



50th ISOCARP

International Planning Congress Urban Transformations - Cities and Water

GDYNIA, POLAND, 23-26 SEPTEMBER 2014

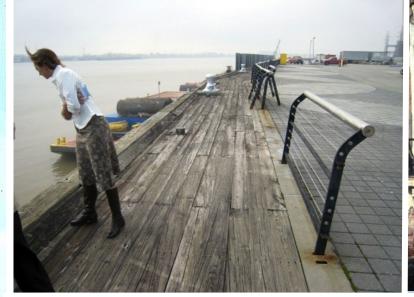
Transformations Along Urban Waterfronts

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Distinctive
Settings at
Water's Edge
Provide
Significant
Advantages for a
City's
Competitiveness
in the Global
Economy









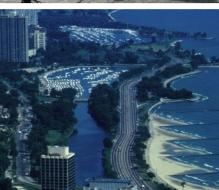














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10 Challenges of Urban Waterfront Planning







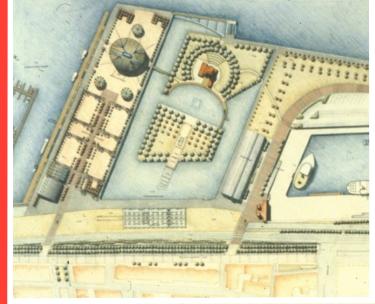


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Transformations
along urban
waterfronts are a
recurring condition
in the life of a city
and tends to take
place during times
of economic and
cultural shifts.

Montreal Waterfront, Canada











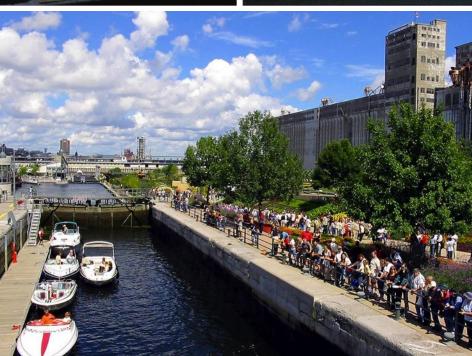




















New York City's Recent Investment in Major Waterfront Parks



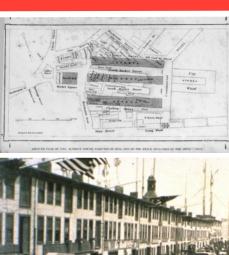






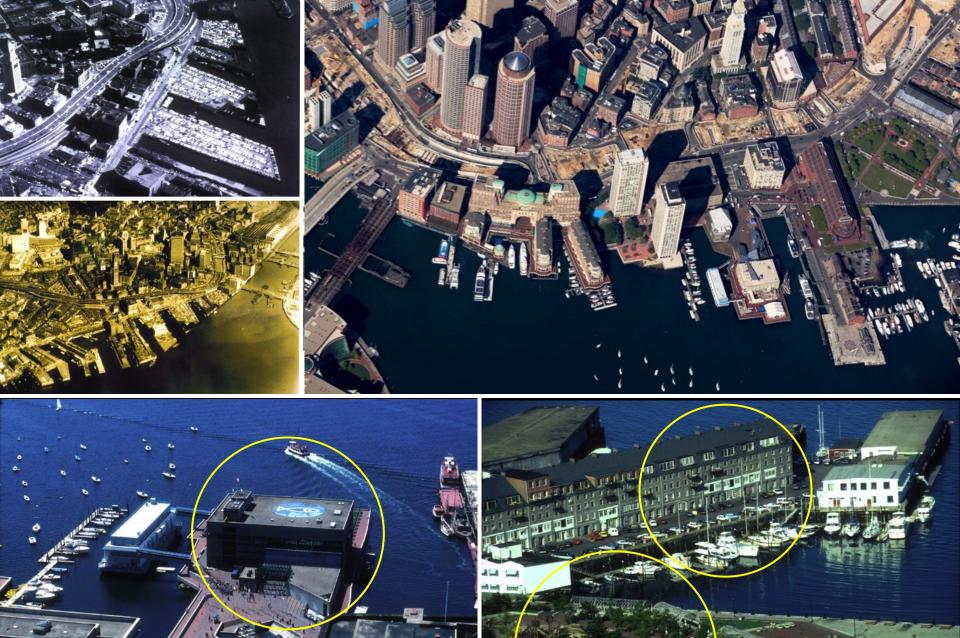
2. Along the waterfronts of cities worldwide the human instinct to both preserve and to reinvent are robustly acted out.



