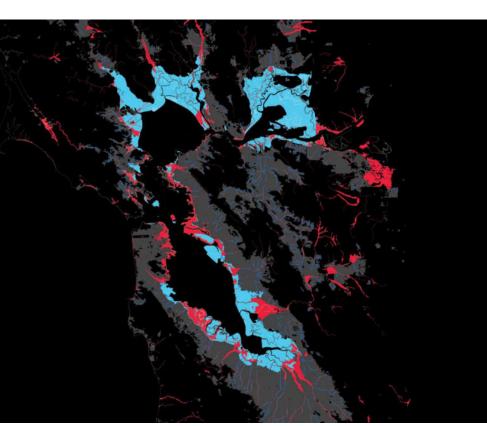


Similarities: Holland and San Francisco Bay



The sea threating 'Zuiderzee' in the 15th century



The sea threating SF Bay currently

But also a lot of differences...



Zuiderzee closed off with 'Afsluitdijk' in 1927



Downtown San Jose in 2018

'Dutch' approach: collective large infrastructure

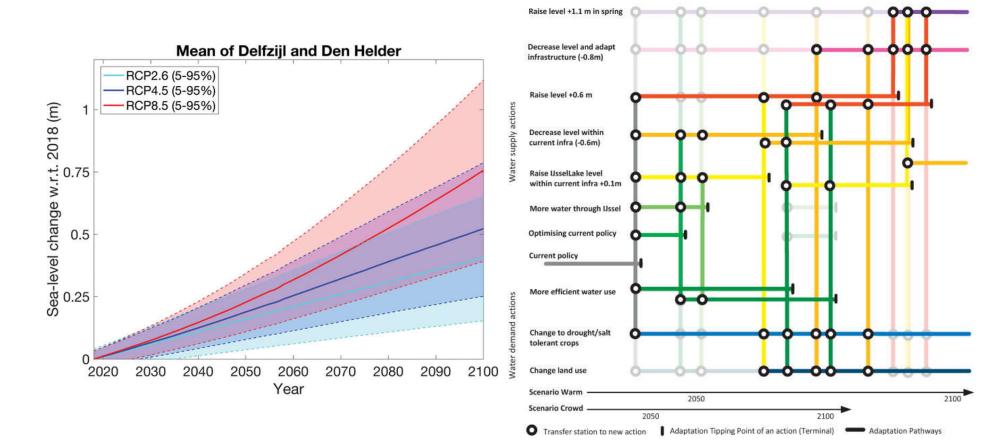


Enclosure dam created fresh water Lake IJsel

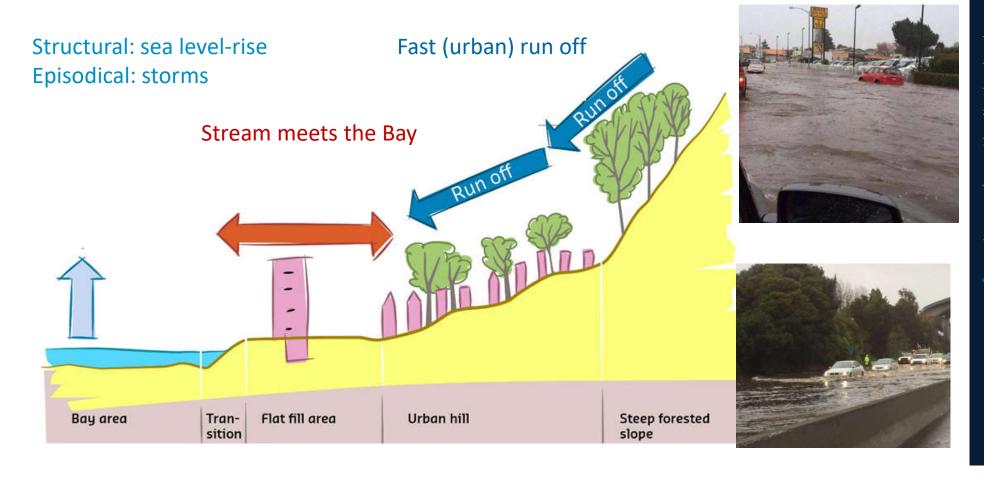


Delta Works: closed off major rivers with permant and flexible barriers to protect against flooding

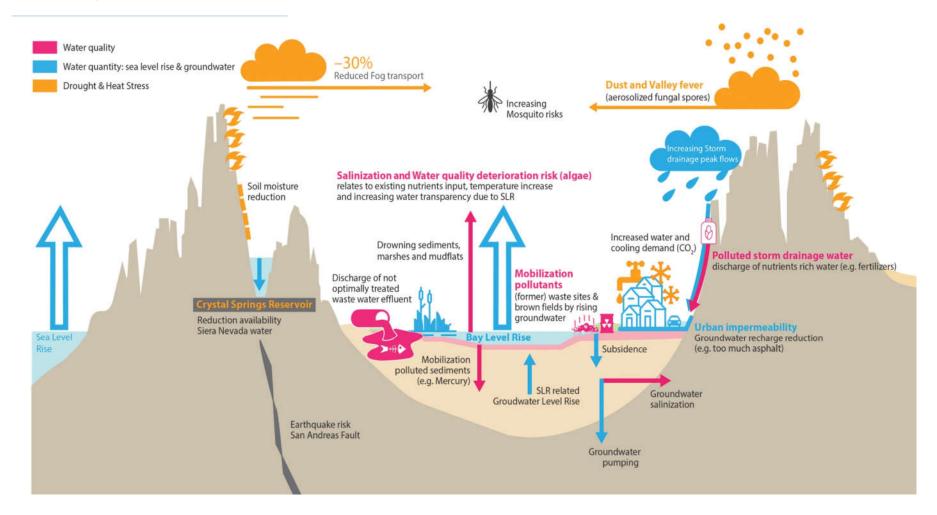
Plans are adaptative and take into account uncertainties



'Urban water stress' during storms



SF Bay suffers from several subsurface and water-related risks



Five suggestions for a more resilient Bay

- 1. Update plans to include water management and climate adaptation
- 2. Increase our understanding of the system
- 3. Collective develop a set of design principle for local communities across the Bay
- 4. Install a Bay Area Resiliency Commissioner
- 5. Start both big and small

Three possible approaches for the San Francisco Bay?

