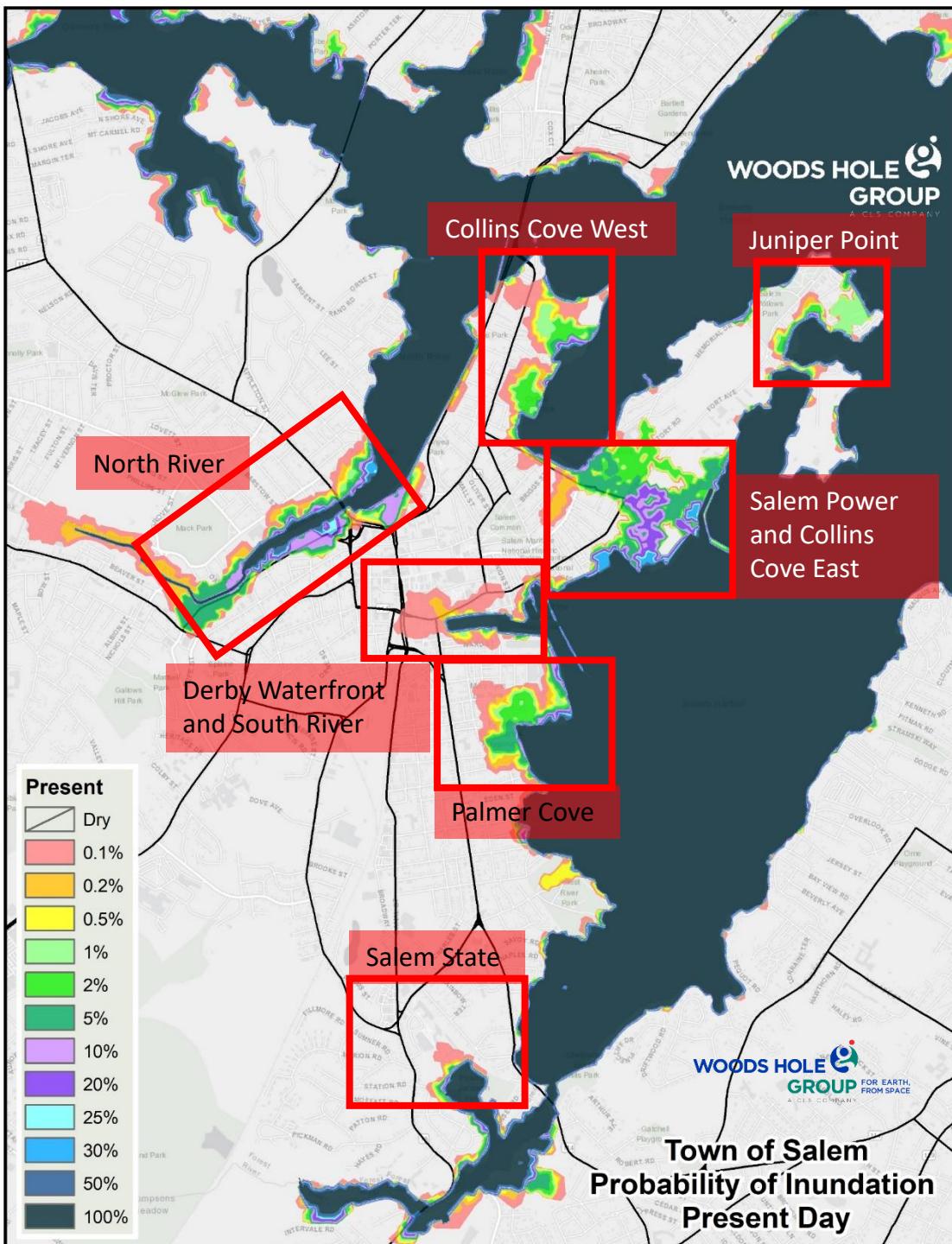


Mapping Future Flood Risk and Prioritizing Coastal Resilience for Salem MA



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





Coastal Flood Exceedance Probability Map for Salem MA – Present Day

An aerial photograph showing the Salem Power Plant complex, which includes several large industrial buildings and a central cooling tower. The plant is situated on a peninsula or near a waterfront. Surrounding the plant are residential neighborhoods with houses, streets, and green spaces. A large body of water is visible to the right and bottom of the frame.

