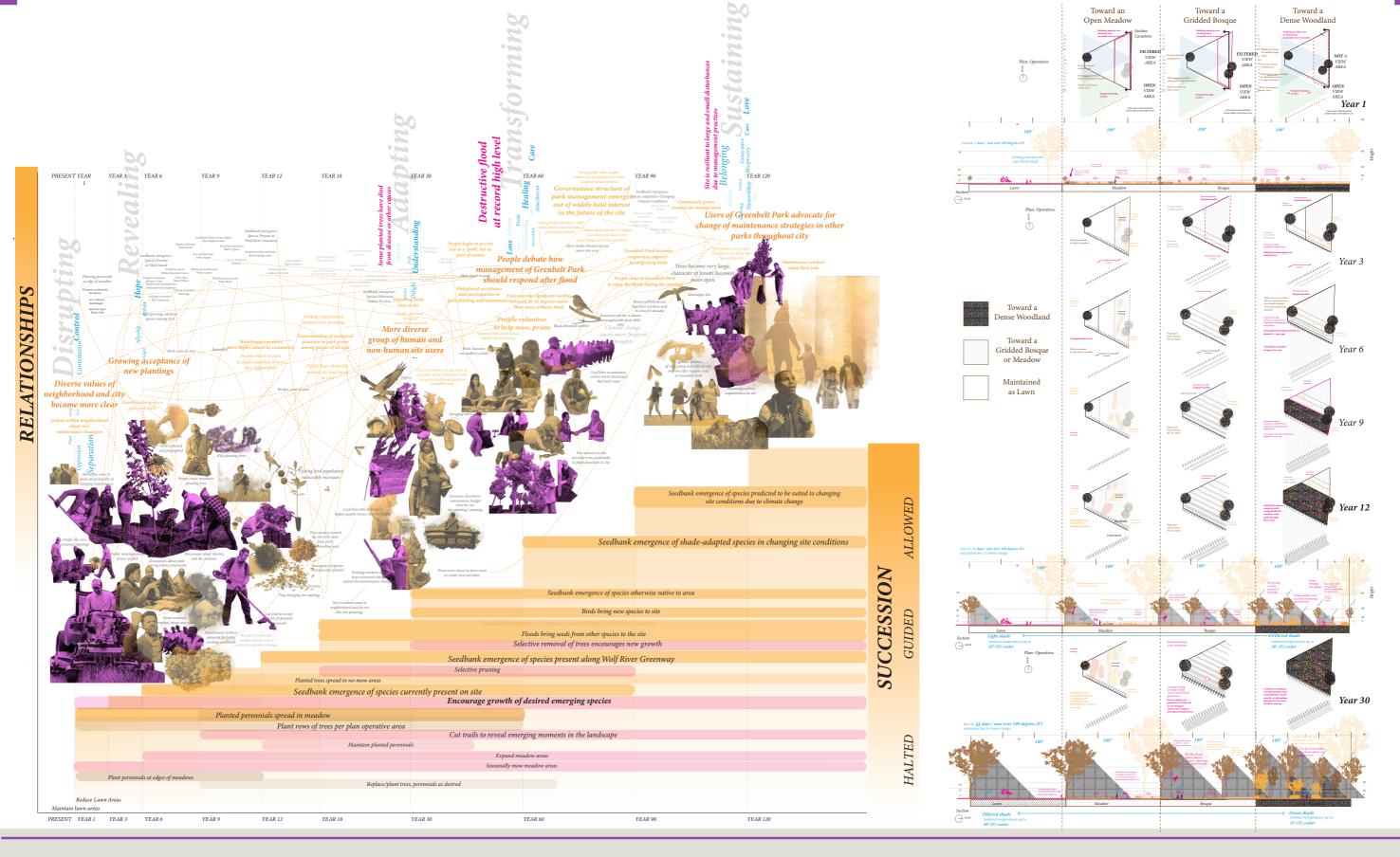


This collection of student work builds on the Cornell University Department of Landscape Architecture's long-standing commitment to buildable design and the situated, material world. Students approach design as an iterative, relational practice grounded in technical acuity, ecological processes, social complexity and material experimentation. Recent projects confront climate uncertainty, land degradation and uneven access to public space through layered strategies that integrate maintenance, succession, infrastructural adaptation and speculative prototyping. The work presented here reflects a sustained commitment to landscape as a site of co-production, where climate adaptation and eco-social renewal are pursued through fieldwork and critically reflective practice. This ethos aligns with broader disciplinary shifts toward regenerative and reparative frameworks and the embrace of hands-on management and care as design tools, while affirming the value of site histories (and futures!) held in material form and the potential of modest interventions to catalyze meaningful change over time.





United States, Ithaca
Cornell University
2022 - 2023
Maintenance / Emergence
Kate Chesebrough



Title of the project Authors Kate Chesebrough

Title of the course LA6010 Integrating Theory and Practice I

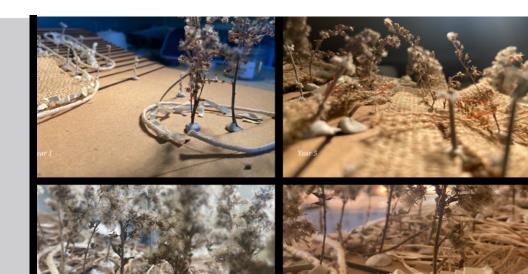
Academic year 2022 - 2023

Teaching Staff Jamie Vanucchi, Associate Professor

Department / Section / Program of belonging Department of Landscape Architecture, Masters Program

University / School Cornell University













Written statement, short description of the project in English, no more than 250 words

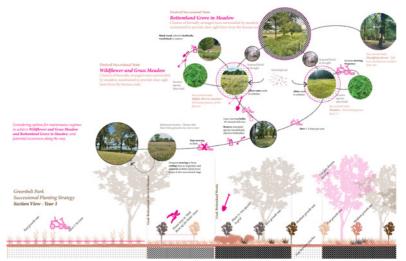