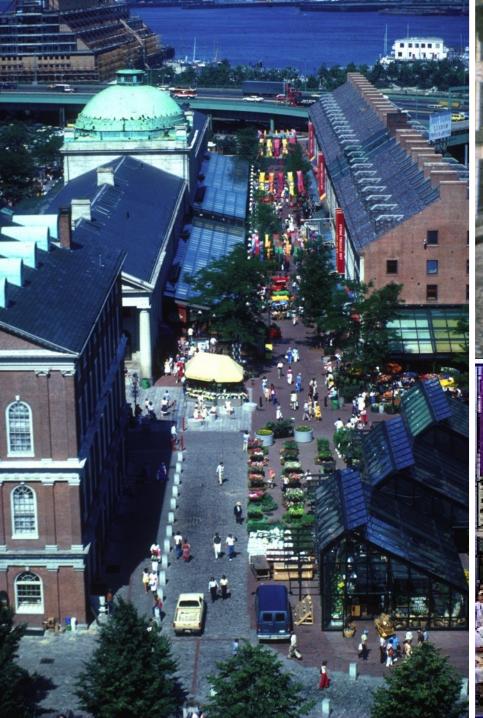














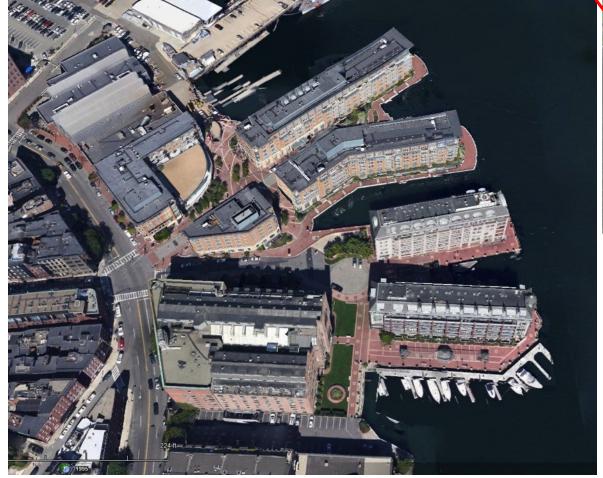




BATTERY WHARF



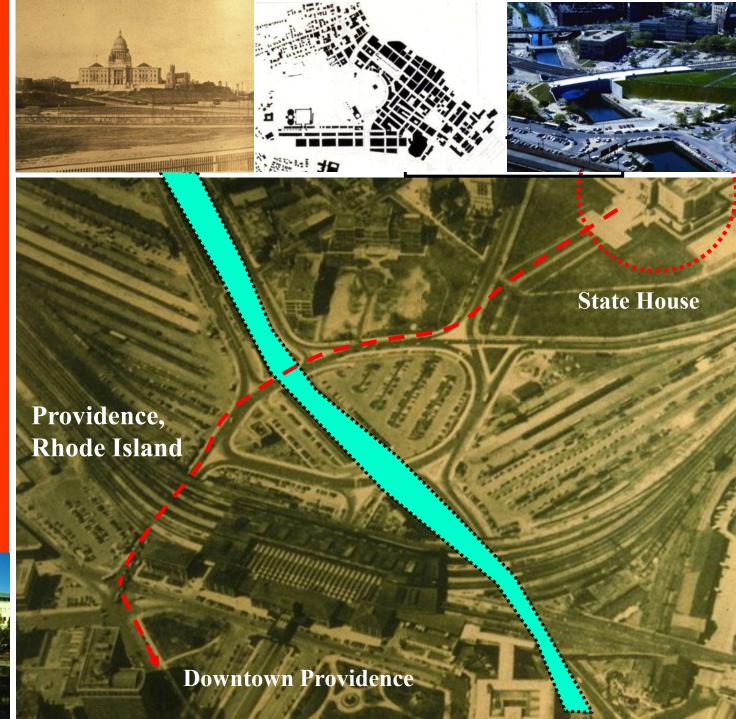








3. The public increasingly desires and expects access to the water. This usually requires overcoming historic barriers, physical, proprietary and psychological.

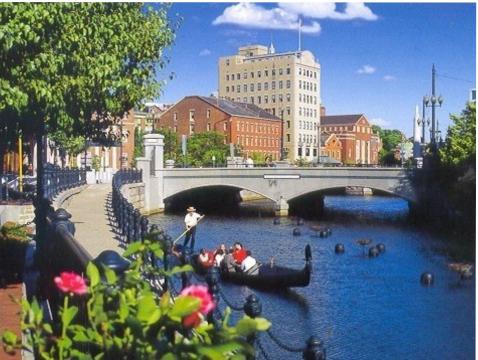


















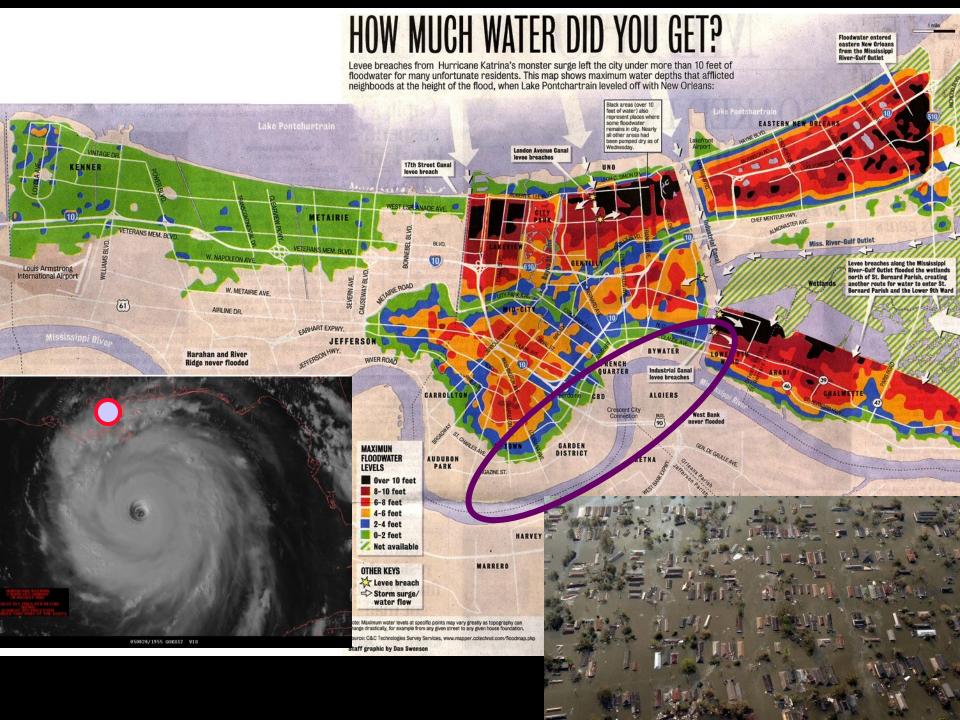
Maintaining
Linear Public
Connectivity
While
Emphasizing the
Perpedniculars
from the City
Fabric to the
River

