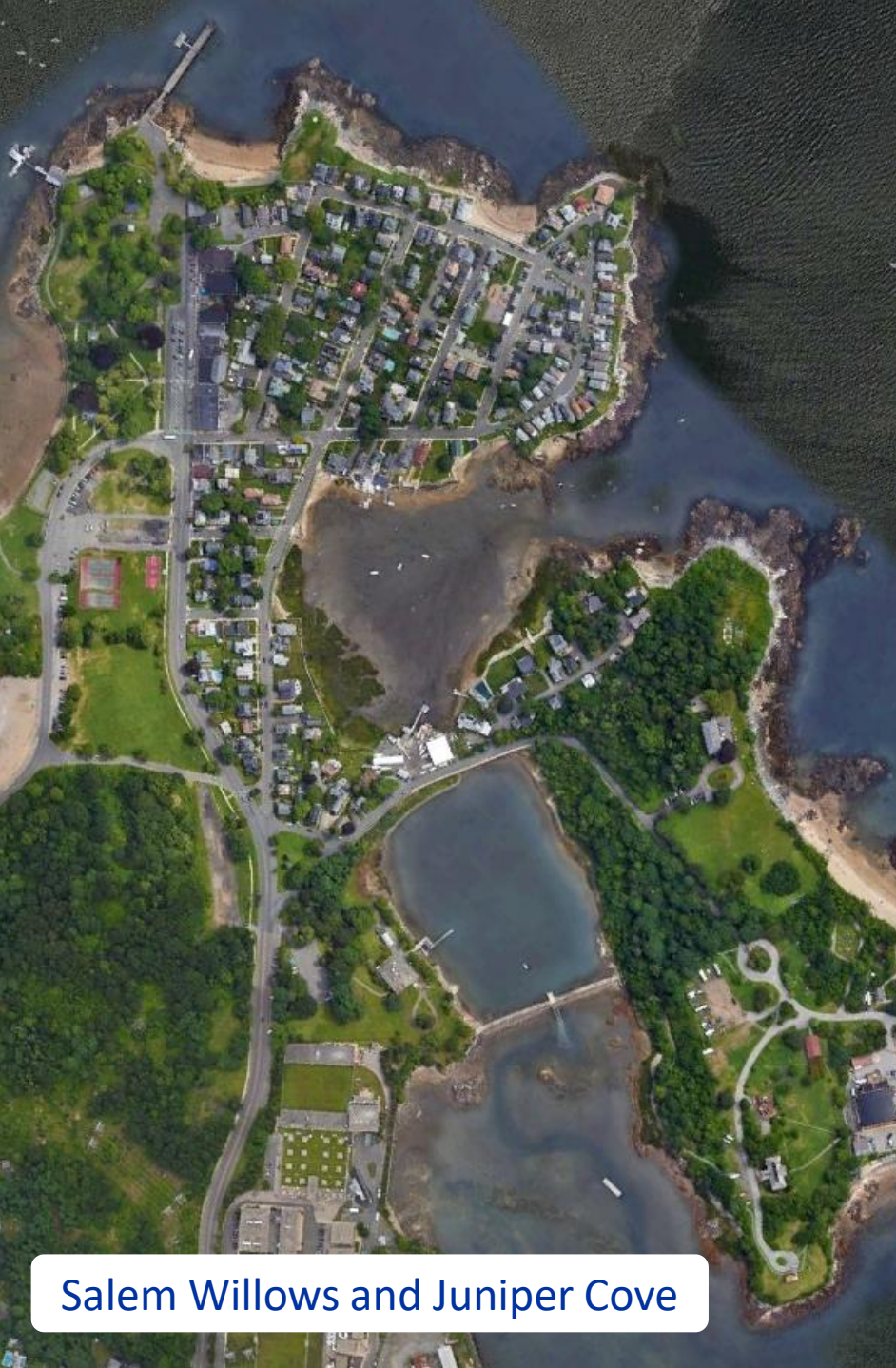


Kirk F. Bosma, P.E.  
kbosma@woodsholegroup.com





# Coastal Flood Exceedance Probability Map for Salem MA – Present Day



Salem Willows and Juniper Cove

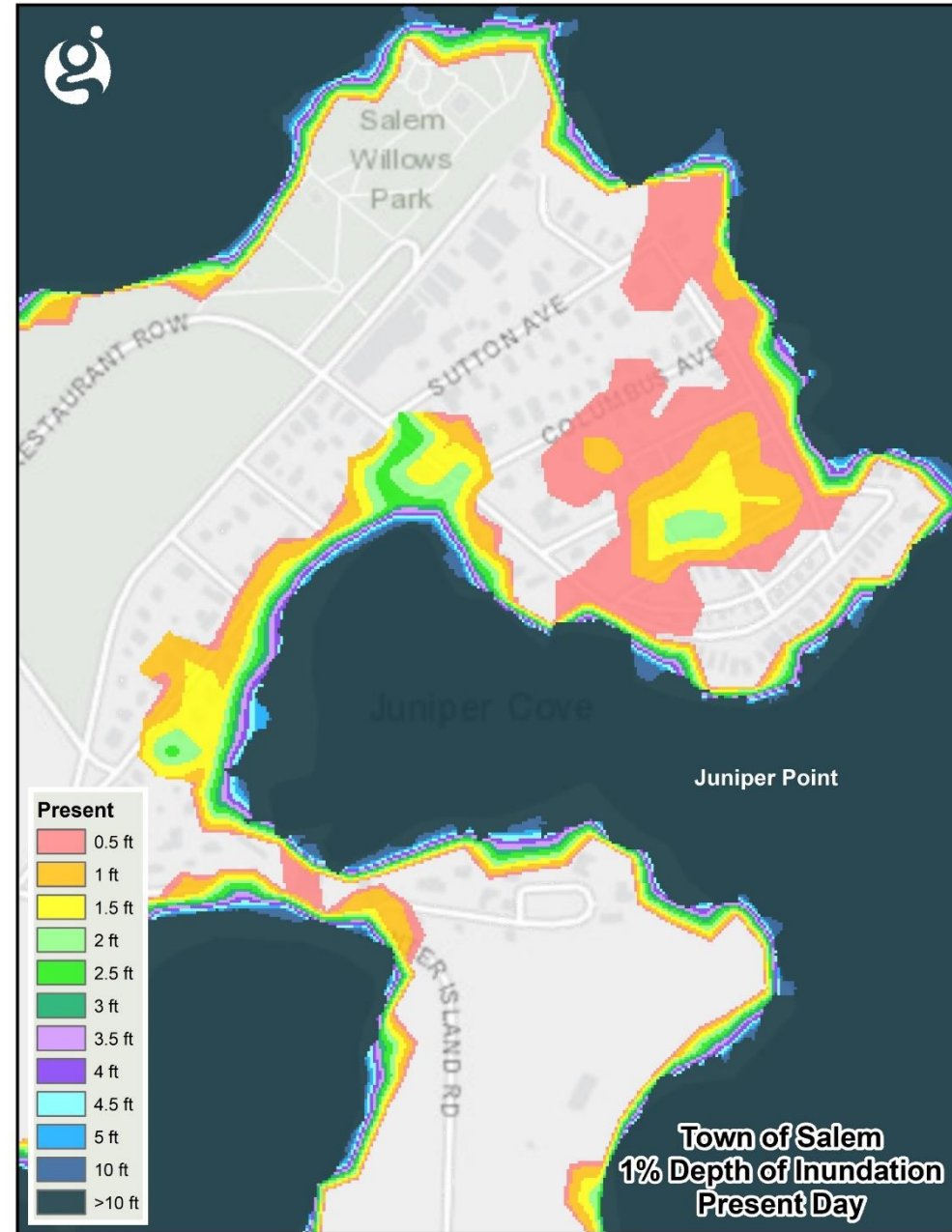