This project asserts the role of maintenance to re-shape relationships within Mud Island Park in Memphis, TN, While the site is immediately adjacent to the dynamic Mississippi River and as urban heat becomes increasingly dangerous, frequent mowing suppresses floodplain ecologies and large shade trees are imperiled by dominant neighborhood groups. The site appears inaccessible, serving a fraction of potential users despite public ownership.

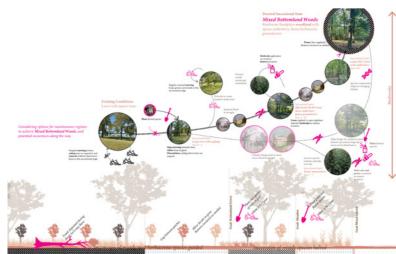
The proposal conceptualizes a series of decisions which incrementally shift relationships. Processes of contestation and disruption can lead to important community-wide conversations by revealing diverse values and hopes for the site. Guiding ecological succession shapes spatial compositions of plant communities. Strategies include a variety of mowing, pruning, thinning, protection, and planting methods to diversify the densities, textures, and heights of woody and herbaceous plants. This transforms the site into a patchwork of ecological and programmatic assemblages that frame river views, bloom ephemerally, create microclimatic shade, and provide a network of spaces for gathering, circulation, and recreation. Process-based diagrams, drawings, and physical models capture the experimental, fluid nature of the site, illustrating trajectory scenarios of the open-ended nature of the proposal and engaging with the physicality of water and sediment. Maintenance invites community caretaking and continual re-evaluation of values demonstrated through public space. Emergent expressions of Mud Island Park can build resilience amid community divisions, loss of native habitat, and erasure of floodplain identity. Community and ecological relationships are powerful agents of design over time, enacted through practical gestures of maintenance and yielding multiple potential futures.