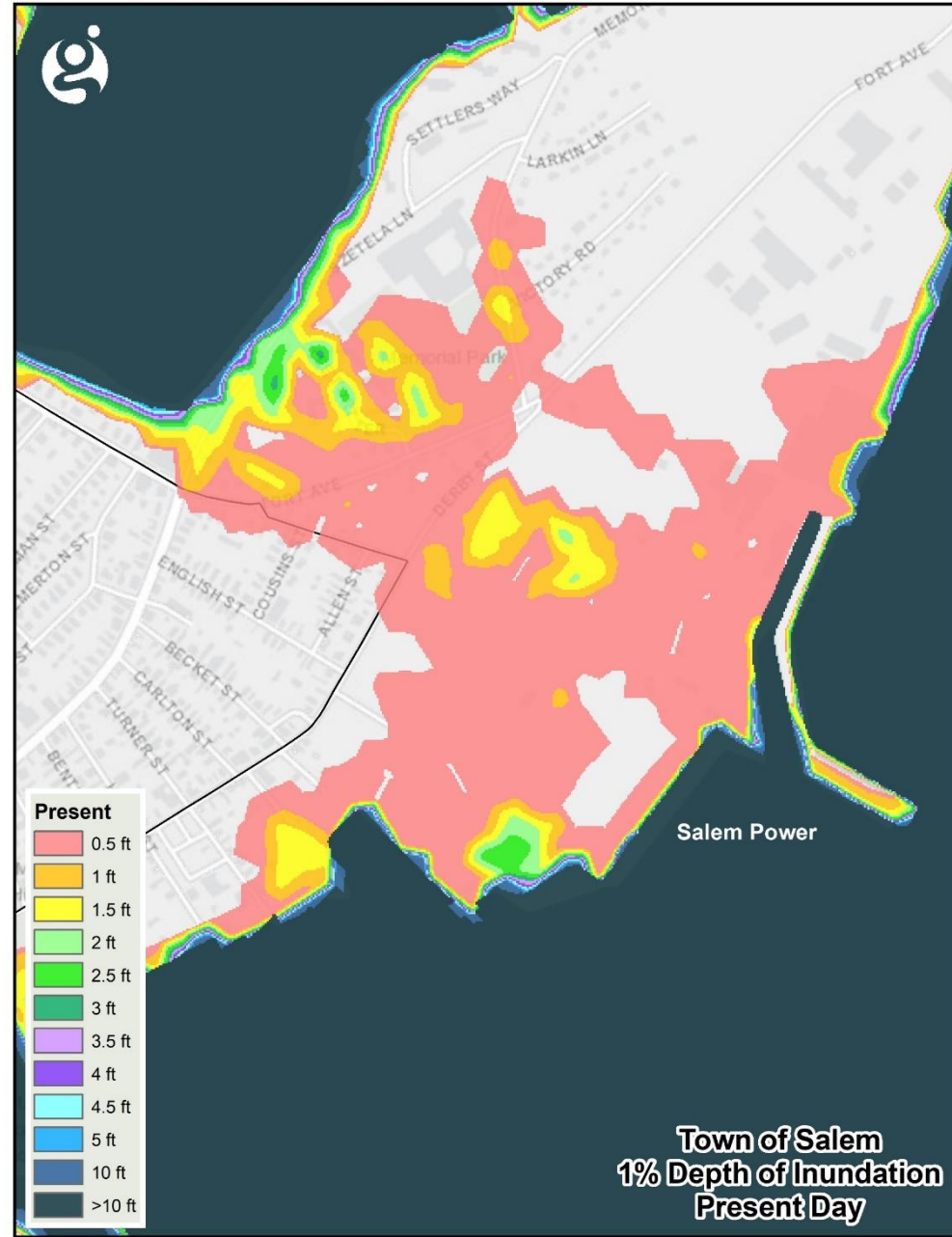
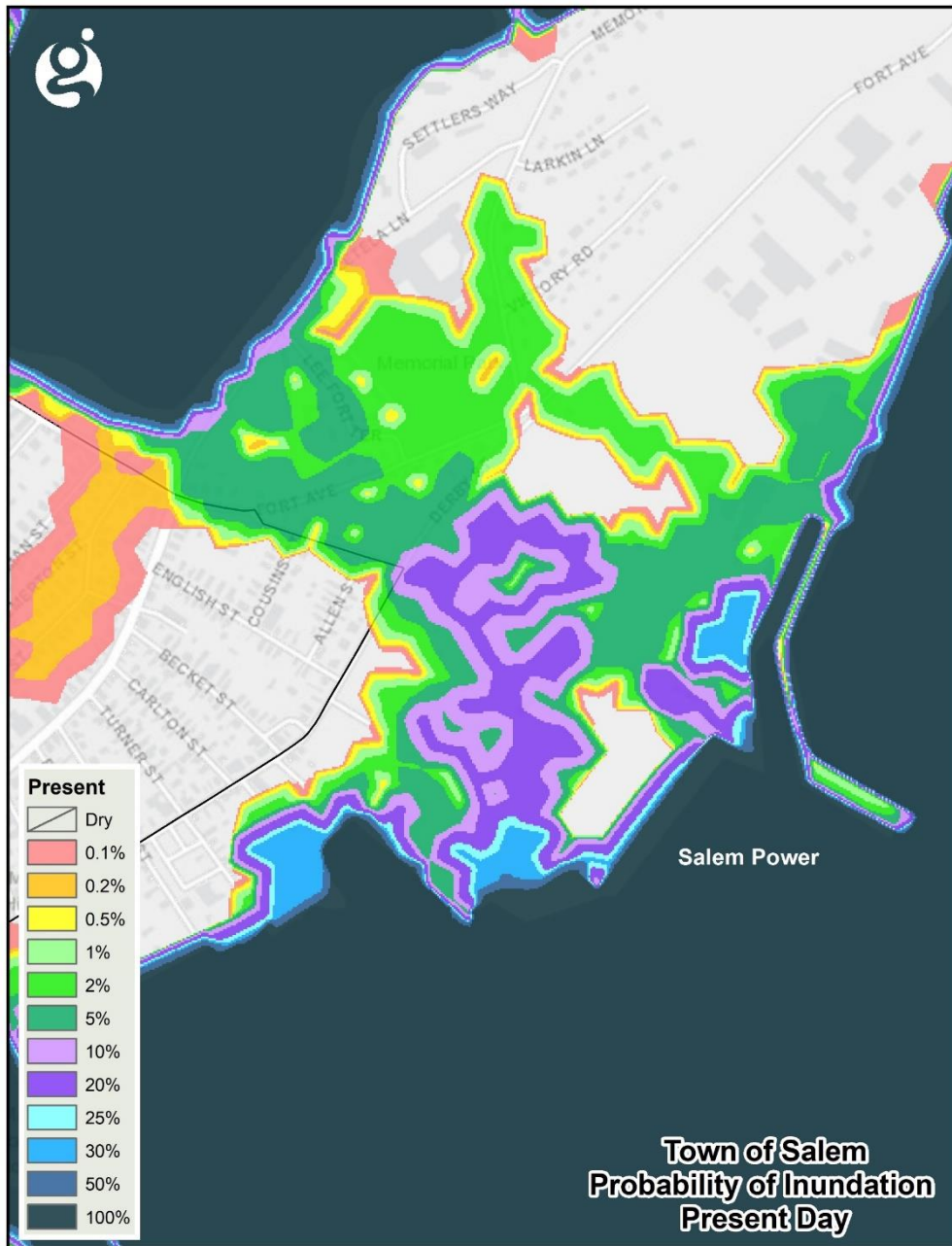
Salem Power and Collins Cove - East

