

What do we do about climate change?

Crowd-sourced solutions, and a sustainability framing of desired solutions

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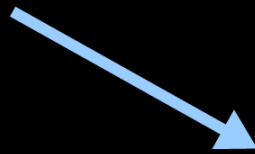
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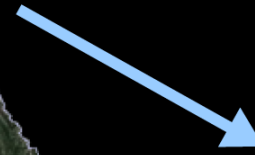
Moving From Global to Local



Global



Regional



Local

Four possible future worlds



Deep Sustainability



Efficient Development



Adapt to Risk



Do Nothing





Existing Condition
(Low Tide)



2020: Storm surge
(3.03m)



2050: Storm surge
(3.17m)



2100: Storm surge
(3.48m)



2100: Raised Sea Wall
(4.23m)



2100: Dike Adaptation

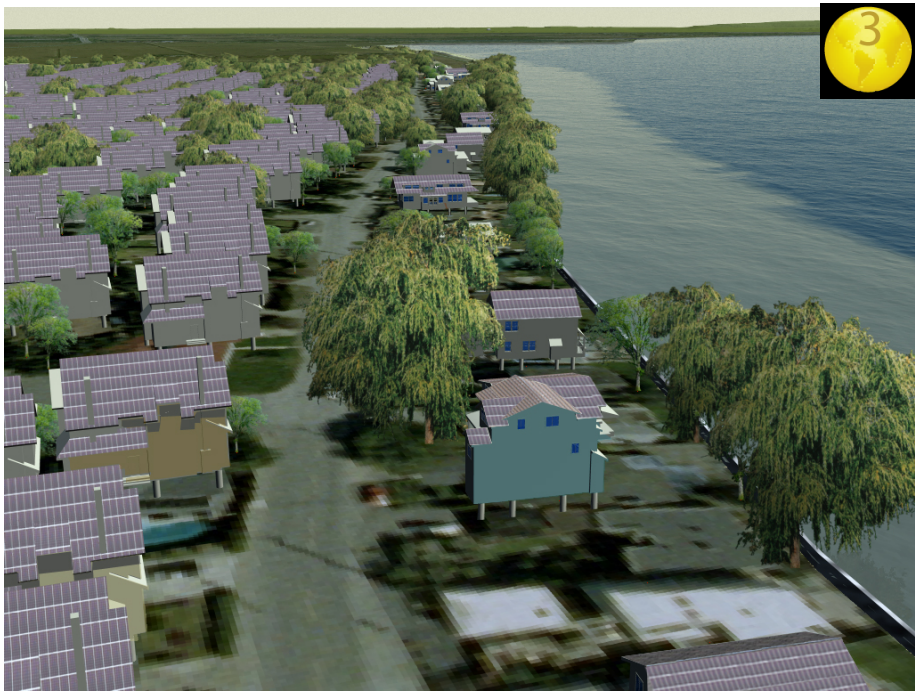


2050:
Dikes + GHG
Reduction





2100:
Deep
Sustainability



Final thoughts

- Climate change policy ≠ transformative change
- Lack of mechanisms for sharing best practices and accelerating/scaling up responses
- Enablers of success:
 - Exploring synergies between adaptation/mitigation
 - Iterative, adaptive management
 - Networks and community engagement
 - Importance of multi-level governance
- *Sustainability* framing suggests new solutions
- MOOCs, and other participatory processes, offer tools for uncovering these solutions
- Note: Visualizations created in part by David Flanders, Stephen Sheppard, and others at the University of British Columbia's Collaborative for Advanced Landscape Planning