

LAR 525 – Operative Landscapes
University of Tennessee School of Landscape Architecture
Precedent Project List

The following is a list of contemporary precedents presented as demonstrations of their respective operative themes. While most projects operate across multiple performance categories, their operative characteristics within a single theme were highlighted during each lecture. Project images, diagrams, videos, and other resources were used to illustrate fundamental science powering the performance characteristic, as well as underlying design concepts and drivers. When available, the primary designer or project source is also provided.

Restore, Regenerate

The following projects were presented as demonstrations of a progression from landscape restoration (restoring both ecosystem structure and function) to landscape regeneration (focus on function with novel structure and context)

Nine Mile Run Restoration
Pittsburgh, PA
Andropogon Associates, Primary Landscape Architect

Menomonee River Restoration
Milwaukee, WI
Wenk and Associates, Primary Landscape Architect

Fresh Kills Landfill
New York, NY
Field Operations, Primary Landscape Architect

Park Schinkeleilanden
Amsterdam, Netherlands
Buro Sant en Co, Primary Landscape Architect

Oystertecture
New York, NY
SCAPE, Primary Landscape Architect

Remediate

US Coast Guard Facility
Elizabeth City, NC
Source: PHYTO

Ford Factory
Genk, Belgium
Source: PHYTO

Woodburn Wastewater Treatment Facility
Woodburn, OR
Source: PHYTO

Travis Air Force Base
Fairfield, CA
Source: PHYTO

Queen Elizabeth Olympic Park
London, England
Hargraeves Associates, Primary Landscape Architect

Alumnae Valley
Wellesley College, MA
MVVA, Primary Landscape Architect

Renaissance Park
Chattanooga, TN
Hargraeves Associates, Primary Landscape Architect

Stimulate: Economic

Subset: Programmable Space, Temporal Investment
Queen Elizabeth Olympic Park
London, England
Hargraeves Associates, Primary Landscape Architect

Erie Street Plaza
Milwaukee, WI
Stoss Landscape Urbanism, Primary Landscape Architect

Evergreen Brick Works
Toronto, Canada
Claude Comier and Associates, Primary Landscape Architect

Subset: Fixed Investment
Landschaftspark Duisburg Nord
Duisburg, Germany
Latz and Partner, Primary Landscape Architect

Southworks Chicago
Chicago, IL
SOM, Primary Urban Design

Subset: Generator of New Economic Ecosystems
Detroit Future City
Detroit, MI
Stoss Landscape Urbanism, Primary Landscape Architect

Subset: Economic Activity in Contextual Sphere
Renaissance Park
Chattanooga, TN
Hargraeves Associates, Primary Landscape Architect

Atlanta Beltline
Atlanta, GA
Perkins + Will, Primary Urban Design

Knoxville's Urban Wilderness
Knoxville, TN
Legacy Parks Foundation, Organizing Non Profit

Subset: Cost Effectiveness, Cost Avoidance
Renaissance Park
Chattanooga, TN
Hargraeves Associates, Primary Landscape Architect

Green City Clean Water
Philadelphia, PA
WRT, Primary Planners

Stimulate: Social

Through Jobs Creation, Industry and Commerce as Social Fabric
Detroit TechTown
Detroit, MI
Sasaki Associates, Primary Landscape Architect

Menomonee Valley Restoration
Milwaukee, WI
Wenk and Associates, Primary Landscape Architect

Public Health, Walkability + Sense of Community
Knoxville's Urban Wilderness
Knoxville, TN
Legacy Parks Foundation, Organizing Non Profit

Atlanta Beltline
Atlanta, GA
Perkins + Will, Primary Urban Design

Healthy Environment, Atmosphere and Microclimate
Klyde Warren Park
Dallas, TX
Office of James Burnett, Primary Landscape Architect

U.S. Coast Guard Headquarters
Washington, DC
Andropogon Associates, Primary Landscape Architect

Cambridge Civic Center
Ontario, Canada
Nedlaw Living Walls, Living Wall System Designer

