

Esri User Conference 2016

Resilient Design and Sea Level Rise for Tidal Marsh Restoration

Breuner Marsh Richmond, CA



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Breuner Marsh Tidal Restoration



PROJECT CONTEXT

- East Bay Regional Park District property and project
- 218-acre property located in Richmond on the San Pablo Bay

PROJECT TEAM

Questa Engineering Corporation
WRA, Inc.
2M Associates
Hydroikos Ltd.
PlaceWorks
Garcia & Associates
TOVA Applied Science & Technology
Kister, Savio & Rei

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Site Birdseye

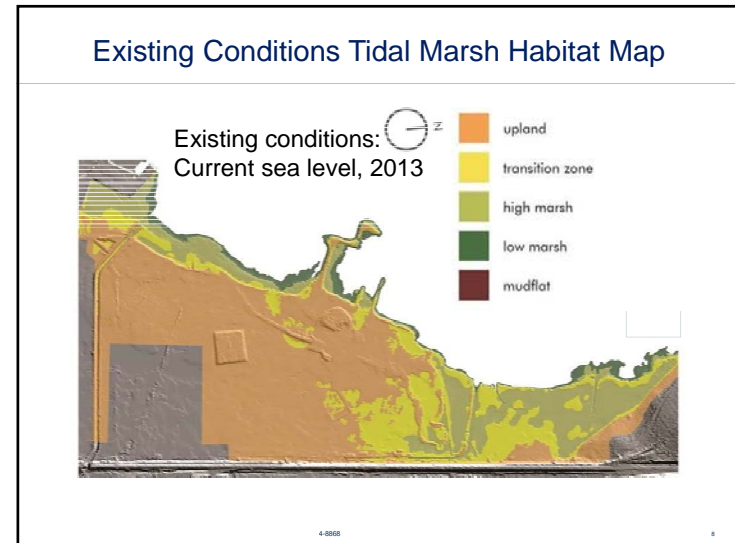
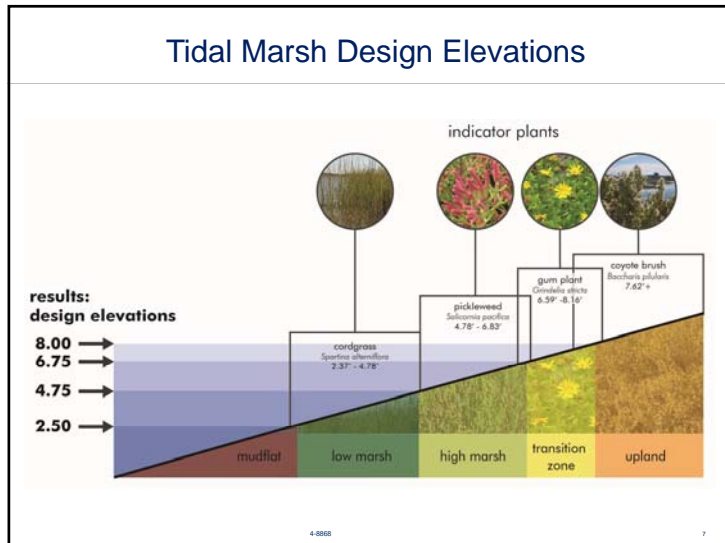
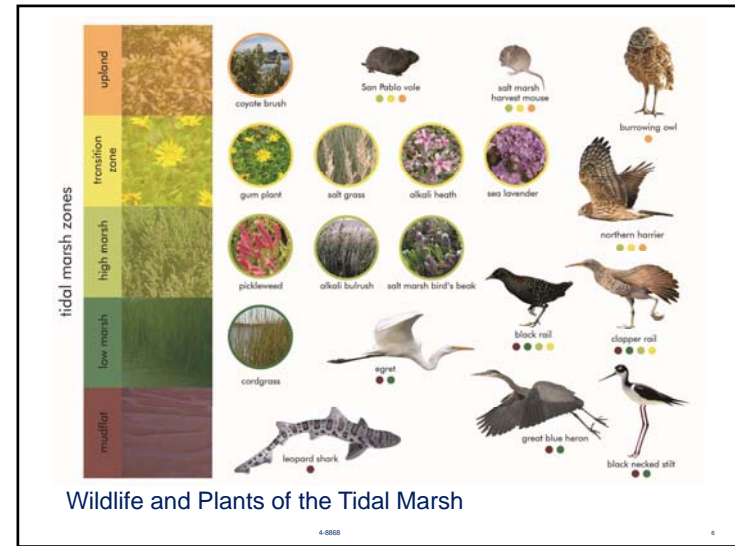
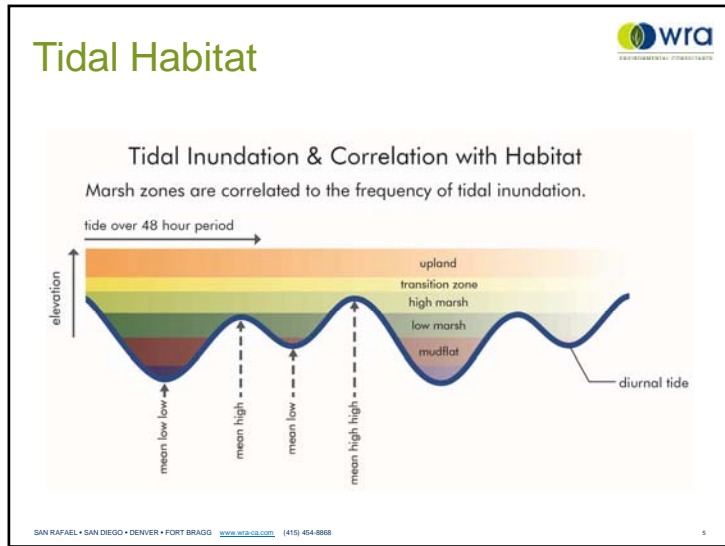