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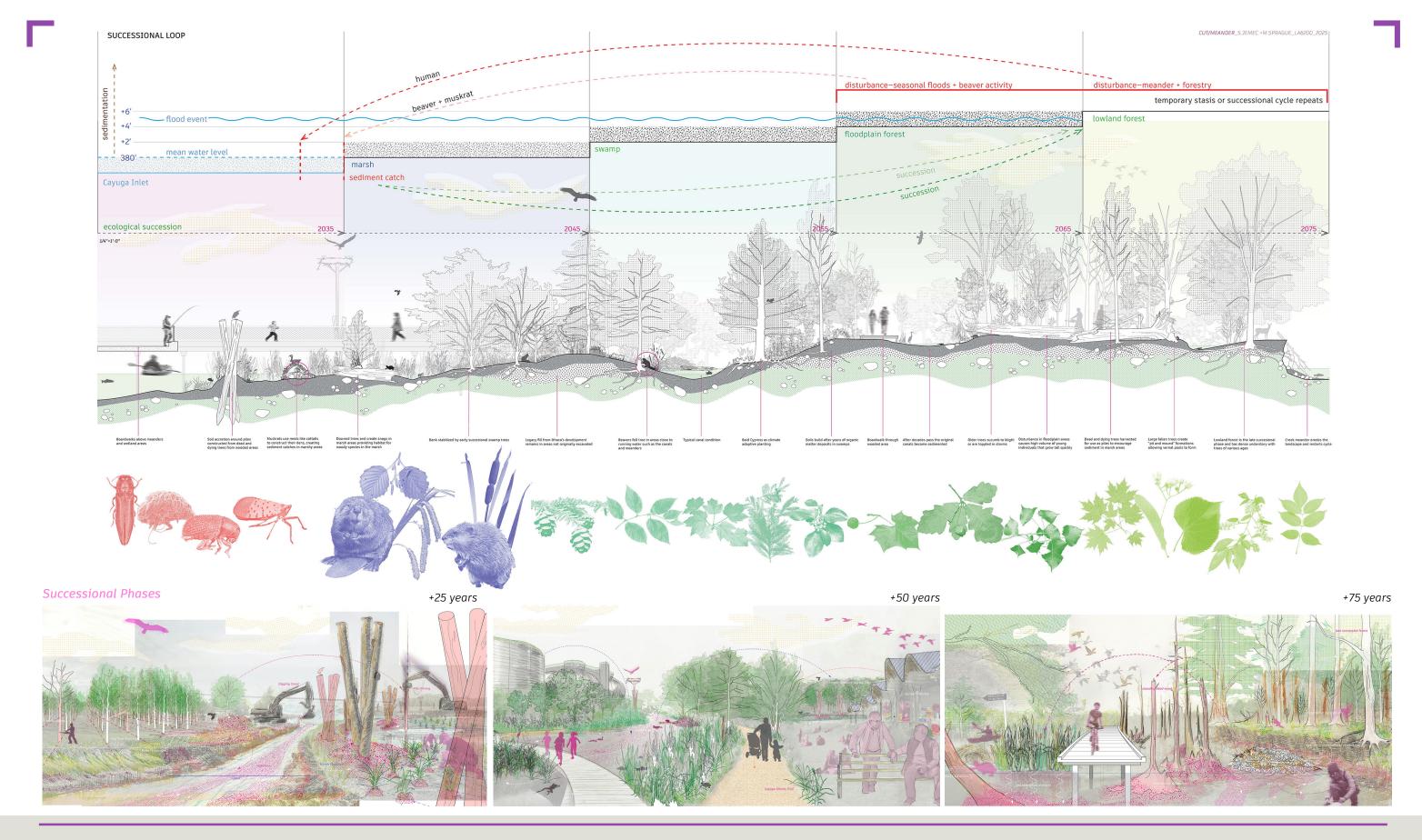












