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 Schinkeleiland**
  Amsterdam, Netherlands
  Buro Sant en Co, Primary Landscape Architect

- **Oystertecture**
  New York, NY
  SCAPE, Primary Landscape Architect

**Remediate**
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)

- **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  
Wellesy 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*
Landscapepark 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

Captitol 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