



ASLA - Green Since 1899



American Society of
Landscape Architects

ASLA Blue Ribbon Panel on Climate Change and Resilience



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Smart Policies for a Changing Climate: Report of the Blue Ribbon Panel on Climate Change and Resilience



Photo: ASLA

- Core principles
- Key design and planning approaches for creating healthy, climate-smart, and resilient communities
- Public policy recommendations to support those approaches

Policies should:

- Use incentives whenever feasible
- Promote holistic planning and provide multiple benefits
- Address environmental justice and racial and social equity
- Reflect meaningful community engagement
- Be regularly evaluated, including for unintended consequences
- Address regional as well as local and site-specific goals/issues



The report addresses:

- Natural Systems
- Community Development
- Vulnerable Communities
- Transportation
- Agriculture



Emphasis on designing with natural systems

Green Infrastructure

- Maximize use of green infrastructure in urban and suburban settings
 - Green roofs and cisterns
 - Street-level stormwater planters, bioswales
 - Green Street technologies
 - Increased tree canopy
 - Community parks and open space



Emphasis on designing with natural systems

Green Infrastructure

- Maintain and enhance existing natural systems
 - Wetlands
 - Critical water sources
 - Wildlands and natural forest
 - Biohabitats
 - Greenways and wildlife corridors



Benefits of Green Infrastructure



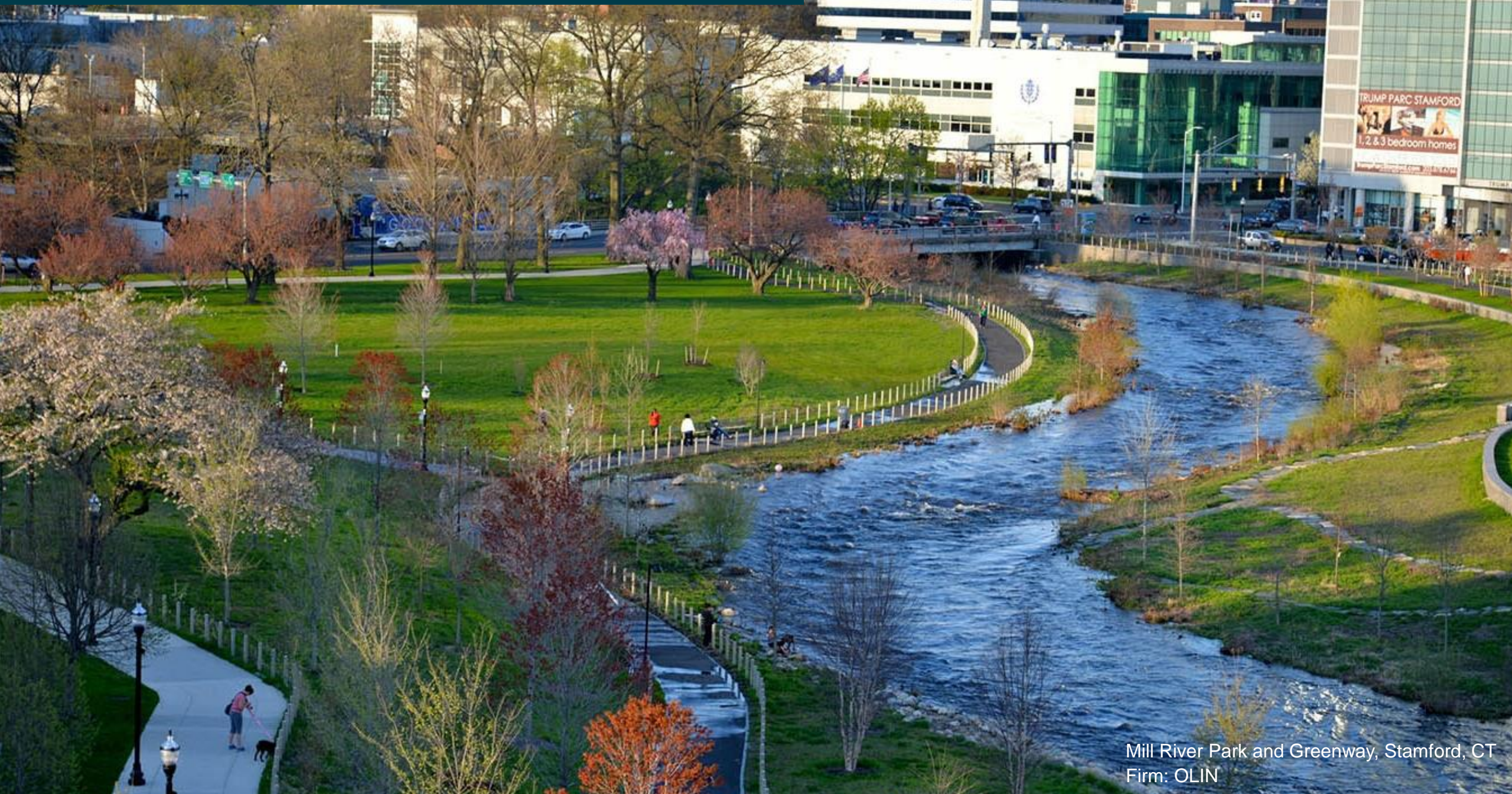
- Manages stormwater and reduces flooding
- Reduces water pollution
- Cools and cleans the air
- Provides biohabitat
- Costs less than “gray” stormwater infrastructure