United States, Ithaca

Cornell University

2024-2025 Cut/Meander

Sebastijan Jemec and Matthew Sprague



Title of the project
Authors
Sebastijan Jemec and Matthew Sprague

Title of the course
LA6020 Integrating Theory and Practice II

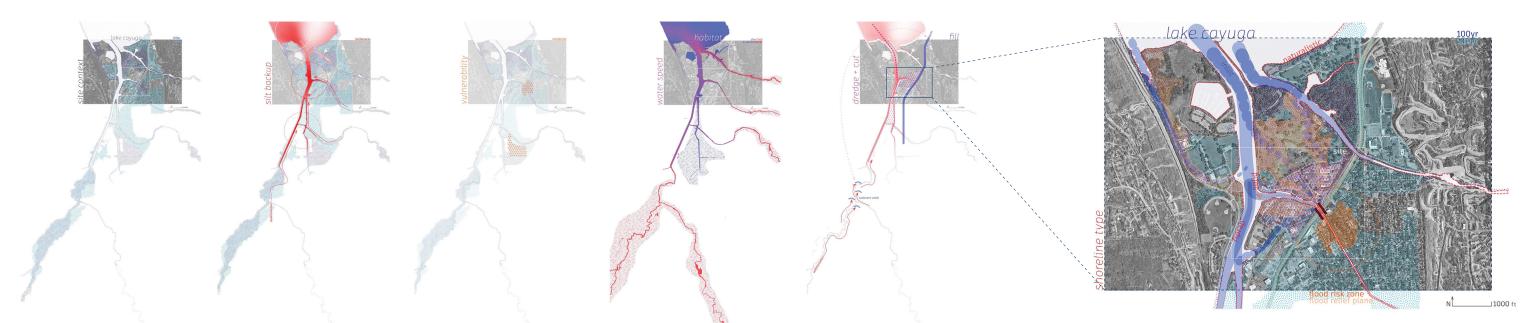
Academic year
Teaching Staff
Hannah Hopewell, Lecturer

Department / Section / Program of belonging
Department of Landscape Architecture, Masters Program

Cornell University

Cornell University





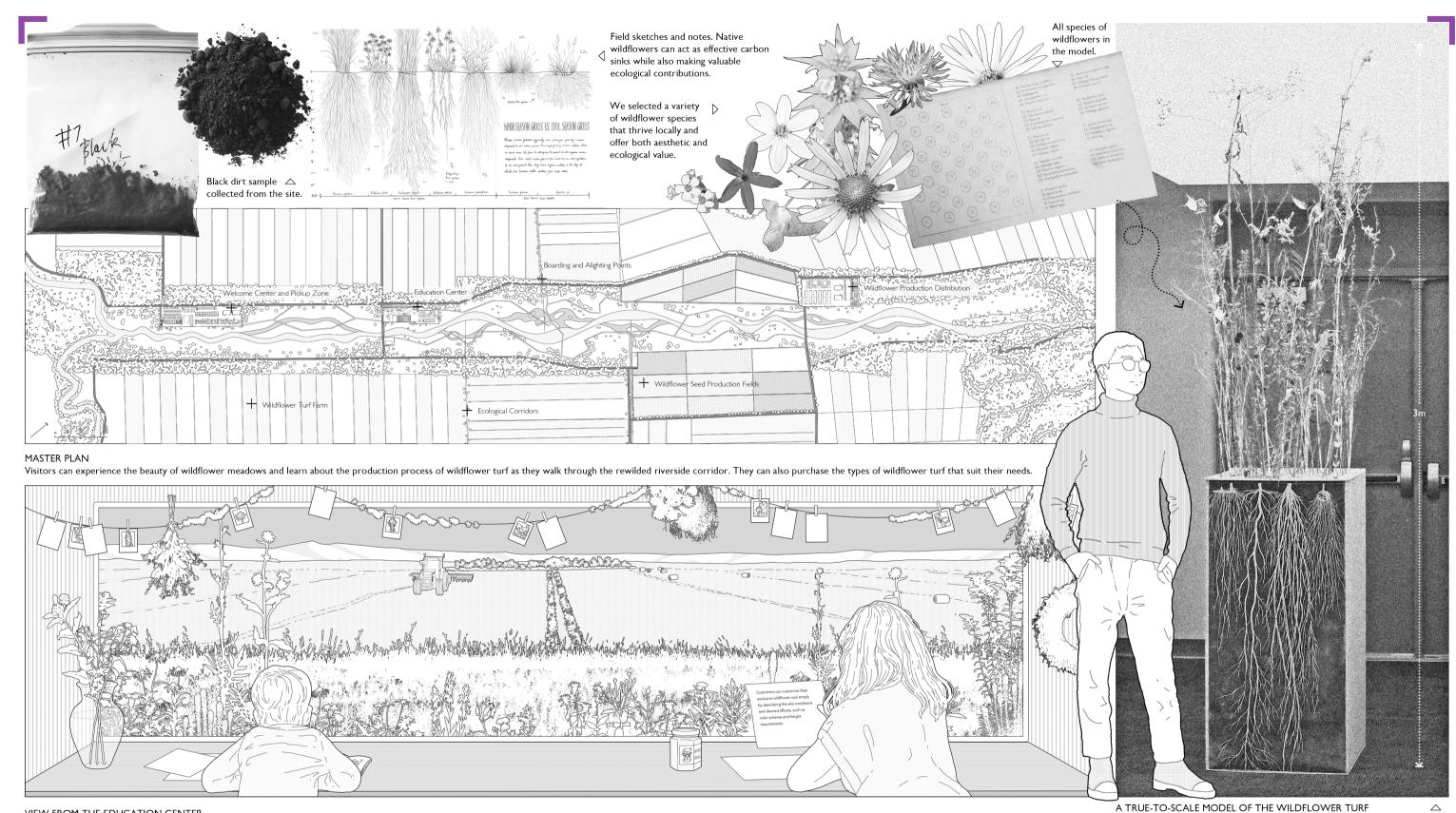
Written statement, short description of the project in English, no more than 250 words