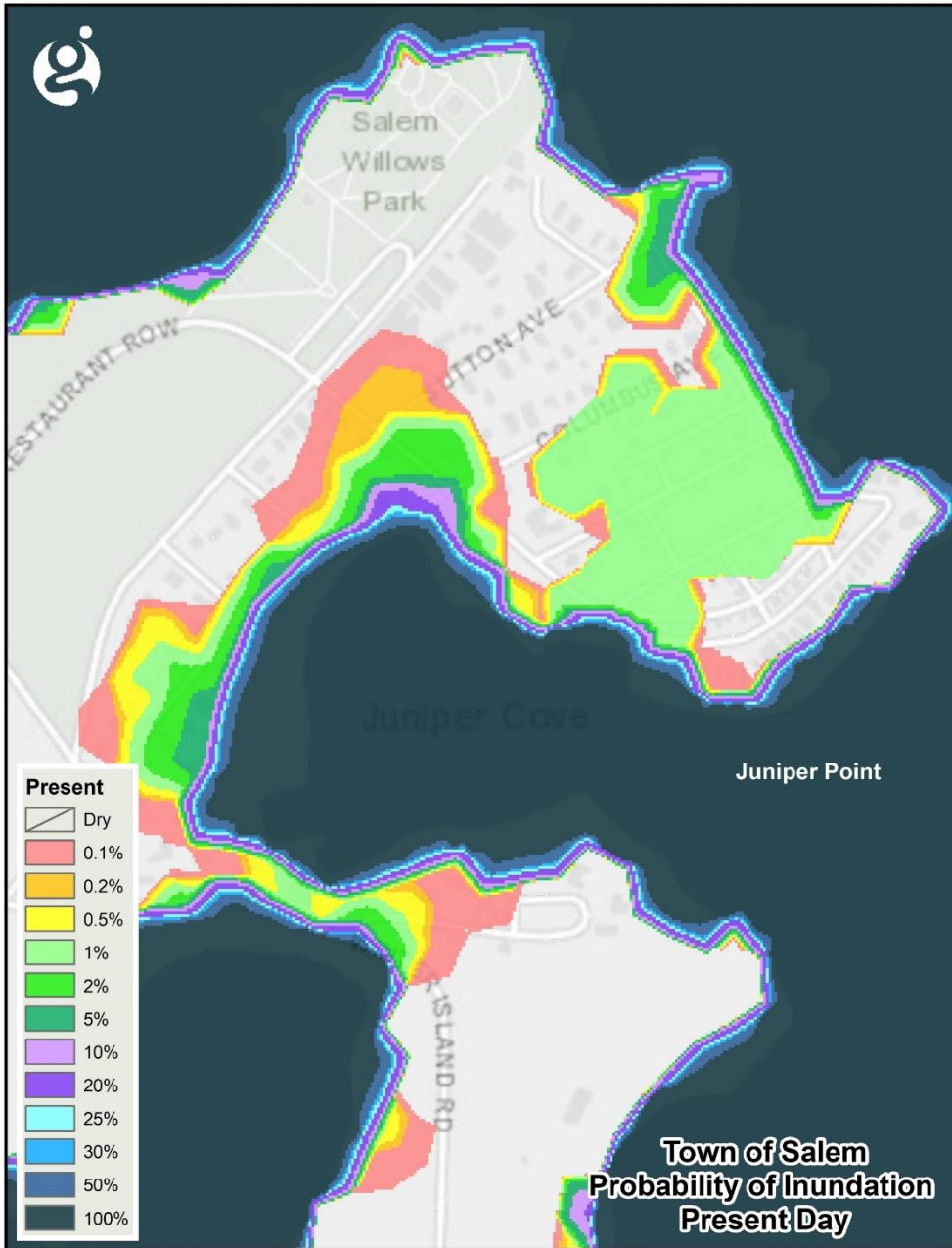
The following slides focus on the increasing flooding risk from sea level rise and increased storms at Salem Willows. To view the full recorded presentation, go to [www.salemsound.org](http://www.salemsound.org)