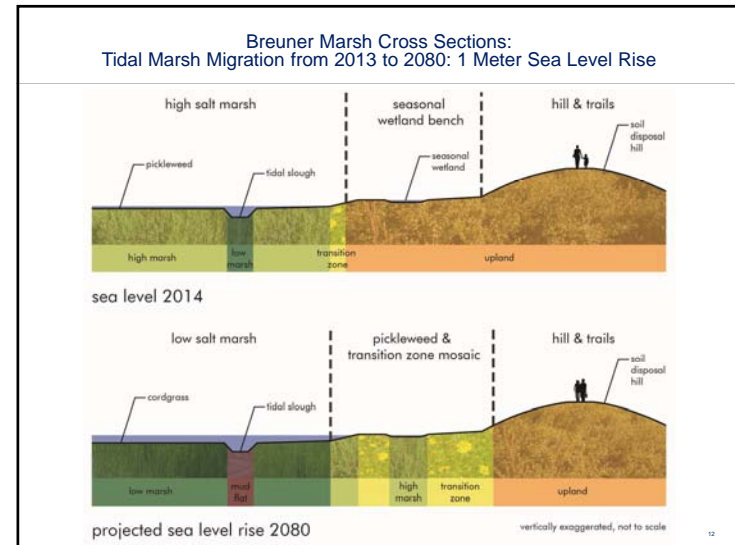
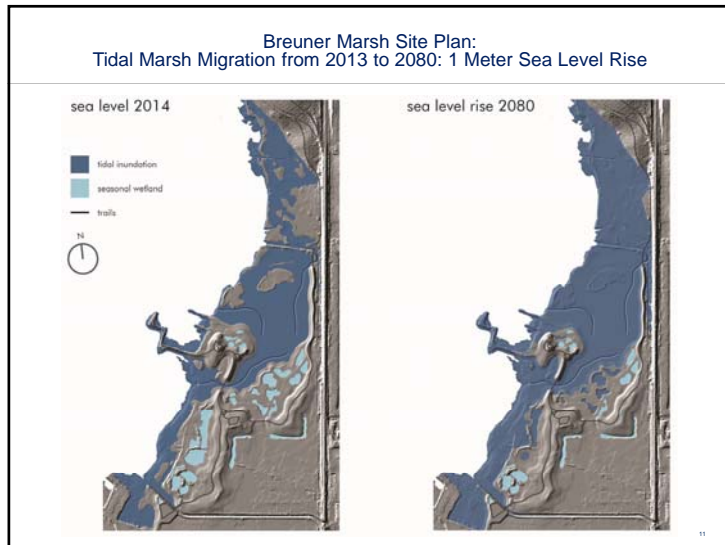
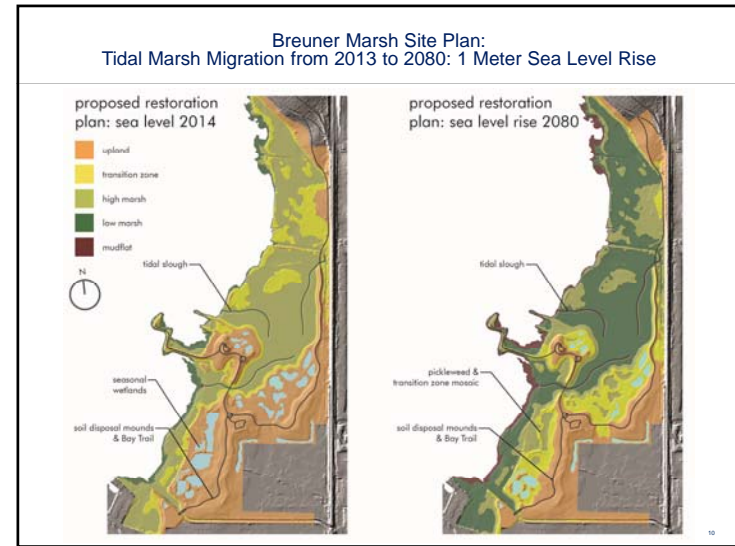
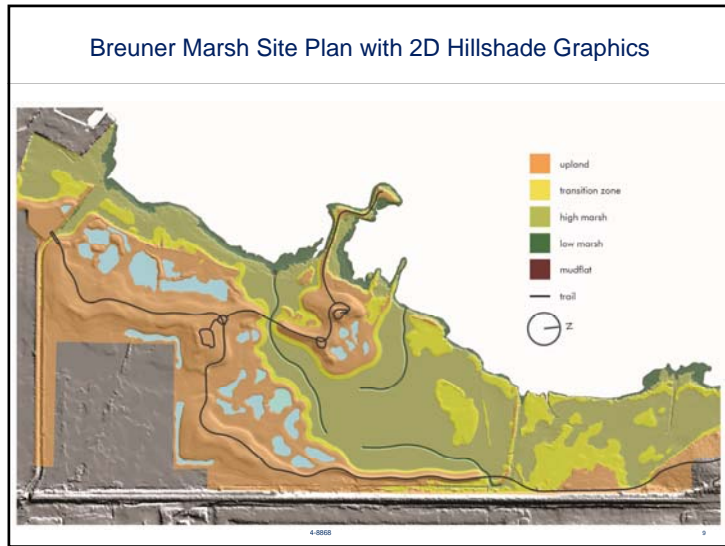
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Specific Project Goals

- Restore 30 acres of tidal marsh and seasonal wetlands
- Construct segment of San Francisco Bay Trail
- Consider effects of one meter rise in sea level on restoration and public access plans**
 - Habitat migration as sea level rises
 - Protect from storm/flood/SLR

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Current Project Status



- Restoration construction completed in December 2014
- Indicators of tidal marsh health are present
- Trail/Public access construction begins in 2016-2017



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Questions?