Cut/Meander embraces the agency of the waterbody in visioning of a multi-valenced and just public space in Ithaca, NY. Drawing from Cayuga Inlet's historical predilection to meander, this project embraces this process and the various agents that simultaneously influence, and are influenced by these flows to propose a space where ecologies, infrastructures, and civic engagement coexist and become entangled. To alleviate flood risk in Ithaca's Fall Creek neighborhood, a series of stepped areas are established as a gradient of ecotones that correspond to the successional phases of floodplain zones. While the initial organizational system of interventions (cuts) take their form from the projected city grid, this rectilinearity will blur (meander) as the inlet erodes the landscape in some places and deposits sediment in others. Underserving space like the golf course is de/re-claimed, while critical civic infrastructure like Ithaca's municipal waterworks and Farmer's Market are embedded in these floodable zones and connect people to the water, but are protected from destructive effects of floods via strategic microtopography. This project is influenced by the ecological processes in wetlands and floodplains, particularly the workings of beavers and muskrats that significantly alter the landscapes. It embraces the dynamic complexity and uncertainty inherent in a changing climate by utilizing these cycles of disruption and succession, and proposes a series of native and experimental forest and wetland types where various plant communities act as anti-fragility land labs. Cut/Meander is a vision for publicness in Ithaca that enables expanded relationalities on the Cayuga Inlet.

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VIEW FROM THE EDUCATION CENTER

From the education center, visitors can comfortably enjoy the view of the rewilded floodplain, where wildflower meadows are integrated with productive grassland. This highlights the project's role in combining ecological restoration with agricultural use.

Made from dried stems of actual native New York wildflowers. It illustrates the impressive depth that their root systems can reach once the meadow matures.

