

Post-Industrial Landscape:

Preservation
Interpretation
Transformation

ASLA2022
DESIGNING A BETTER
FUTURE

Saturday, November 12, 2022

3:45 PM - 5:00 PM

Location: Moscone Center, Room 215-216
1.25 PDH, LA CES/HSW, AIA/HSW, AICP, FL, NY/HSW

Session Overview

Former industrial sites often carry contested legacies. They serve as substantial land assets, carry cultural significance, and are also highly degraded and contaminated landscapes. Join this session to explore how the post-industrial landscape can redefine its ecological, social, and economic value to build resilient communities that reflect our ever-changing world.

Learning Outcomes

1. Understand the value, significance and sometimes contested legacies associated with industrial heritage and its relevance today
2. Explore opportunities post-industrial sites can provide for landscape architecture intervention and multi-disciplinary collaboration
3. Learn strategies and design approaches for preserving, reinterpreting, and transforming post-industrial sites into green public destinations
4. Learn strategies for integrating public realm during the industrial district transformation



Xuhui Runway Park, Sasaki



SteelStacks Arts+Cultural Campus, WRT



Freshkills Park, Field Operations

Dou Zhang, FASLA, SITES AP, LEED AP BD+C
Director of Sasaki Shanghai Office



Ms. Zhang is the Director of Sasaki Shanghai Office, the initiator of Shanghai Landscape Forum, and USGBC Leadership Award Winner. She has designed many award-winning projects in the past 20 years. Her dual background in landscape architecture and architecture, along with experiences on master planning enable her to carry out grand visions as well as finite details, from landscape to a more integrated environment. Her recent practice is focused on public parks and urban landscapes. Ms. Zhang has served as jury member of many national and international competitions. She has been teaching graduate design studio at Tongji University since 2018.

Lisa Tziona Switkin, ASLA, FAAR, PLA
Senior Principal, Field Operations



Lisa Switkin is a Senior Principal at Field Operations and a Past-President of the Landscape Architecture Foundation. With a background in urban planning and landscape architecture, Lisa is committed to improving cities through the design of a holistic, resilient, and vibrant public realm, inspired by place, people, and nature. For 20 years, Lisa has been intimately involved in many complex public realm projects and transformative master plans including the High Line; Domino Park; Hudson River Park's Gansevoort Peninsula; Tongva Park; Seattle's Central Waterfront; The Underline; Shelby Farms Park; and Saint Paul's River Balcony.

Keiko Tsuruta Cramer, ASLA, PLA
Principal, WRT



Keiko is a Principal at WRT with two decades of experience providing creative and inclusive urban places. With degrees in landscape architecture, architecture, and engineering, Keiko uses her interdisciplinary training to provide a unique perspective focused on transforming urban landscape to socially and environmentally resilience community and places. Her projects have included campus master plans, public parks, urban waterfronts, and industrial redevelopments highlighted by 2017 Ruby Bruner Award Gold medalist for Urban Excellence, SteelStacks Arts & Cultural Campus in Bethlehem, PA and the ASLA award-winning Georgetown Waterfront Park. Her experience also led WRT to numbers of international projects and competitions.

Introduction

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1. Types of post-industrial landscapes

2. The design process: questions to designers, potential opportunities and consequences

A. Why reuse?

- a. What are the values?
- b. What are the risks?

B. Where are the opportunities?

- a. Renovation/ redevelopment at site scale
- b. Landscape design interventions to help bring more social, ecological, and economic value to the site
- c. Large-scale urban regeneration of old industrial districts offers rare opportunity to integrate public green space corridors/ green patches linking the site with larger urban green space network

C. How to design?

Preservation
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1. Preserve key industrial facilities and elements, and integrate them into the new setting

Baoshan Steel Park

A 250-acre green artery in an innovation district is to be built upon a retired steel plant, the once largest stainless steel manufacture base in China. The original conveyor system, manufacturing facilities, and equipment clusters are adapted in the forms of paths, public buildings, and gardens as the spatial structure of the new green artery, while the state-of-the-art technologies are applied on soil remediation, stormwater management, reforestation, and energy harvesting, making the park a resilient, inclusive, and memorable place for all groups of people.



Steel Stacks

One of the largest brownfield sites in the country is now showcased as part of a unique cultural and entertainment campus known as the SteelStacks, contributing to the extensive economic resurgence of the Lehigh Valley. The public open space and design elements of the SteelStacks landscape unify the campus and provide the foreground to the spectacular scale and physicality of the furnaces. The Hoover-Mason Trestle, originally commissioned in 1905 to carry cars full of ore from the Yard to the blast furnaces is now reinterpreted to a public park.