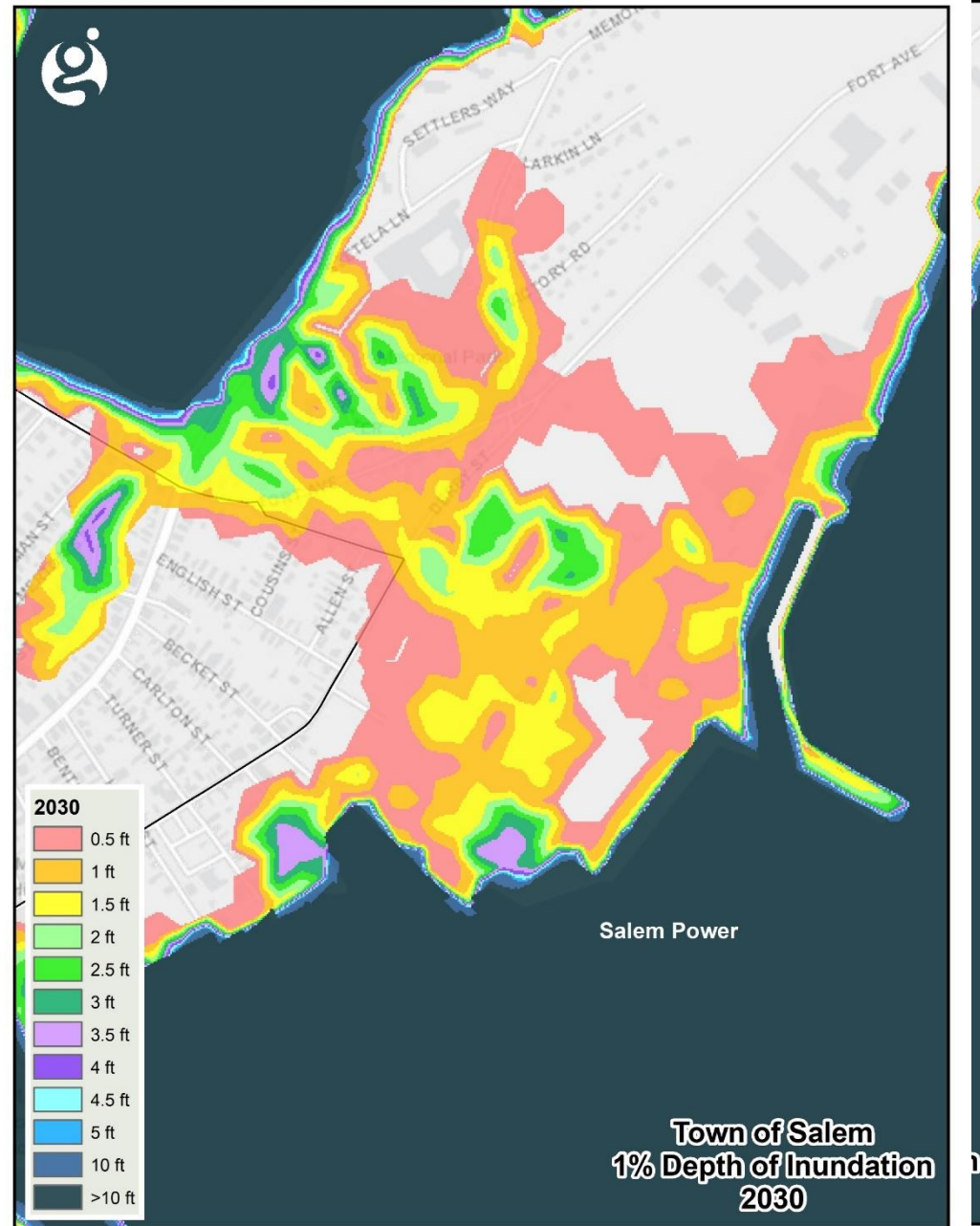
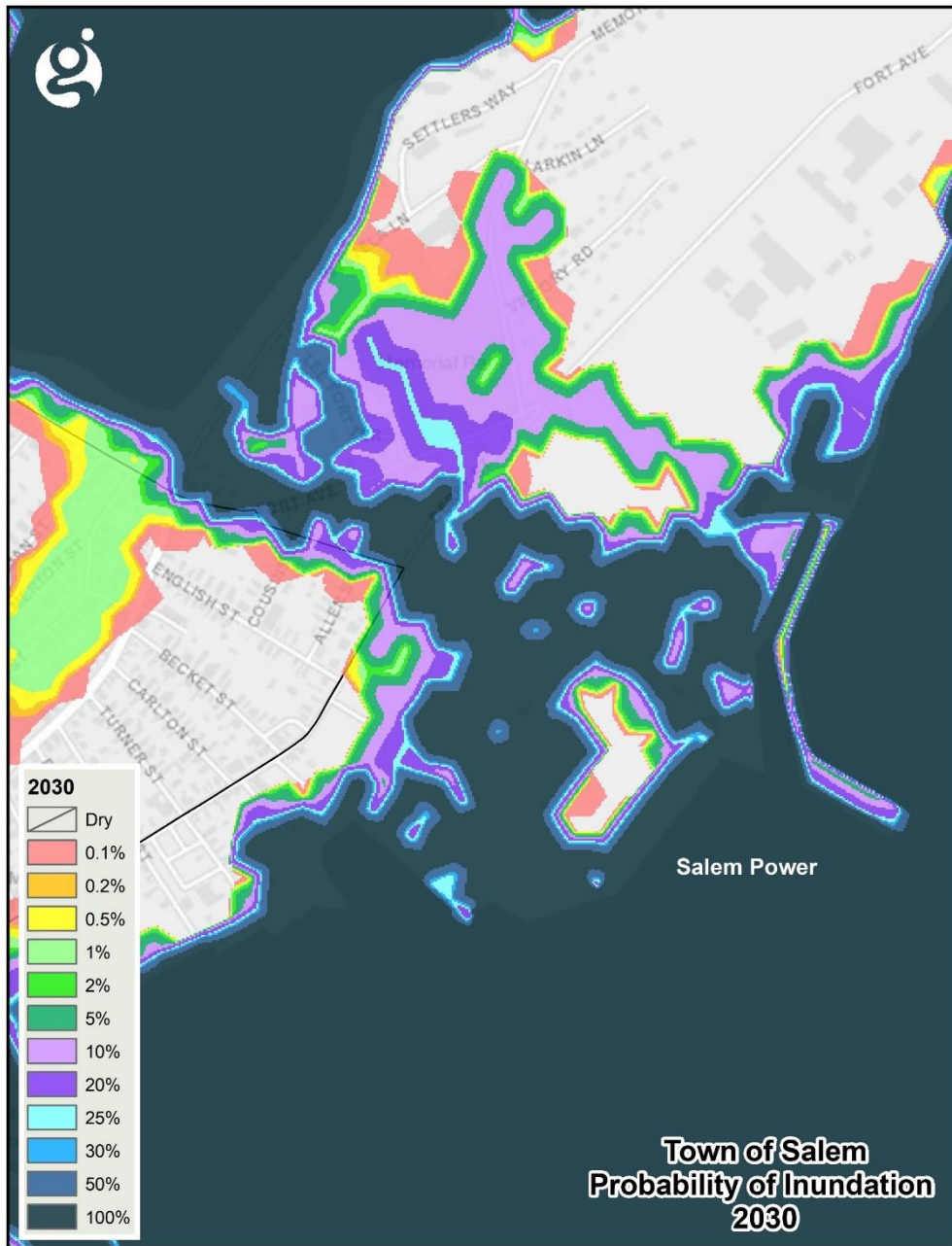
A ground-level photograph showing a flooded residential area. The water is murky and has reached the level of the street and the base of trees. In the background, there are houses and a street lamp. Large rocks are visible in the water in the foreground.