Country/City
University / School
Academic year
Title of the project
Authors

United States, Ithaca

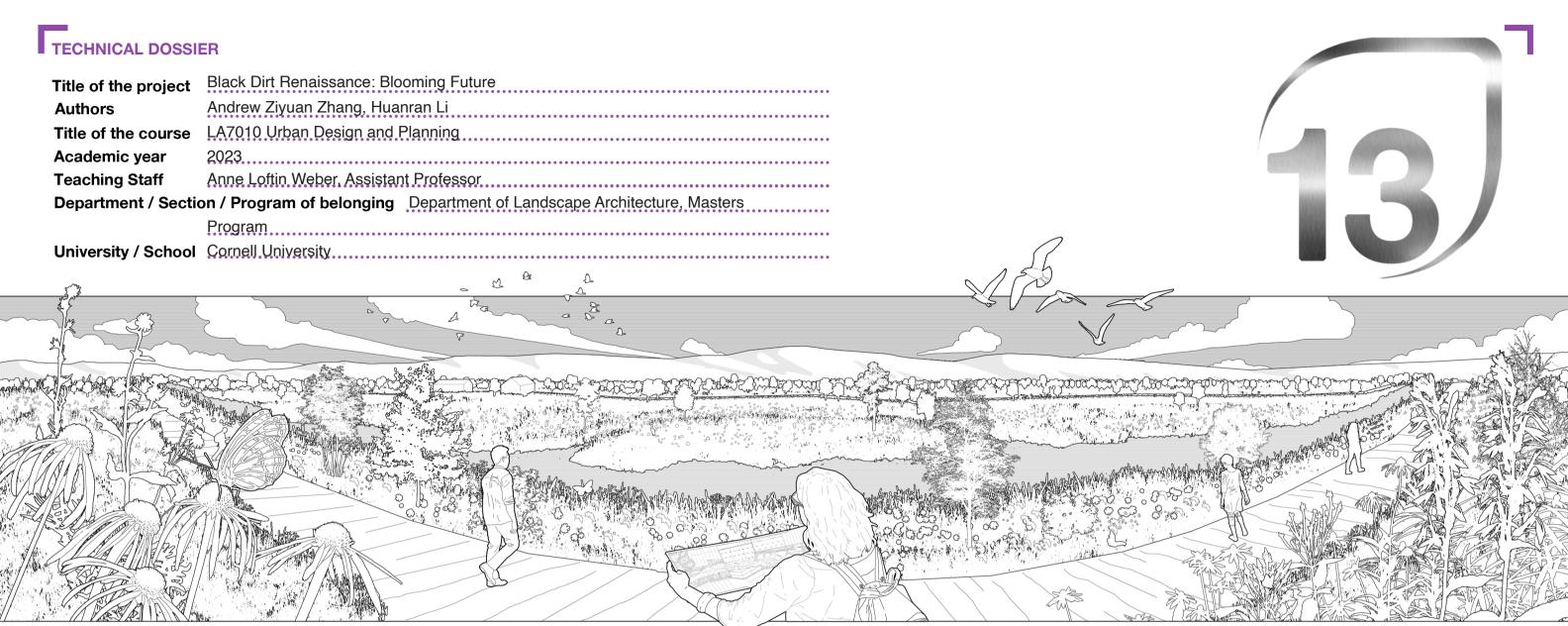
Cornell University

2023

Black Dirt Renaissance: Blooming Future

Andrew Ziyuan Zhang, Huanran Li



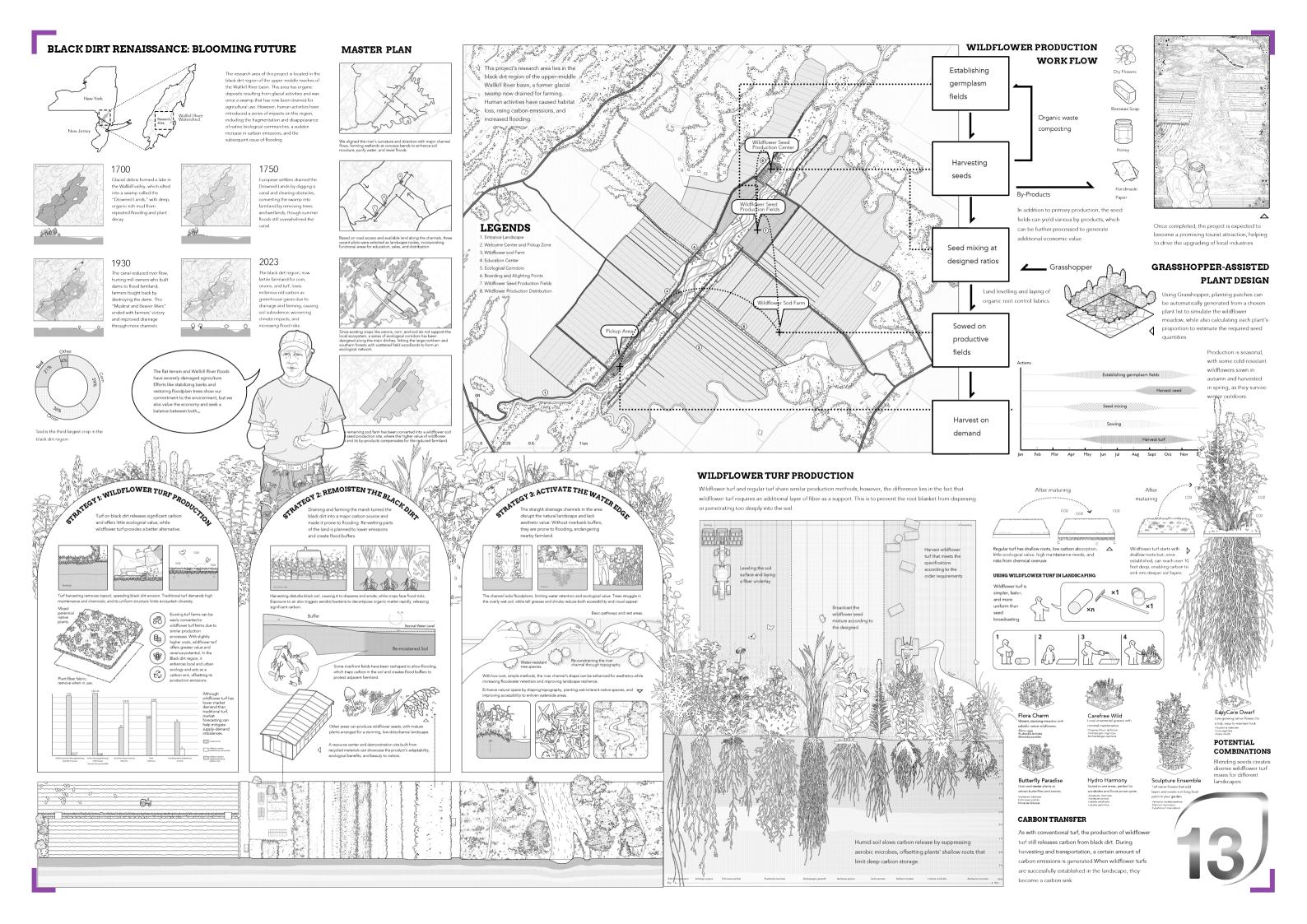


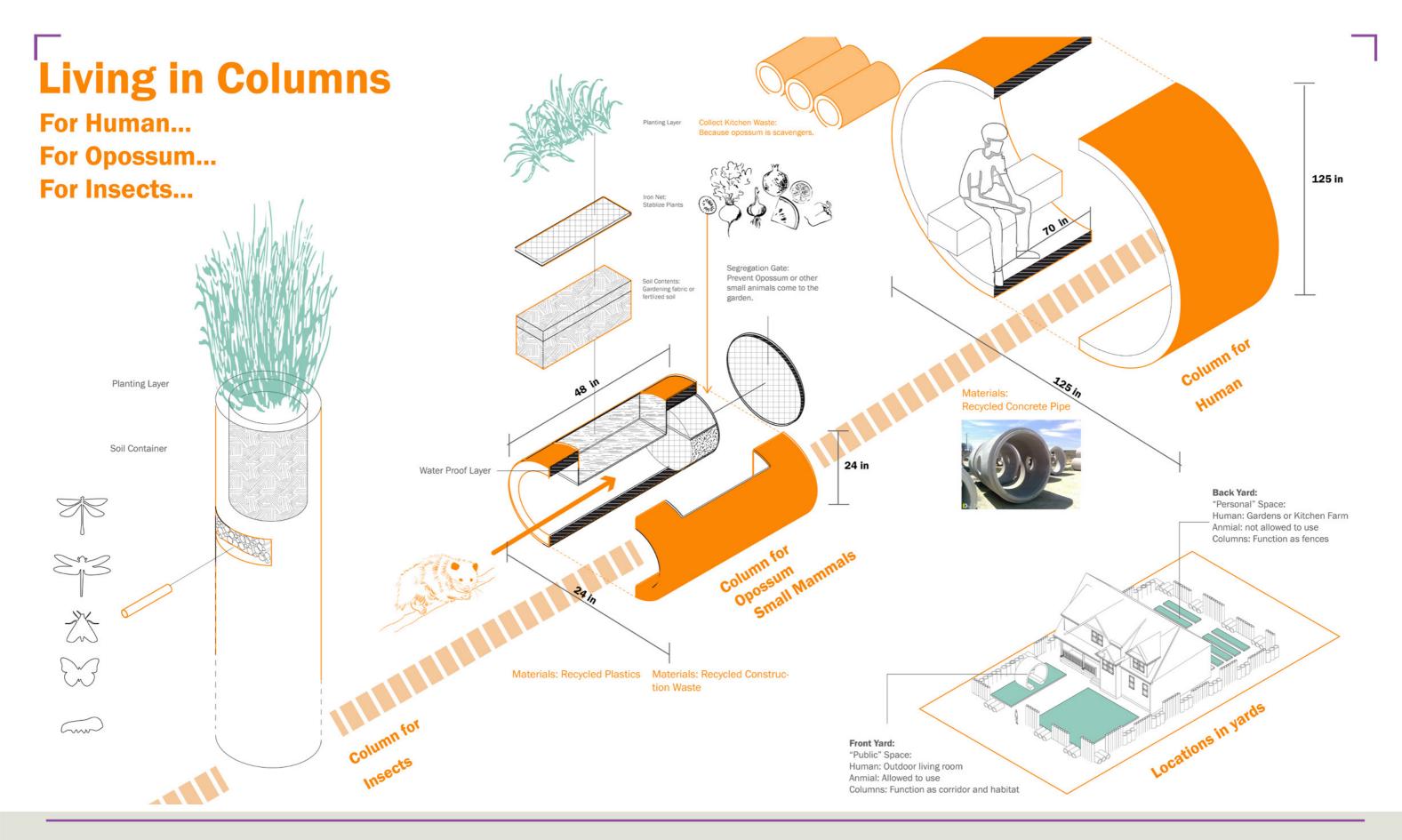
Written statement, short description of the project in English, no more than 250 words

Located in the Black Dirt Region of the upper-middle reaches of the Wallkill River Basin, this project addresses a landscape shaped by glacial activity and long-standing wetland processes. The region's rich organic soils, the remnants of ancient swamps, once supported diverse native habitats, but decades of agricultural intensification have led to fragmentation and ecological decline. After