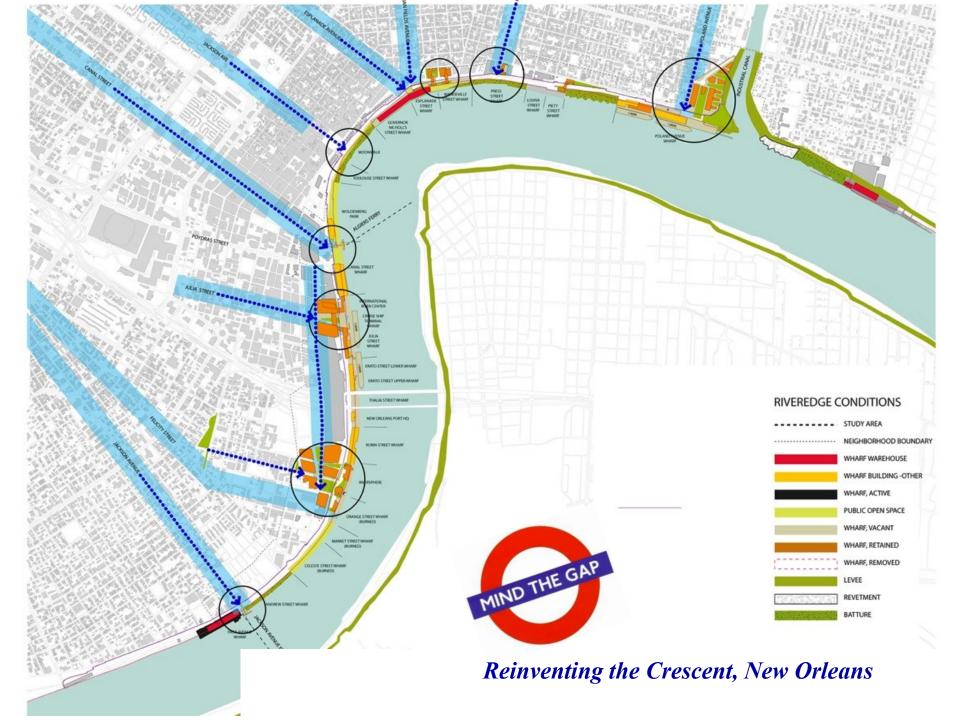






Celeste Park Jackson Avenue to Market Street	1.	
Market Street Promenade Market Street to Race Street	2.	
Riversphere Race Street to Terpichore	3.	13. 14. 15. 16. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18
Nine Muses Square Orange to Henderson to Techoupitoulas	4.	10. 11. 12.
Julia Street River Terrace	5.	
Convention Center Boulevard Henderson to Poydras	6.	9.
Spanish Plaza Poydras to Canal Street	7.	8.
Wolenberg Park Canal Street to St. Louis	8.	
Moonwalk St. Louis to St. Philip	9.	6
French Market Connection	10.	
Portage Plaza Esplanade and Elysian Fields	11.	
Mandeville Wharf Marigny to Spain	12.	
Mandeville Rear Apron Connectio	ⁿ 13.	
Press Street Landing Spain to Clouet	14.	
Piety Park Clouet to Pauline	15.	
Poland Fields Pauline to Poland Wharf	16.	
Bywater Point Poland Wharf to St. Claude	17.	
Port of Embarkation Redevelopme Chartres to St. Claude	18.	Post Katrina Development Plan for New Orleans
Holy Cross Levee Promenade St. Claude to Flood Street	19.	Reinventing the Crescent





POWER PLANT LANDING RIVERSPHERE 9 MUSES SQUARE

PROGRAM

Riverview Performances
Public Meeting Spaces
Biological Research
Water Gardening
Scientific Lectures & Tours
Sunbathing
Interactive Fountains
Lawn Sports
Green Roof Gardening
Bike Riding
Picnicking
Riverview Shaded Seating
Riverview Stadium Seating

CIRCULATION

Market St Pedestrian Bridge 2 Destination Piers Riversphere Platforms Riverfront Pedestrian Path Vehicular Ramp Railway Tunnel Link to Convention Boulevard

LANDSCAPE

Fountain Gardens
Research Gardens
Riverfront Performance Lawn
Distinctive Courtyards
Shade Tree Allees
Batture Pockets
Accessible Green Roofs
Flexible Shaded Lawns