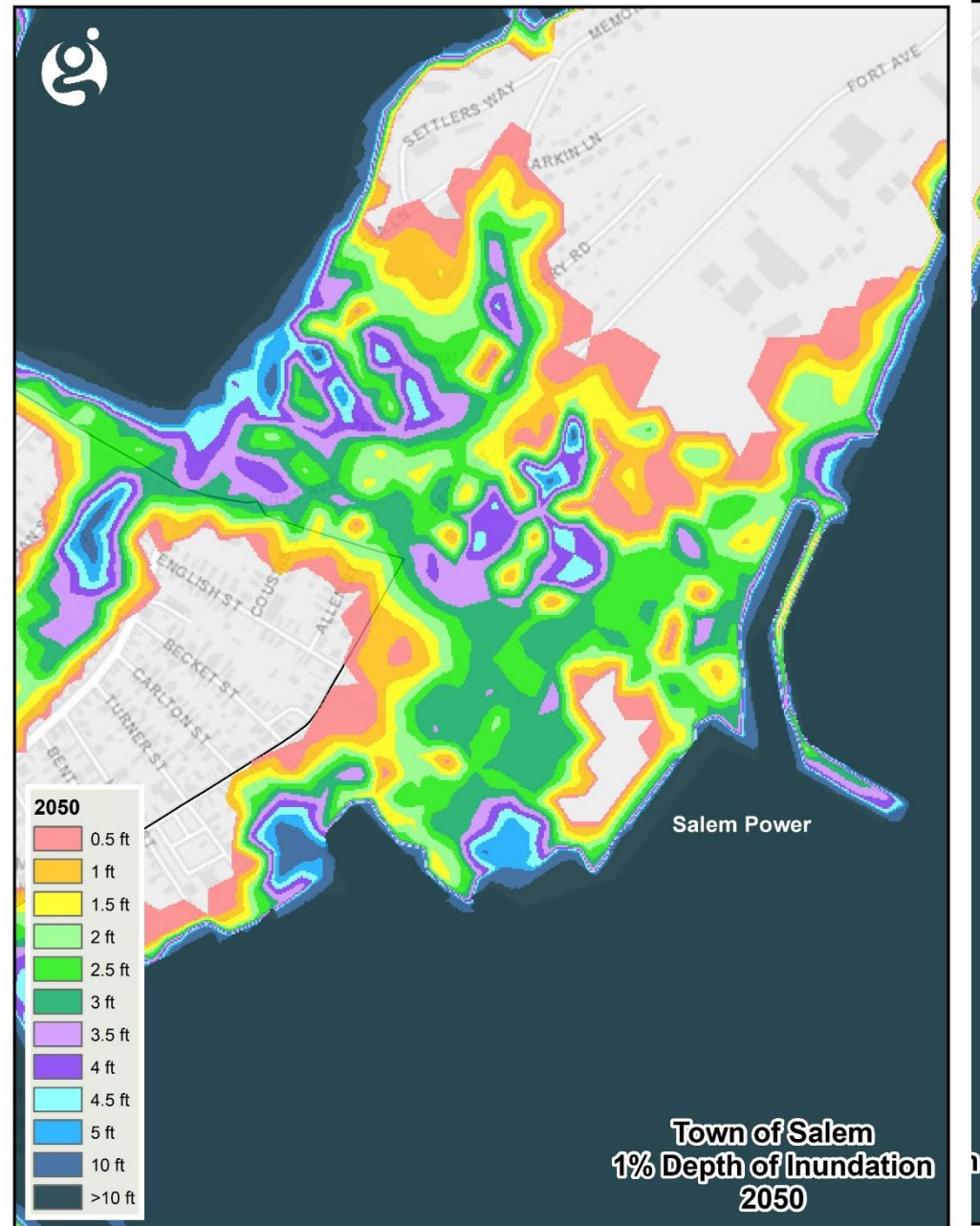
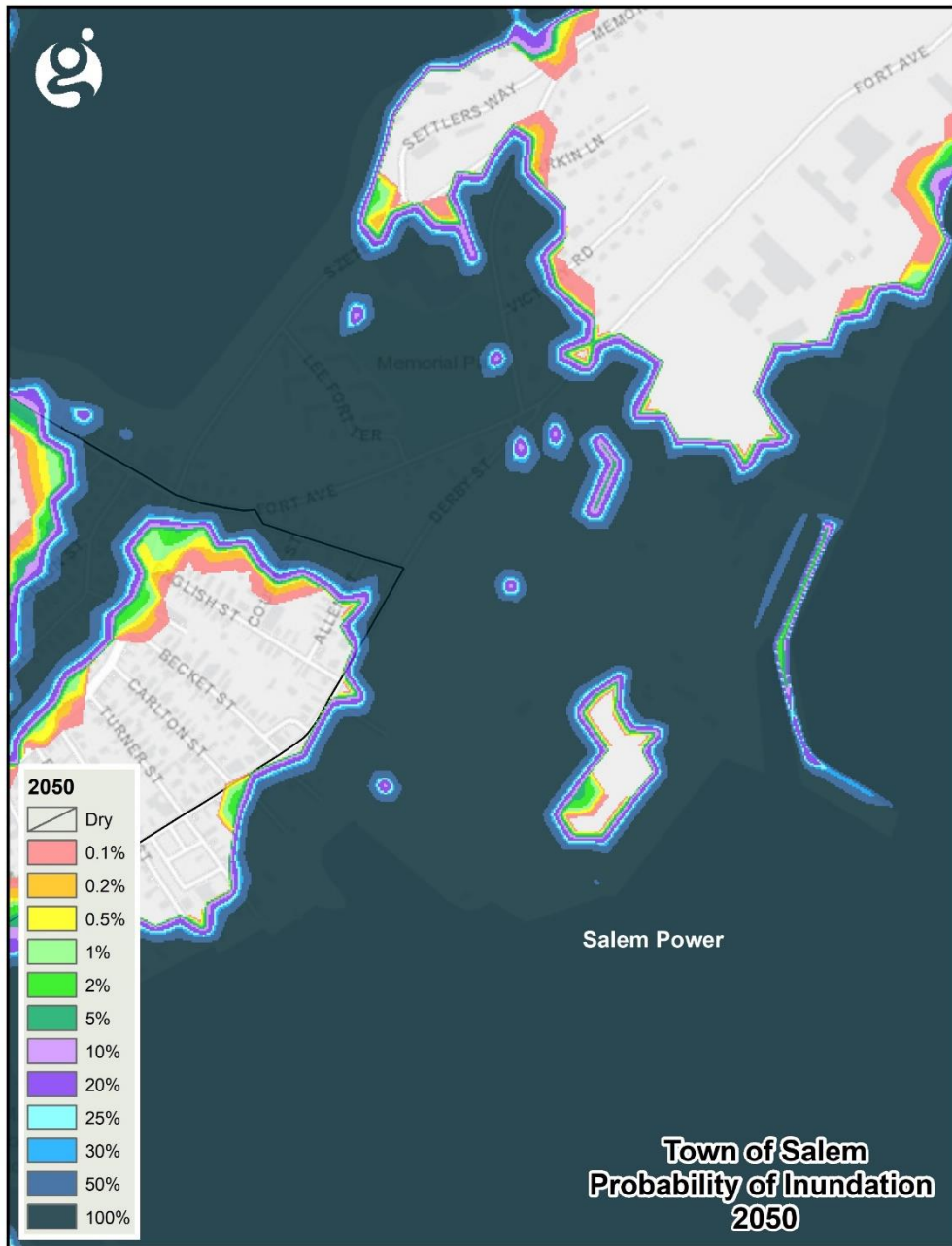
Szetela Lane, Collins Cove