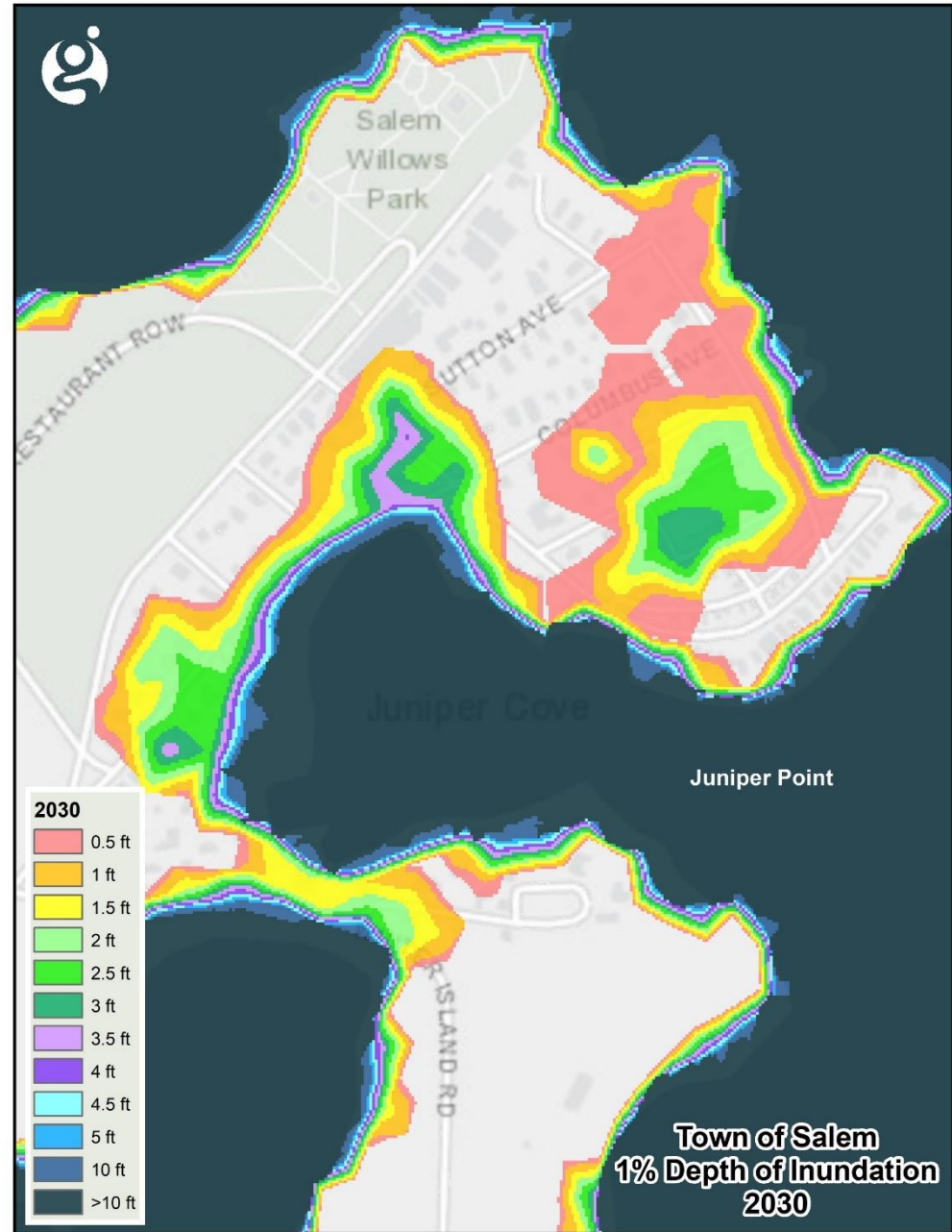
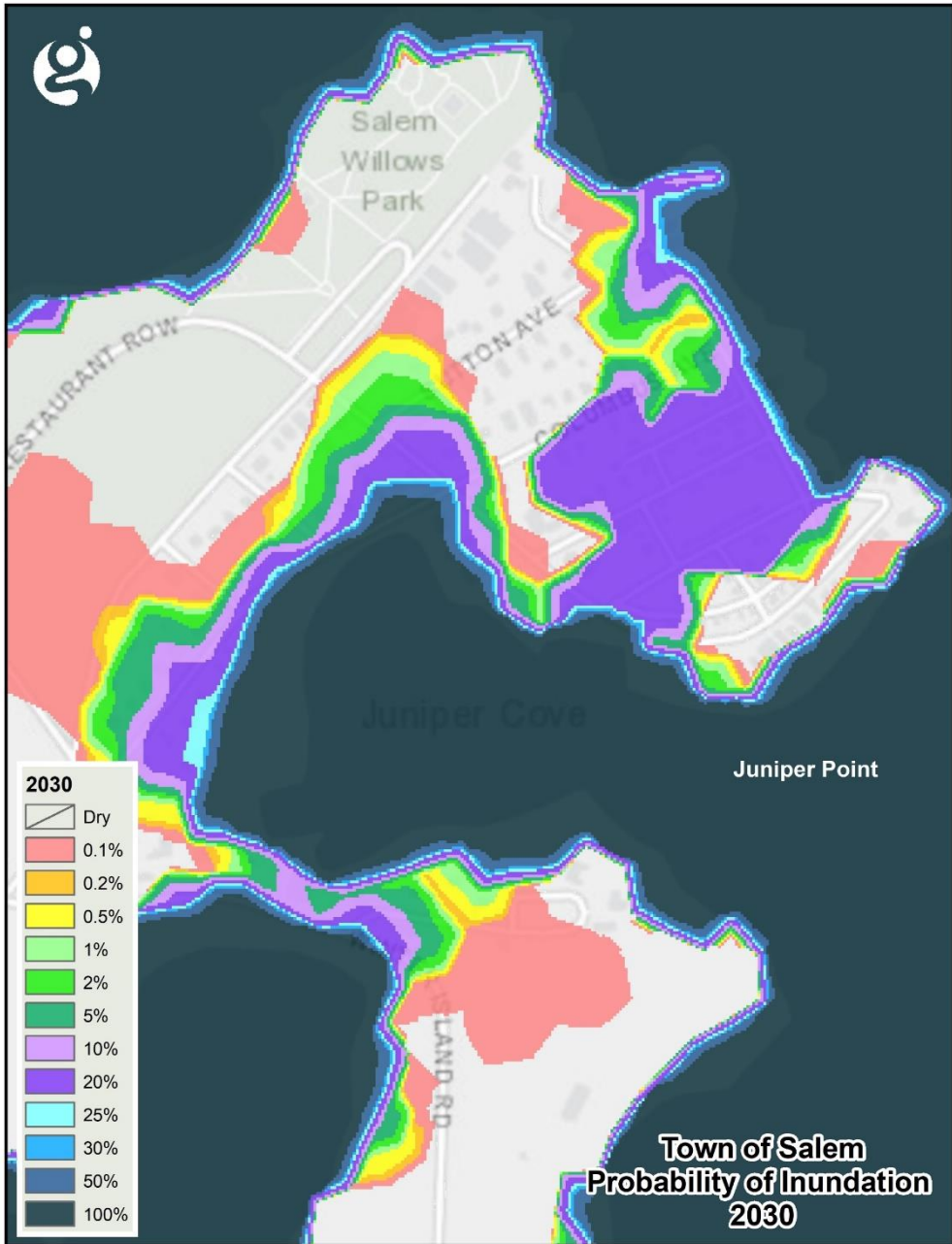