Healthy Food, Food Access
Gary Comer Youth Center
Chicago, IL
Hoerr Schaudt, Primary Landscape Architect

Fayetteville 2030: Food City
Fayetteville, AR
University of Arkansas Community Design Center

Water Resources: Runoff Avoidance and Minimization

Slovenia and Natura2000

Slovenia, EU

Slovenian Ministry of the Environment

Barking Riverside Green Roof Research

Source: TURAS, University of East London

Capitol Canopy

Sacramento, CA

AtlasLAB, Landscape Architecture

Southwest EcoDistrict

Washington, DC

National Capitol Planning Commission

Serenbe Community

Serenbe, GA

Chattahoochee Hill Country Community Plan

Ford's River Rouge Plant

Deerbourne, MI

U.S. Coast Guard Headquarters

Washington, DC

Andropogon Associates, Primary Landscape Architect

Brooklyn Botanic Garden Visitor's Center

Brooklyn, NY

MVVA, Primary Landscape Architect

Allianz Arena

Munich, Germany

Klyde Warren Park

Dallas, TX

Office of James Burnett, Primary Landscape Architect

Seattle Sculpture Park

Seattle, WA

Weiss Manfredi, Primary Urban Design

Millennium Park, Lurie Garden and Maggie Daley Park

Chicago, IL

SOM, Gustafson Guthrie and Nichol, MVVA, respectively

Green City Clean Water

Philadelphia, PA

WRT, Primary Planners

Southwest EcoDistrict

Washington, DC

National Capitol Planning Commission

Dockside Green
Victoria, British Columbia
Perkins + Will, Primary Urban Design

A New Norris House
Norris, TN
University of Tennessee College of Architecture and Design

Water Resources: Stormwater Management and Biological Treatment

Tianjin Qiaoyuan Wetland Park
Tianjin, China
TURENSCAPE, Primary Landscape Architect

Templehoff Wasserpark
Student Project by Johanna F. Barthmaier
PennDesign

Croton Water Filtration Plant
Brooklyn, NY
Ken Smith Landscape Architects, Primary Landscape Architect

Houtan Park
Shanghai, China
TURENSCAPE, Primary Landscape Architect

Uptown Normal Circle
Normal, IL
Hoerr Schaudt, Primary Landscape Architect

Baltimore Harbor Floating Wetlands
Baltimore, MD
Biohabitats, Primary Ecological Design

AMD+ART Park
Vintondale, PA
Dirt Studio, Primary Landscape Architect

George W. Bush Presidential Library
Dallas, TX
MVVA, Primary Landscape Architect

Shoemakers Green
Philadelphia, PA
Andropogon Associates, Primary Landscape Architect

Water Resources: Flood

Cedar Rapids River Corridor Redevelopment Plan
Cedar Rapids, IA
Sasaki Associates, Primary Planners

Mill Race Park
Columbus, IN
MVVA, Primary Landscape Architect

Yanweizhou Park
Jinhua City, China
TURENSCAPE, Primary Landscape Architect

Buffalo Bayou Promenade
Houston, TX
SWA Associates, Primary Landscape Architect

Town Branch Commons
Lexington, KY
SCAPE, Primary Landscape Architect

Sea Change Boston
Boston, MA
Sasaki Associates, Primary Planners

Subset: Rebuild by Design Competition Entries

Living Breakwaters
New York, NY
SCAPE, Primary Landscape Architect

Deeper than the Beach
New Jersey Shore
Sasaki Associates, Primary Planners

Resist, Delay, Store, Discharge
New York, NY
OMA, Primary Designers

Community (re)Building

Project shared due to a comprehensive and holistic approach toward use of operative landscapes for community building and rebuilding.

Detroit Future City
Detroit, MI
Stoss Landscape Urbanism, Primary Landscape Architect

Green City Clean Water
Philadelphia, PA
WRT, Primary Planners

Menomonee Valley Restoration
Milwaukee, WI
Wenk and Associates, Primary Landscape Architect

Queen Elizabeth Olympic Park
London, England
Hargraeves and Associates, Primary Landscape Architect