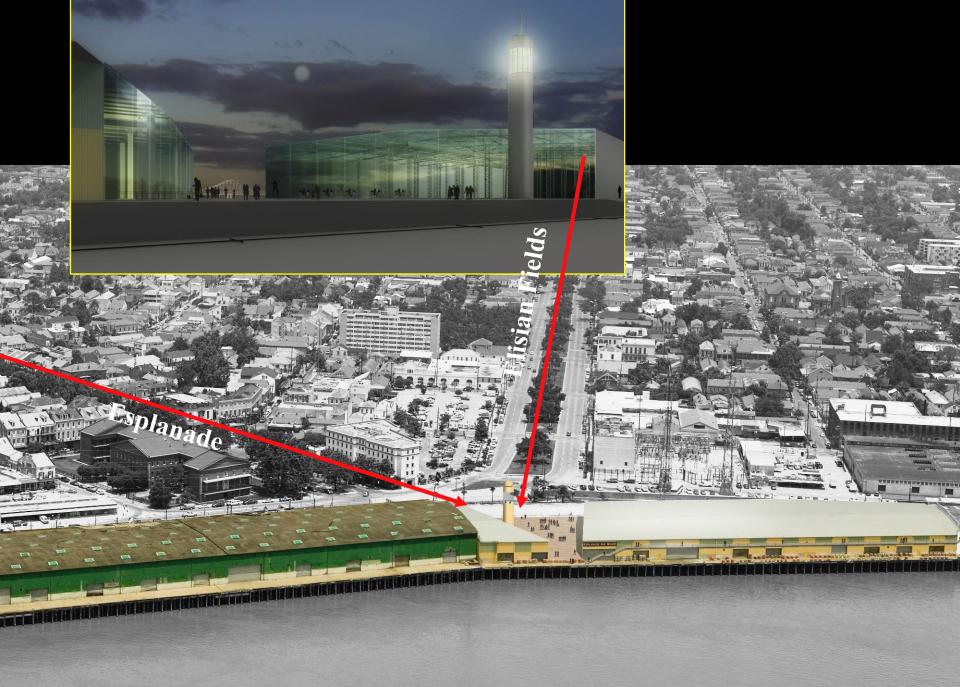










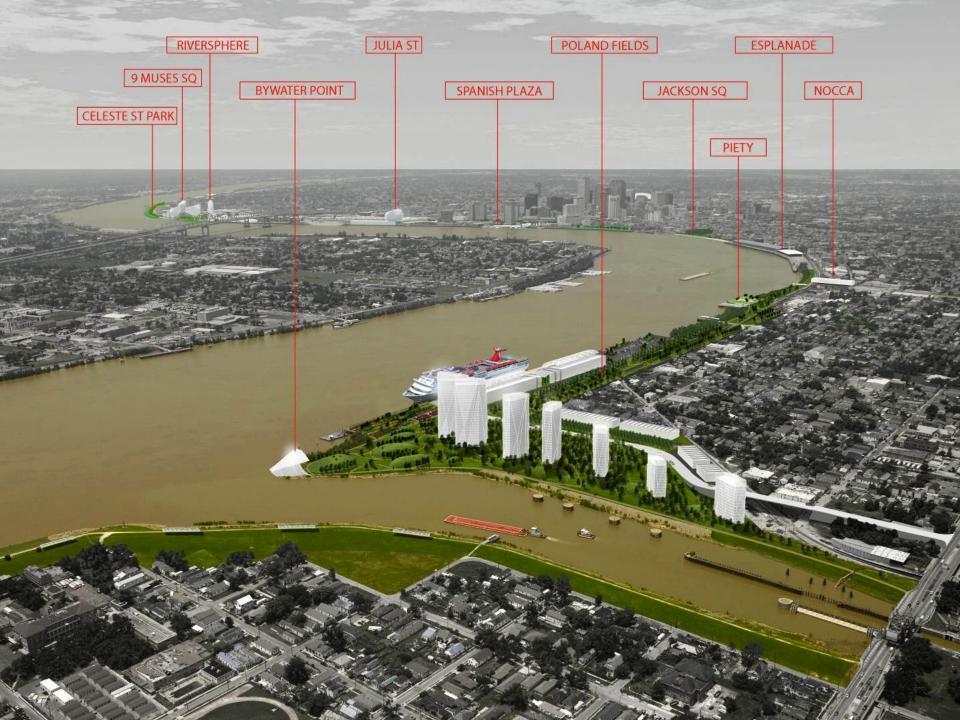












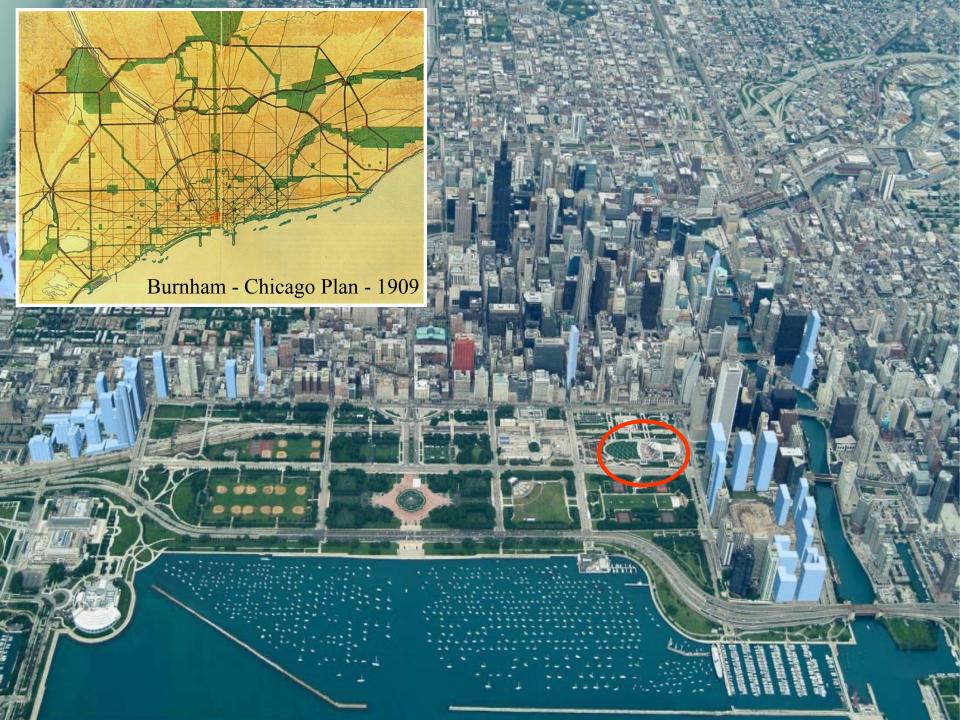
5. Waterfront redevelopments are long-term projects with long-term value to be gained. Endangering this for short-term riches rarely produce the most desirable results.