Smart Policies Policy Recommendation to Promote Green Infrastructure

- Provide dedicated funding for Green Infrastructure
- Provide incentives for:
 - Infiltrating precipitation on site
 - Planting regionally appropriate, pollinator-friendly vegetation
 - Protecting existing green space
- Adopt a national urban and suburban tree planting strategy and tree canopy goals



Water Infrastructure Improvement Act



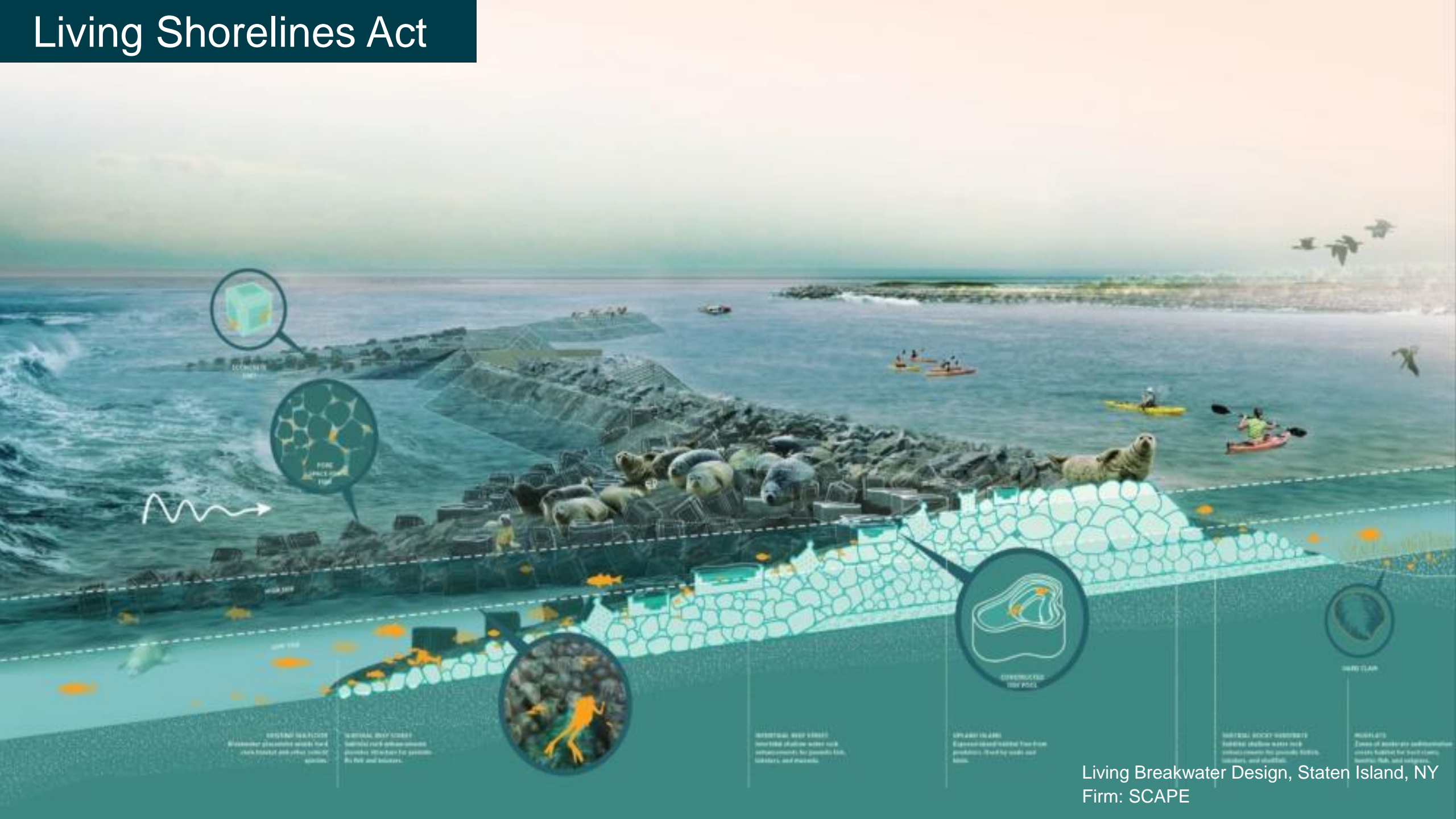
Mill River Park and Greenway, Stamford, CT
Firm: OLIN

Land and Water Conservation Fund



Buffalo Bayou, Houston, TX
Firm: SWA Group

Living Shorelines Act



ROCK ARMOR



ROCK ARMOR WITH ROCK POCKET



VERTICAL ROCK ARMOR WITH ROCK POCKET



VERTICAL ROCK ARMOR WITH ROCK POCKET

ORIGINAL SEA FLOOR
 Unaltered, flat-bottomed seabed with a mix of sand, silt, and other natural sediments.

VERTICAL ROCK ARMOR
 Vertical rock armor armor provides structure for plants, fish, and animals.



VERTICAL ROCK ARMOR WITH ROCK POCKET
 Vertical rock armor armor provides structure for plants, fish, and animals.

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VERTICAL ROCK ARMOR WITH ROCK POCKET
 Vertical rock armor armor provides structure for plants, fish, and animals.

ROCK POCKET
 Zones of deeper, sheltered water provide habitat for hard clams, mussels, fish, and other species.

Environmental Justice



West Shore Park, Baltimore, MD
Firm: Hord Coplan Macht and
Thomas Balsey and Associates

Smart Policies for a Changing Climate

The Report and Recommendations of the ASLA Blue Ribbon Panel on Climate Change and Resilience



ASLA Blue Ribbon Panel Report
www.asla.org/climatepolicies

Continue the conversation at:
<https://climate.asla.org>



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