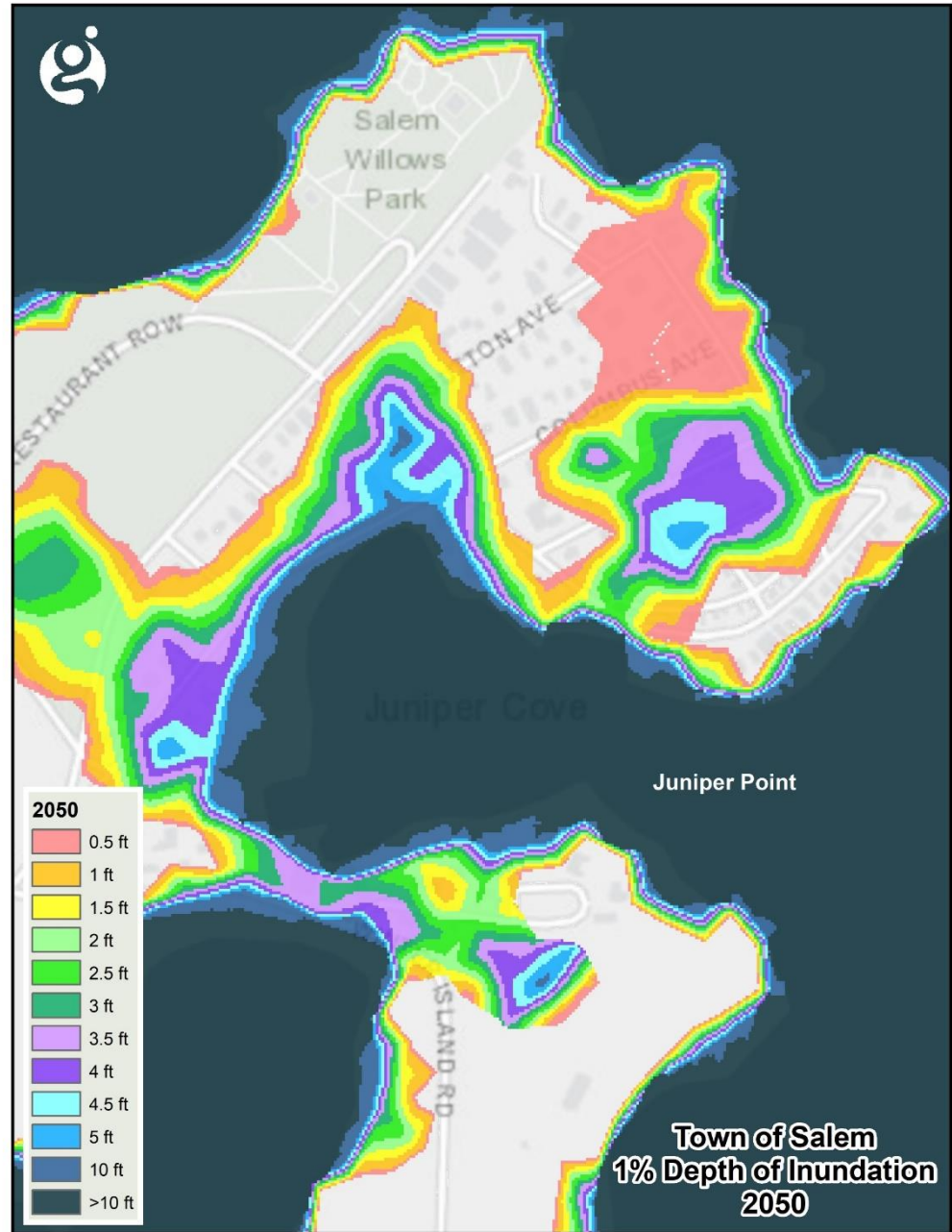
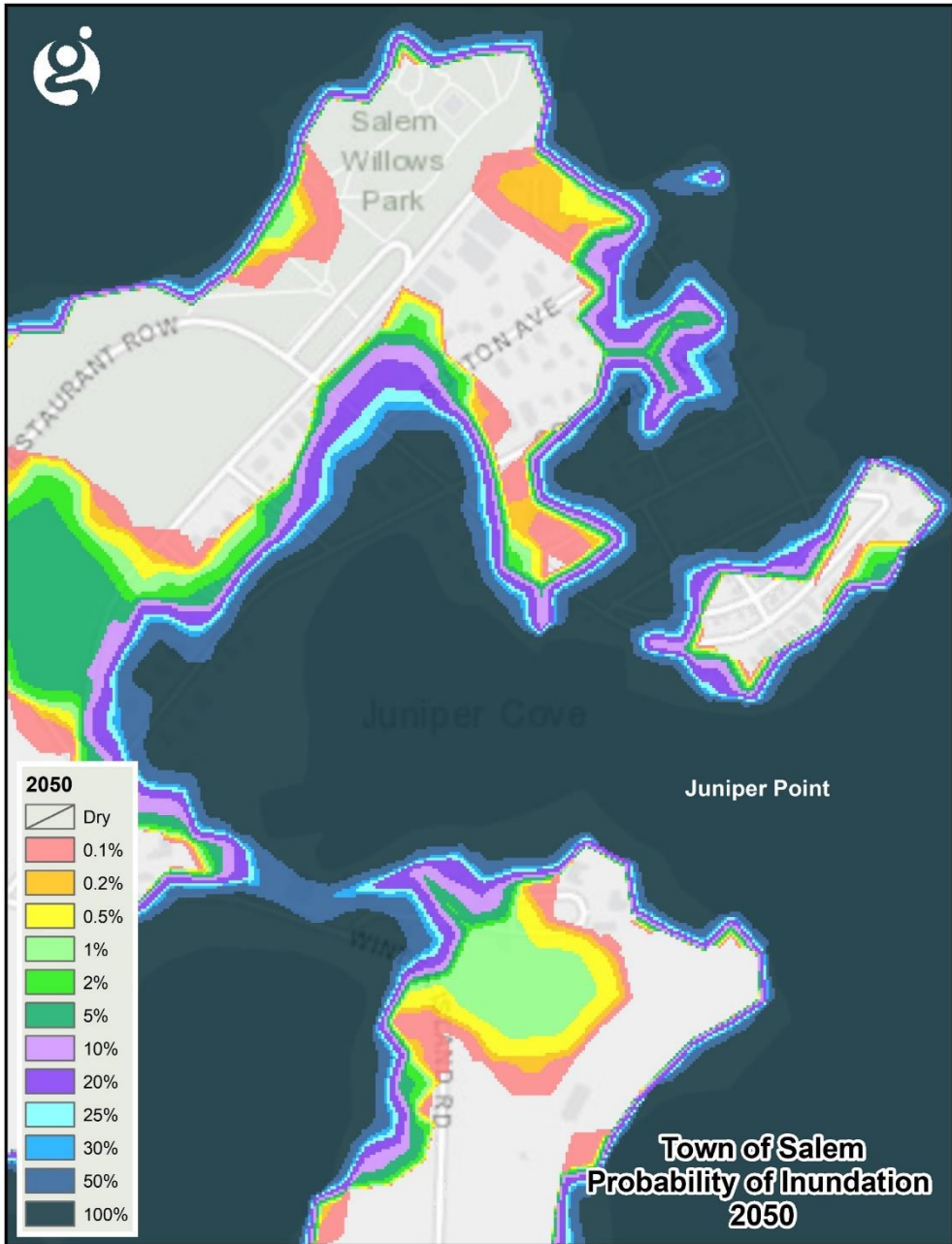
Juniper Beach – Storm Riley