Chicago's Lakefront

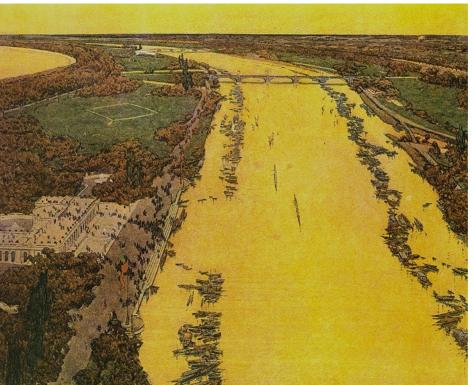


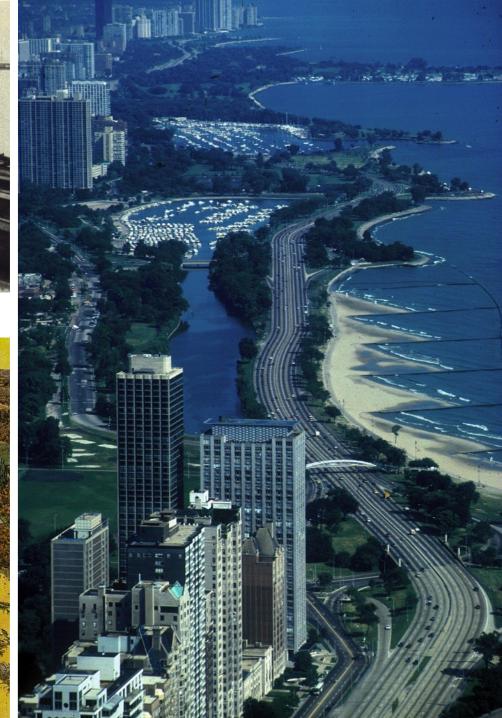






c.1920 Chicago c.2000

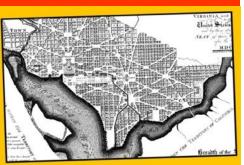


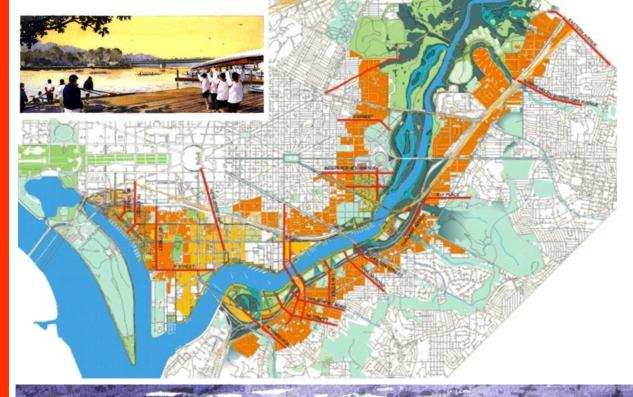




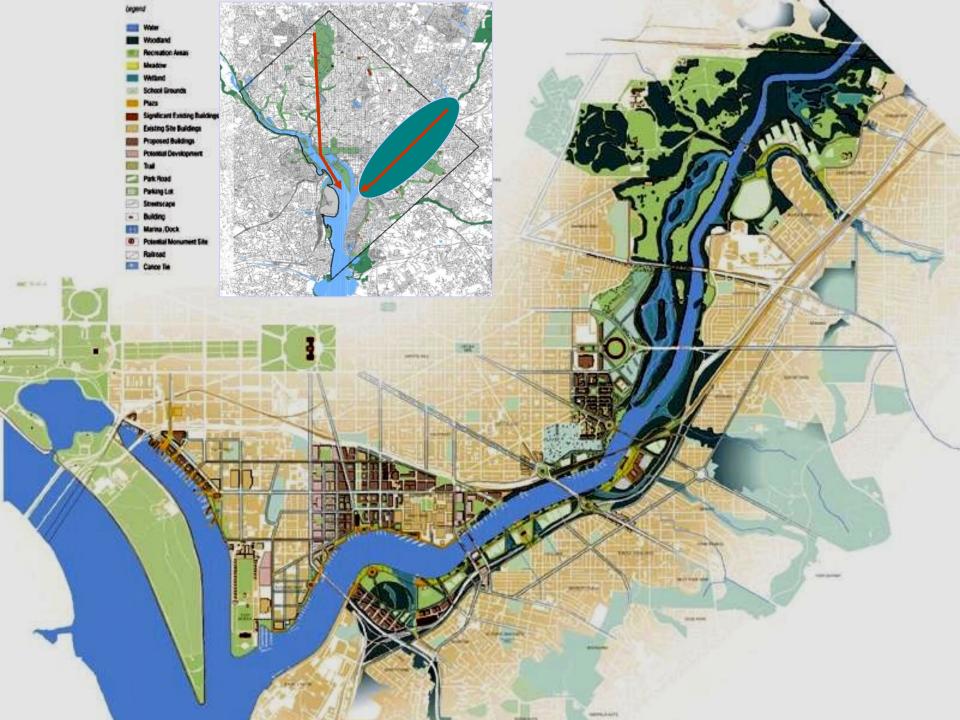
6. *Wise* waterfront planning seeks to unravel unnecessarily polarized visions, and proceeds at two scales: that of the corridor-wide watershed, and that of the strategic [catalytic] project.