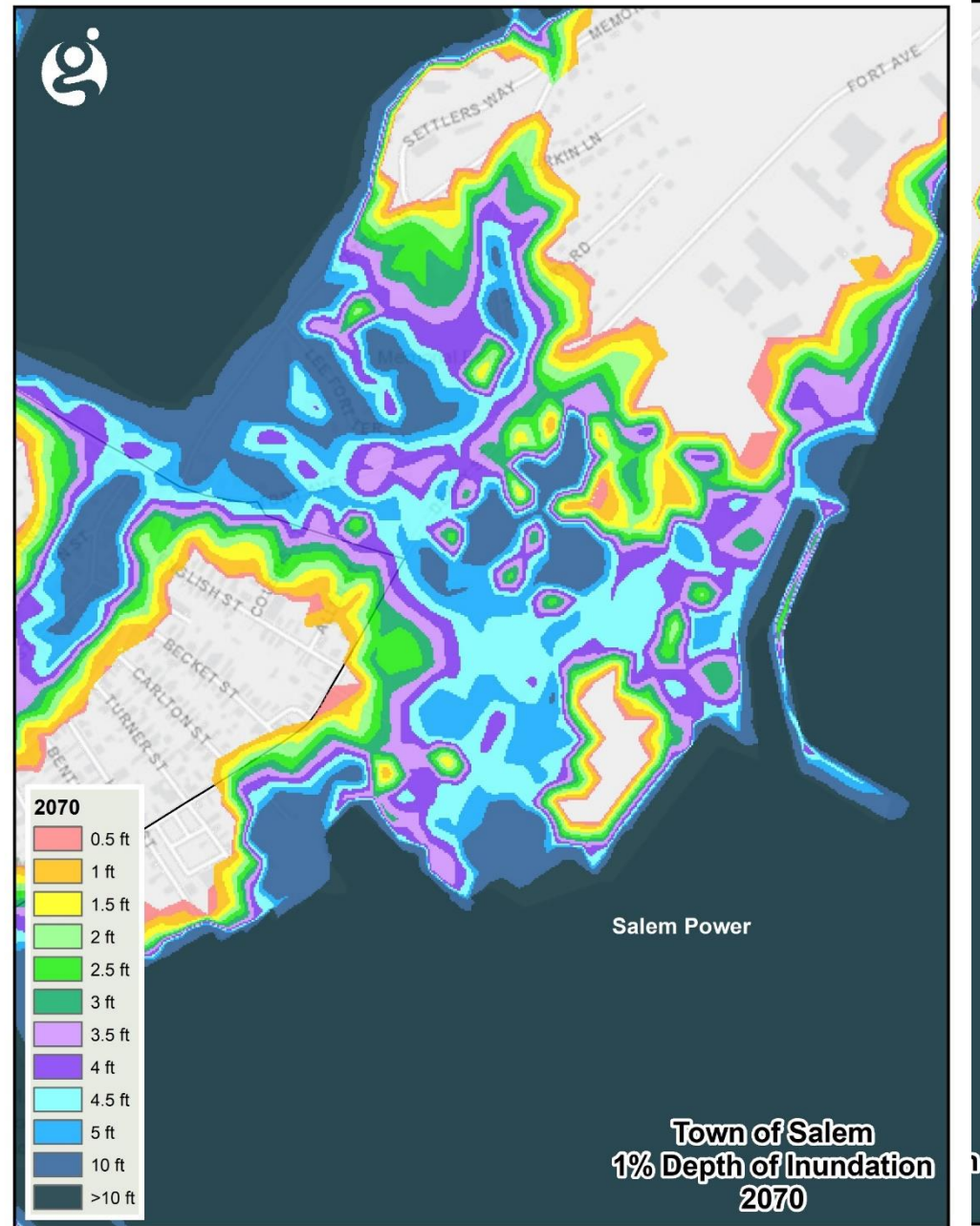
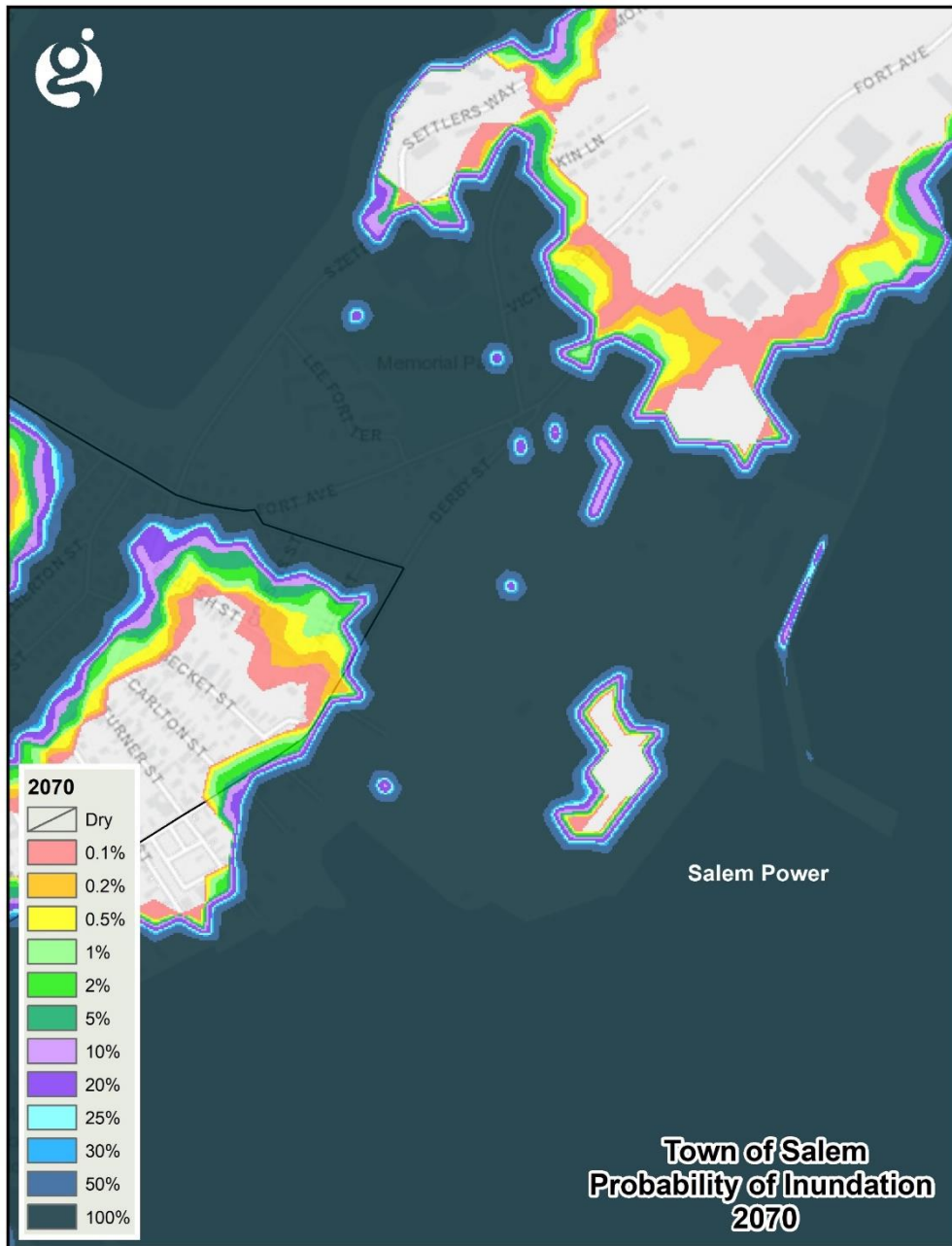
The following slides focus on the increasing flooding risk from sea level rise and increased storms at Collins Cove East and the Salem Power Plant on Salem Harbor.