Domino Park

The park is part of the transformation of the former Domino Sugar Factory site into a mixed-use development. Inspired by community input and the site's rich history, the 5-acre park reconnects the Williamsburg neighborhood to the East River for the first time in 160 years. The park integrates over 30 large-scale salvaged industrial relics and is one of the first projects to be certified under WEDG (Waterfront Edge Design Guidelines), an incentive-based ratings system to make waterfronts more resilient, environmentally healthy, accessible, and equitable for all.



2. Reinterpret the industrial site in today's context and create contemporary design out of the site spirit

Xuhui Runway Park

A green spine catalyzing the high-density mixed-use district, was converted from the main runway of the once largest airport in China. With limited preservation of the original runway panels, the new park reinterpreted the site's aviation history through its spatial structure as well as the design of all site elements. Along with its cultural continuity, the project's environmental sustainability and its social inclusiveness have earned it the first SITES Gold certification in mainland China.

Freshkills Park

At 2,200 acres, Freshkills Park is the largest park to be developed in New York City in over 100 years. For over 20 years since the closure of the Fresh Kills Landfill in 2001, the site has undergone a massive ecological restoration into a new type of public urban park, where dynamic staging and a process of making, remaking, and reclaiming is part of the design, fostering and nurturing stewardship of the land. Through naturalization over time with an engineered landscape with layers of soil and infrastructure, the park has become a place for wildlife, recreation, science, education, and art.

The High Line

The High Line transforms a former elevated rail line into a 1.5-mile-long urban linear park that serves as both a significant and unique public space and connector. Inspired by the industrial structure and self-sown landscape, the design capitalizes on what was already there and "grows" something new out of something old. Here, preservation and innovation come together to create a new type of park, experience, and way of seeing the city.



Case Studies

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3. Transform industrial district into new uses while preserving its character as an identity

Bai'E Tan Julong Bay

A public realm built upon the existing natural assets and cultural heritages was inserted into the former industrial district during its transformation. The character of the old district was distilled into major design vocabulary applied in the new landscape. Phase 1 of the project has received first SITES Platinum certification in China.



Schoolfield District Vision Plan

Schoolfield, established in 1903 as a textile mill village, and once employed over 15,000 workers, has sat dormant since the 1970s. The planning process will seek to lift up and amplify their history with leveraging the development of the Dan River Mills site to improve the health and wellbeing of the community, increase resiliency, spur new investment and economic development. The plan also aims to preserve the heritage and history and stitch together the treads of Schoolfield & Danville, VA into a rich and vibrant tapestry.



Conversation

Three presenters will discuss and reflect on common themes, unique qualities, and lessons learned from the case studies presented as well as their collective experience. They will also look ahead at how the approaches to reuse and revitalize will evolve in the years to come.

Q&A

Resources and Further Reading

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Baoshan Steel Park

<https://www.sasaki.com/projects/baoshan-steel-park/>

<https://www.sasaki.com/voices/two-sasaki-projects-shortlisted-for-mipim-asia-awards-2021/>

Xuhui Runway Park

<http://www.sasaki.com/project/394/Xuhui%20Runway%20Park/>

<http://www.sasaki.com/blog/view/1188/>

<http://www.sasaki.com/blog/view/930/>

Bai'E Tan Julong Bay

<https://mp.weixin.qq.com/s/gIBCIPAcP7DccGeb10P4xA>

https://mp.weixin.qq.com/s/HPGJM_aFYfUMljsQcoCjTw

Steel Stacks

<http://www.rudybruneraward.org/wp-content/uploads/2017/01/03-SteelStacks-Arts-Cultural-Campus.pdf>

The High Line

<https://www.thehighline.org/>

<https://urbandesignprize.gsd.harvard.edu/>

Freshkills Park

<https://freshkillspark.org/the-park/the-park-plan>

<https://press.moma.org/exhibition/arch-now-nynp/>

<https://www.bloomberg.com/news/articles/2017-02-17/freshkills-park-once-a-legendary-landfill-now-a-haven>

<https://www.nytimes.com/2020/08/14/nyregion/freshkills-garbage-dump-nyc.html>

Domino Park

<https://www.dominopark.com/>

<https://americas.uli.org/domino-park-2020-uli-urban-open-space-awards-finalist/>

<https://www.asla.org/2022awards/5909.html>

Schoolfield District Vision Plan

<https://newschoolfield.com/>



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