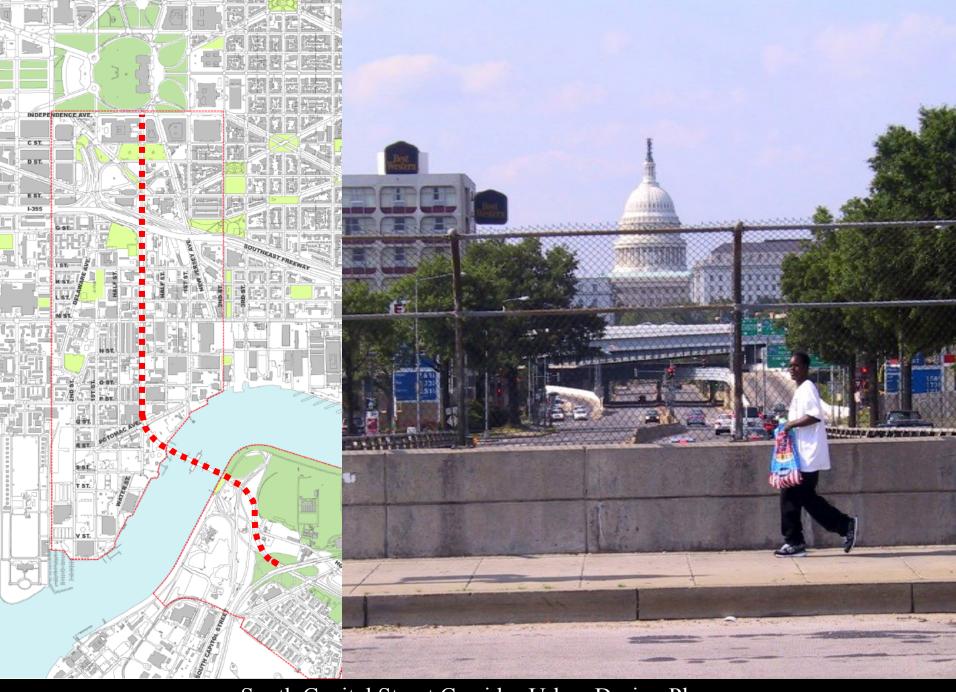
Washington DC











South Capital Street Corridor Urban Design Plan





South Capital Street Corridor Plan & Washington Nationals Ballpark



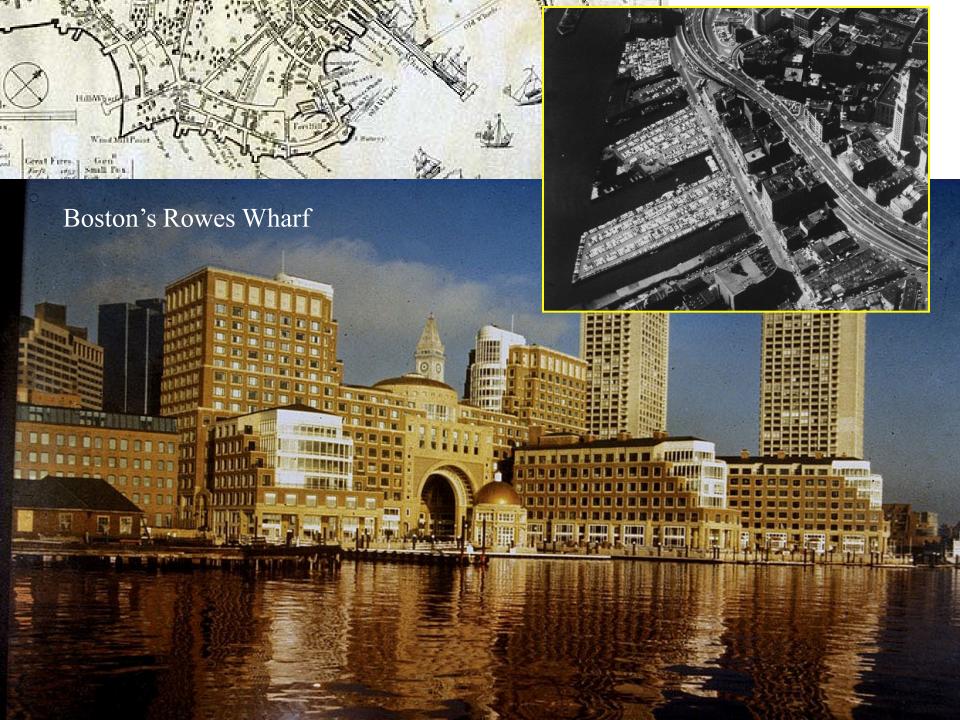
7. To make riverfronts come alive they must become desireable places for dwelling not just to visit and recreate.













The Vancouver, Canada Motto:

"LIVING FIRST"

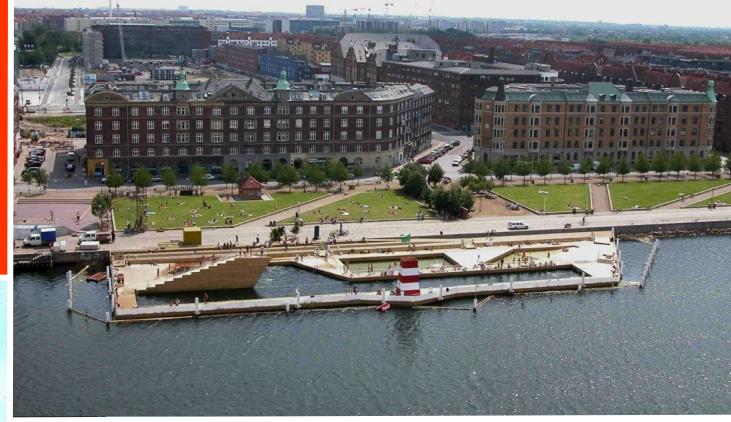








8. The success and appeal of landside development is intrinsically tied to the success and appeal of adjacent water uses.