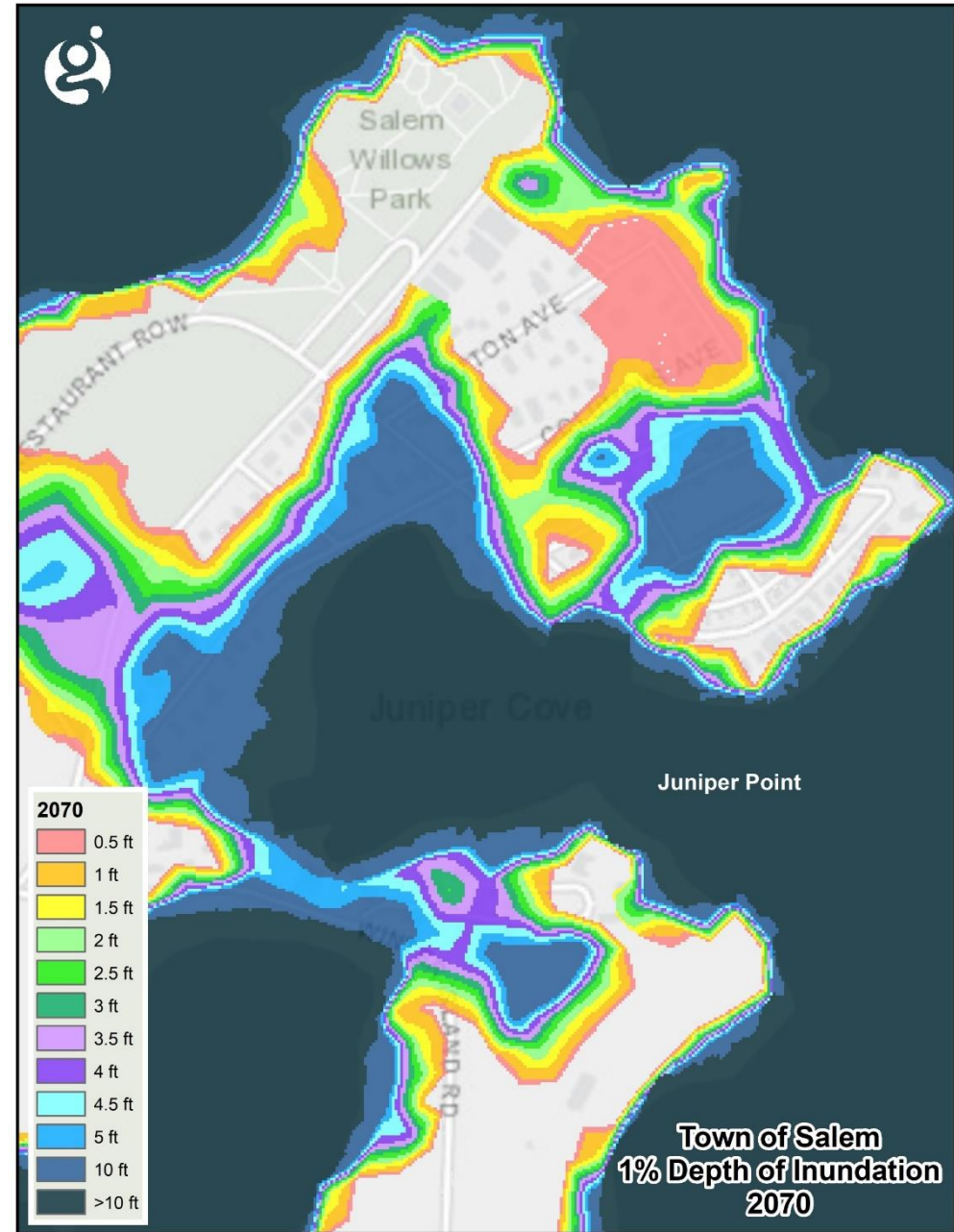
