Innovative Strategies for Municipal Land Conservation in a Changing Climate

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Innovative Strategies in Municipal Conservation in a Changing Climate

Presentation Outline
1. Parks & Open Space for Everyone
2. Urban Parks for Climate Resilience
3. Conservation for the Beach (and now we have coastal resilience)
4. Conservation for the Flood
5. Conservation for the Drought
“Tonight, we saw again that while American voters are divided on many issues, parks and natural areas are an issue that we can all agree on. Whether they were voting for ‘red’ or ‘blue’ candidates, voters are ‘green’ – they want local parks and close-to-home places for recreation and they’re willing to pay for them.”
-Will Rogers, former TPL President

November 2016
Parks and Open Space for Everyone

1998-2018
2058 Conservation Ballot Measures creating $80 billion in conservation funding with 76% success rate.
Parks and Open Space for Everyone
Urban Parks for Climate Resilience

https://web.tplgis.org/metromayors_csc/
Urban Parks for Climate Resilience

Conceptual designs for part of Miami’s Underline, a 10-mile linear park in a right of way, incorporating nature, art, and recreation. Photo credit The Underline.org
Conservation for the Beach
(And Now We Have Coastal Resilience)

Duxbury Beach Reservation, Duxbury, Massachusetts
Conservation for the Beach
(And now we have coastal resilience)

Winter Storm Riley 2018, Duxbury Beach Reservation
Conservation for the Beach
(Maybe we should have....)

Winter Storm Riley 2018 - Cedar Point, Scituate, MA
Conservation for the Flood

1977-1983
Army Corps of Engineers acquired and protected 8,095 acres for flood storage.
In Upper Charles River Watershed.
Conservation for the Drought

Windrush Farm Conservation Project
200-acres of conservation land.
Preserving rare and endangered species, equine therapy, and drinking supply in the Ipswich River Watershed for 350,000 and 14.4 million gallons/day.
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“......to protect biodiversity and essential ecosystem services, conservation will need to anticipate the human response to climate change and to focus not only on resistance and resilience but on transitions to new states and new ecosystems.”

Lawler J, Watson J and Game E. Conservation in the face of climate change: recent developments [version 1; referees: 3a approved]. F1000 Research 2015, 4(F1000 Faculty Rev):1158
“The art of life lies in a constant readjustment to our surroundings.” - Kakuzo Okakur

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