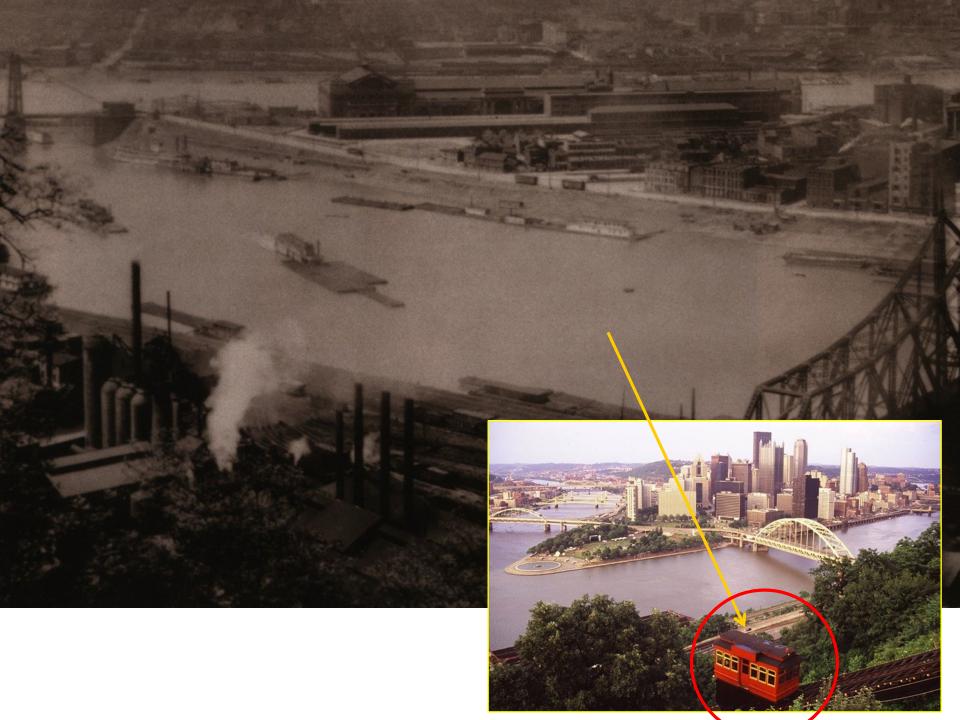
















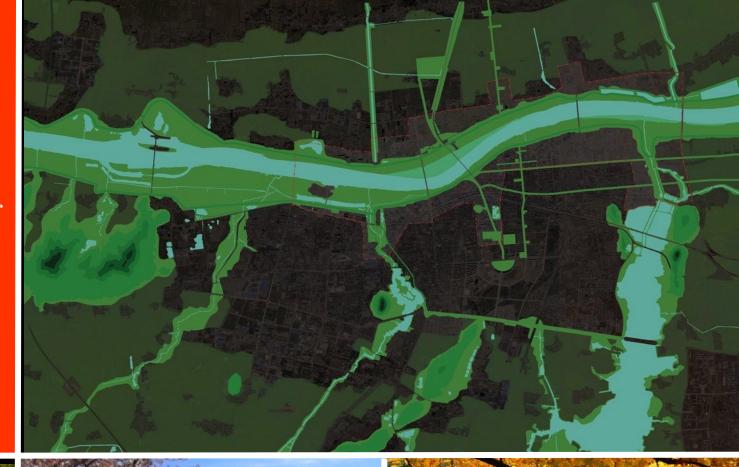








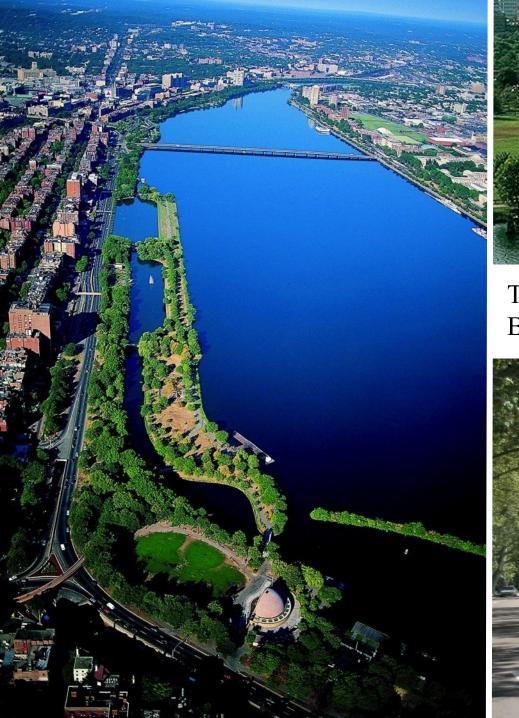
9. A city's waterfront is its umbilical cord to nature, to the salutary affects of natural beauty, and thus demands intelligent environmental stewardship.













The Charles River Esplanade, Boston & Cambridge, MA



Environmental Strategies

water retention areas & Water shore treatment & vegetation enhancement



Main strategies:

- Rain Water Management & Flood Control Infrastructure.
- Finger plan, system of open space areas to increase holding water capacity.
- **Buffer zone** along the Sacramento & Chuviscar rivers



































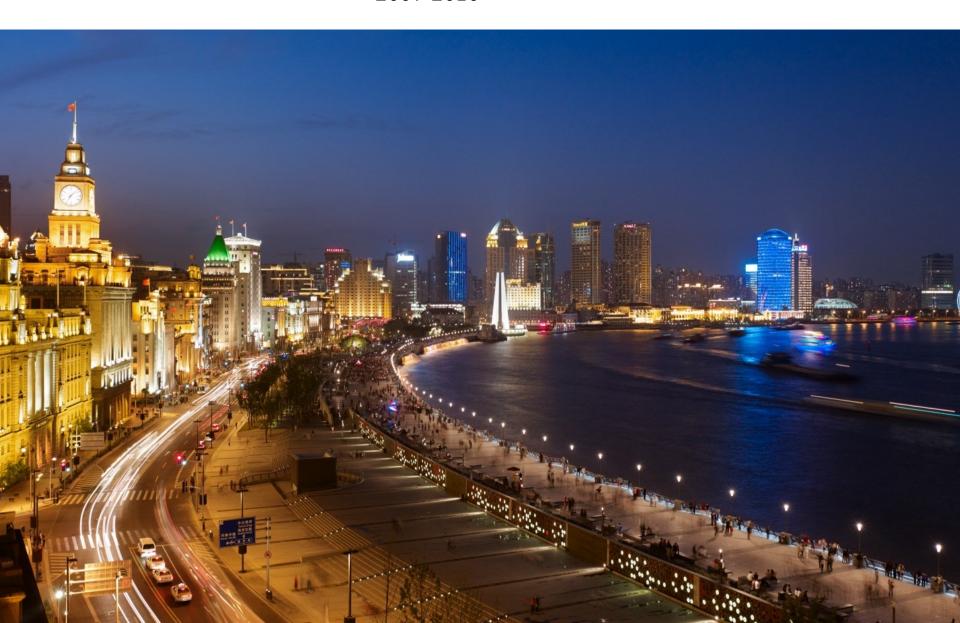
10. A city's waterfront is the setting that provides the best antidote to homogenization or generic urban development