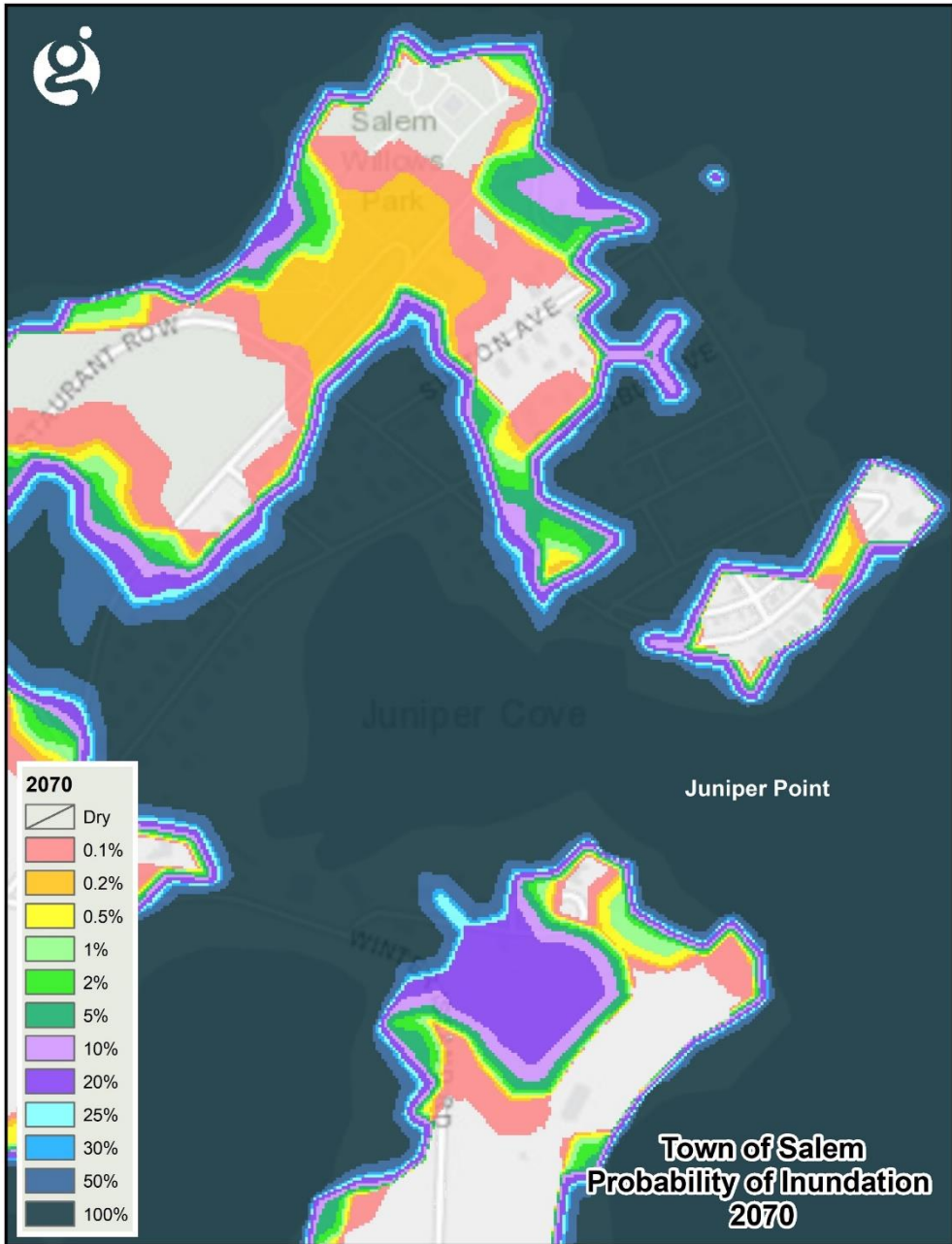