To view the full recorded presentation, go to www.salemsound.org













SALEM

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

Legend

Projected MHHW Tidal Benchmarks

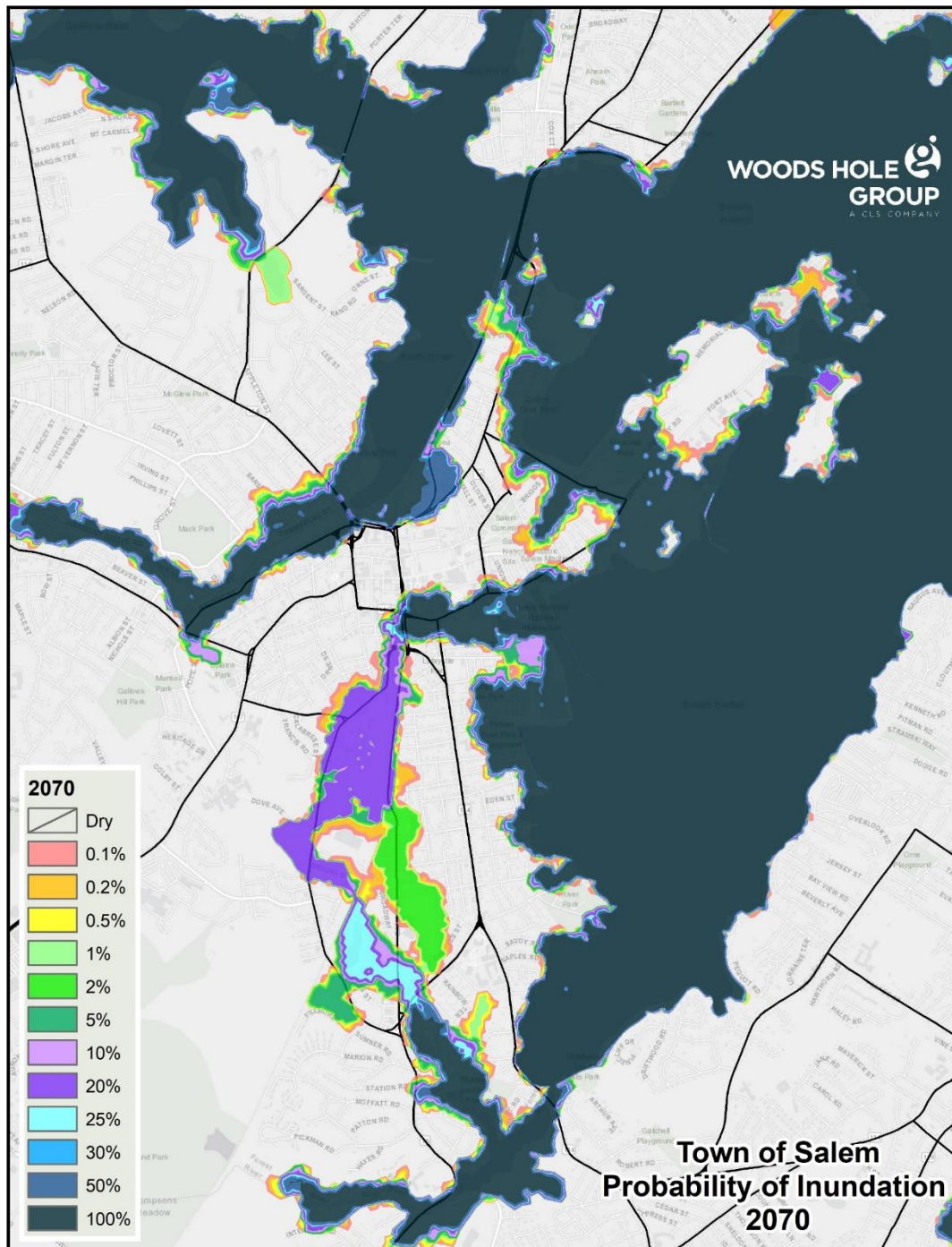
		
2030	2050	2070

 Vulnerable Structures



average height of the highest tide recorded at a tide station each day during the recording period





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