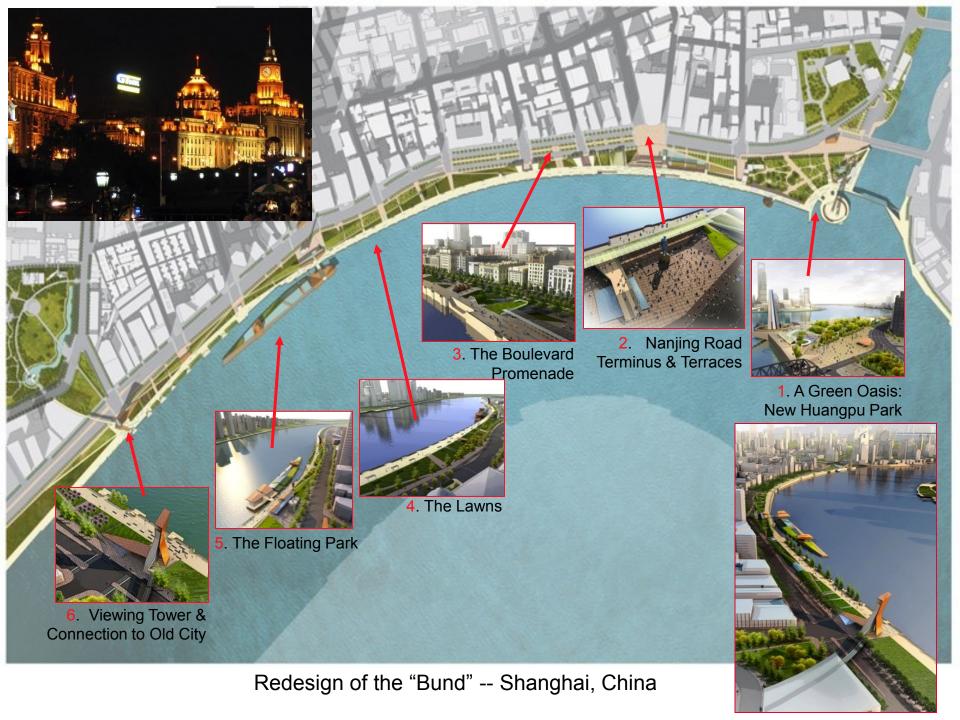


Reconstruction of the Bund, Shanghai, China ₂₀₀₇₋₂₀₁₀ 上海市外滩滨水区城市设计

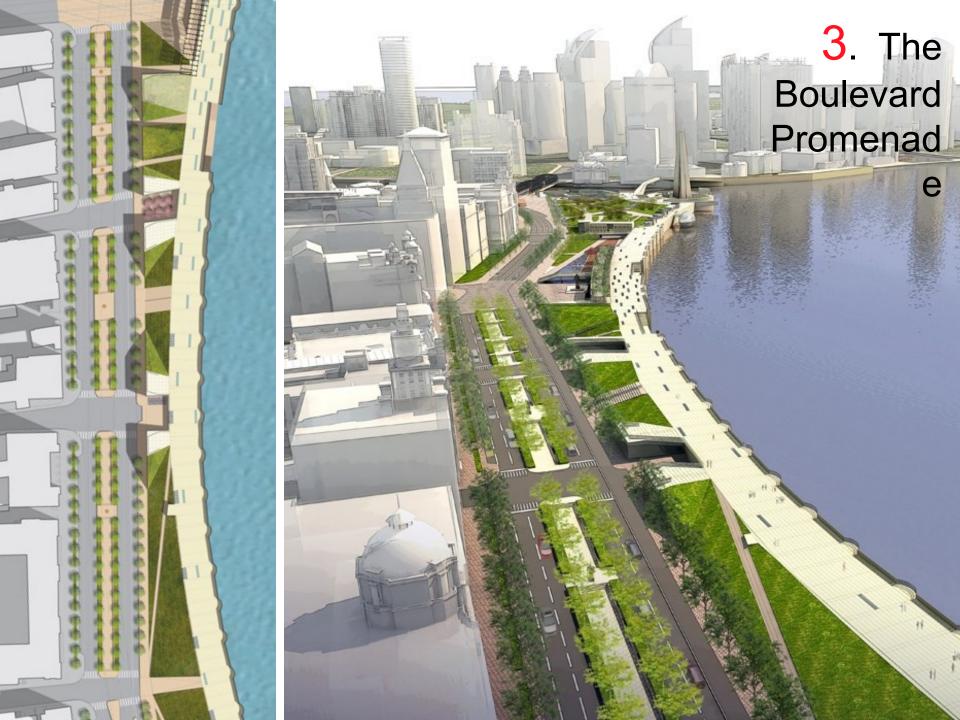
























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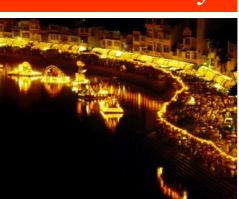






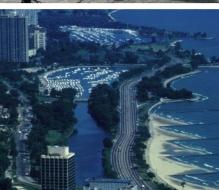












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Cheonggyecheon River Restoration, Seoul, Korea 2002-2006