Columbus Ave. – Storm Riley

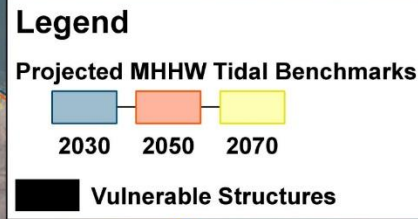




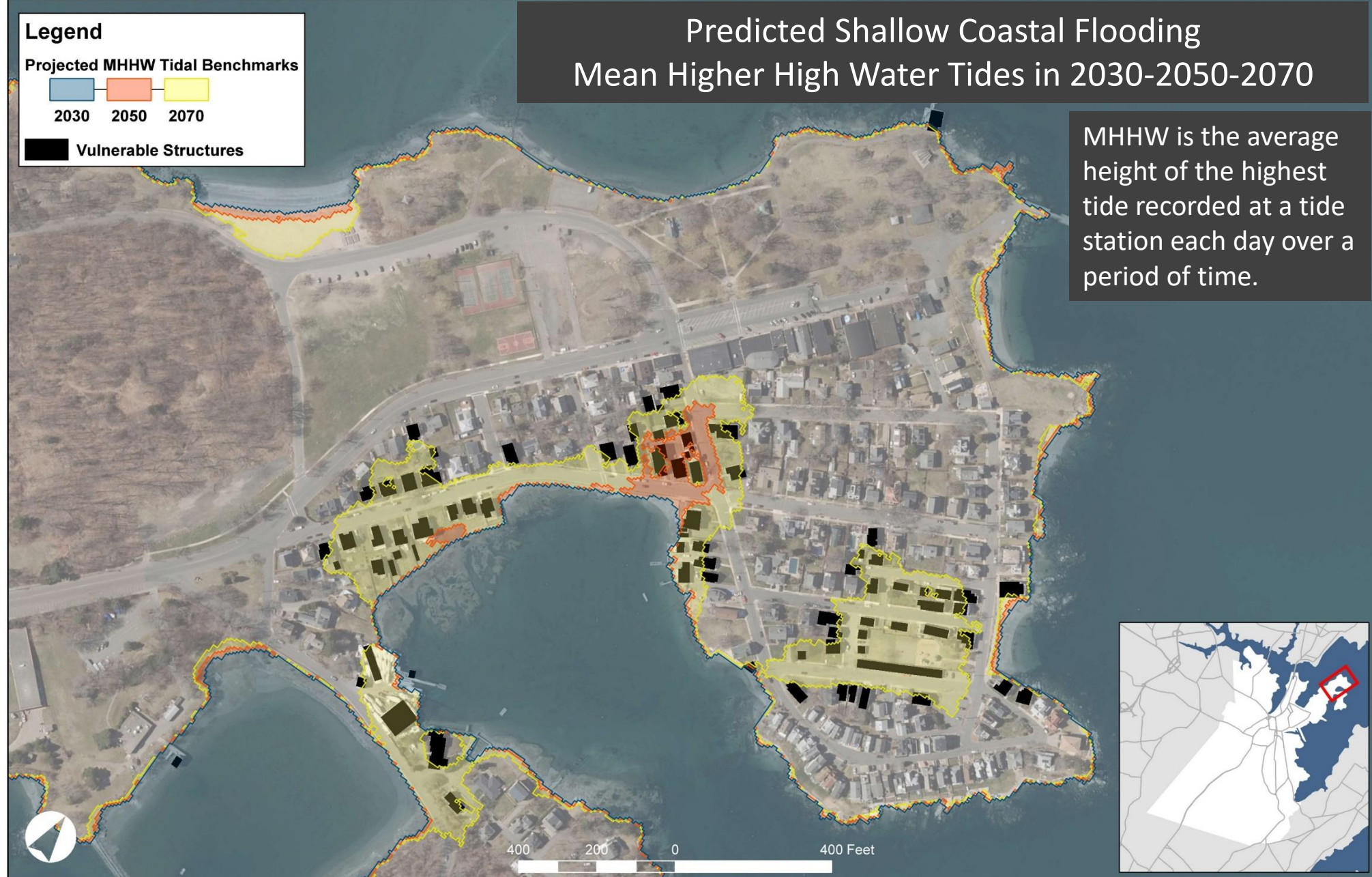




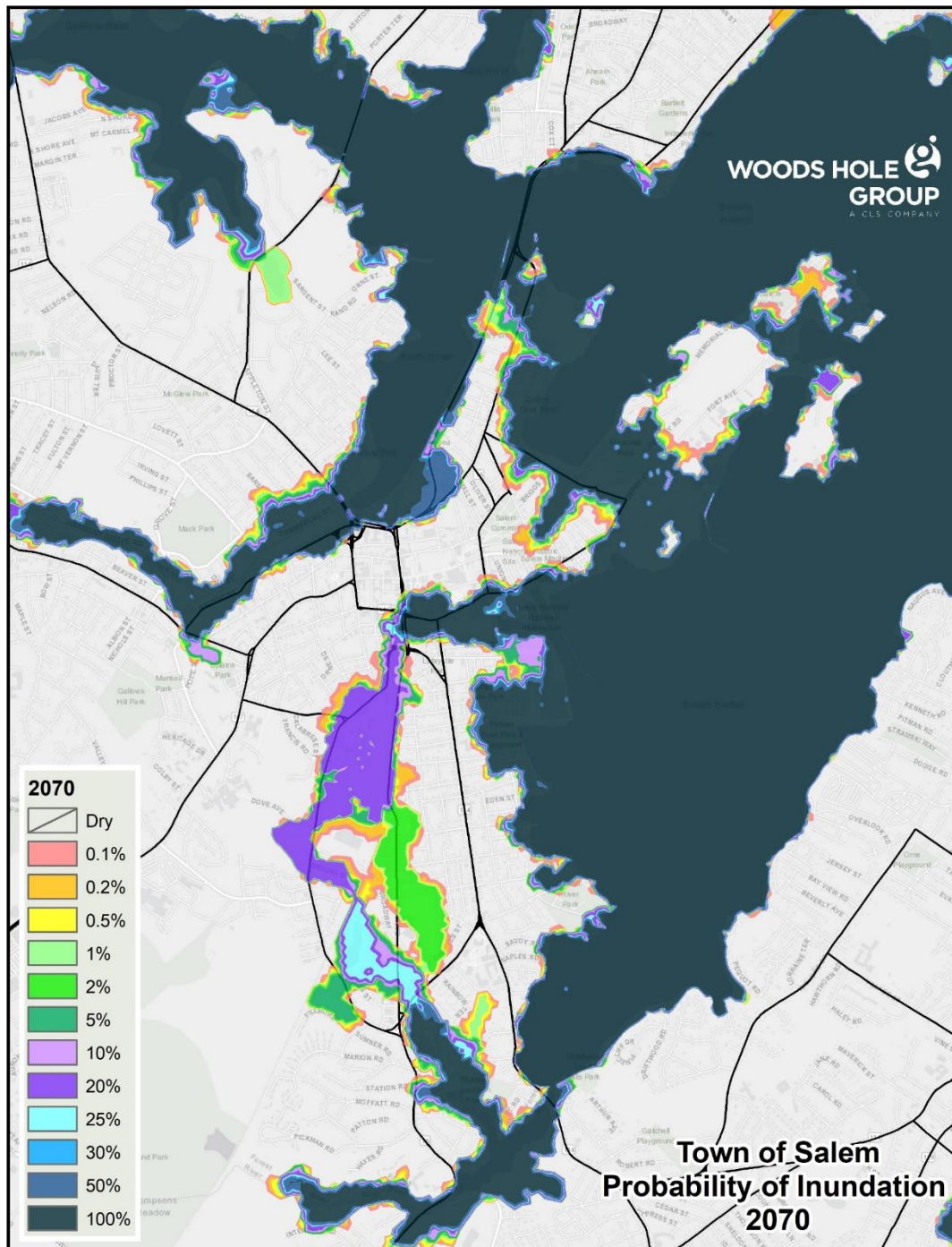
# Predicted Shallow Coastal Flooding Mean Higher High Water Tides in 2030-2050-2070



MHHW is the average height of the highest tide recorded at a tide station each day over a period of time.







For more information on

*Mapping Future Flood Risk and  
Prioritizing Coastal Resilience  
for Salem MA*

Contact Barbara Warren

978-741-7900

[barbara.warren@salemsound.org](mailto:barbara.warren@salemsound.org)