extensive research, study, and design, the proposal puts forward three interwoven strategies to balance ecological regeneration with local economic benefit. Promote wildflower turf production to reintroduce perennial root systems that act as carbon sinks, while providing a resilient and diversified agricultural product that mitigates supply-demand imbalances. Create pastoral complex in regularly flooded zones to avoid excessive carbon release from soil disturbance, while offering new grazing-based land uses that function as flood buffers. Reactivate green spine by gently reshaping the straightened river channel using low-cost interventions, restoring the site's flood-storage capacity, accessibility, and aesthetic value. Together, these strategies aim to deliver a low-carbon, ecologically vibrant, and economically viable future for the Wallkill landscape. By linking production with restoration, the project enables customers to actively support biodiversity and carbon capture, while offering a scalable model for regenerative land use across the region.

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United States, Ithaca

Cornell University

2024-2025

Habitat Asthetics: Redefining Animals and the Domestic

Kueting Jin



Title of the project	Habitat Asthetics: Redefining Animals and the Domestic
Authors	Xueting Jin
Title of the course	LA 7020 Advanced Design Stuido
Academic year	2024-2025
Teaching Staff	Jennifer Birkeland, Associate Professor
Department / Section / Program of belonging Department of Landscape Architecture, Masters Program	
University / School	Cornell University





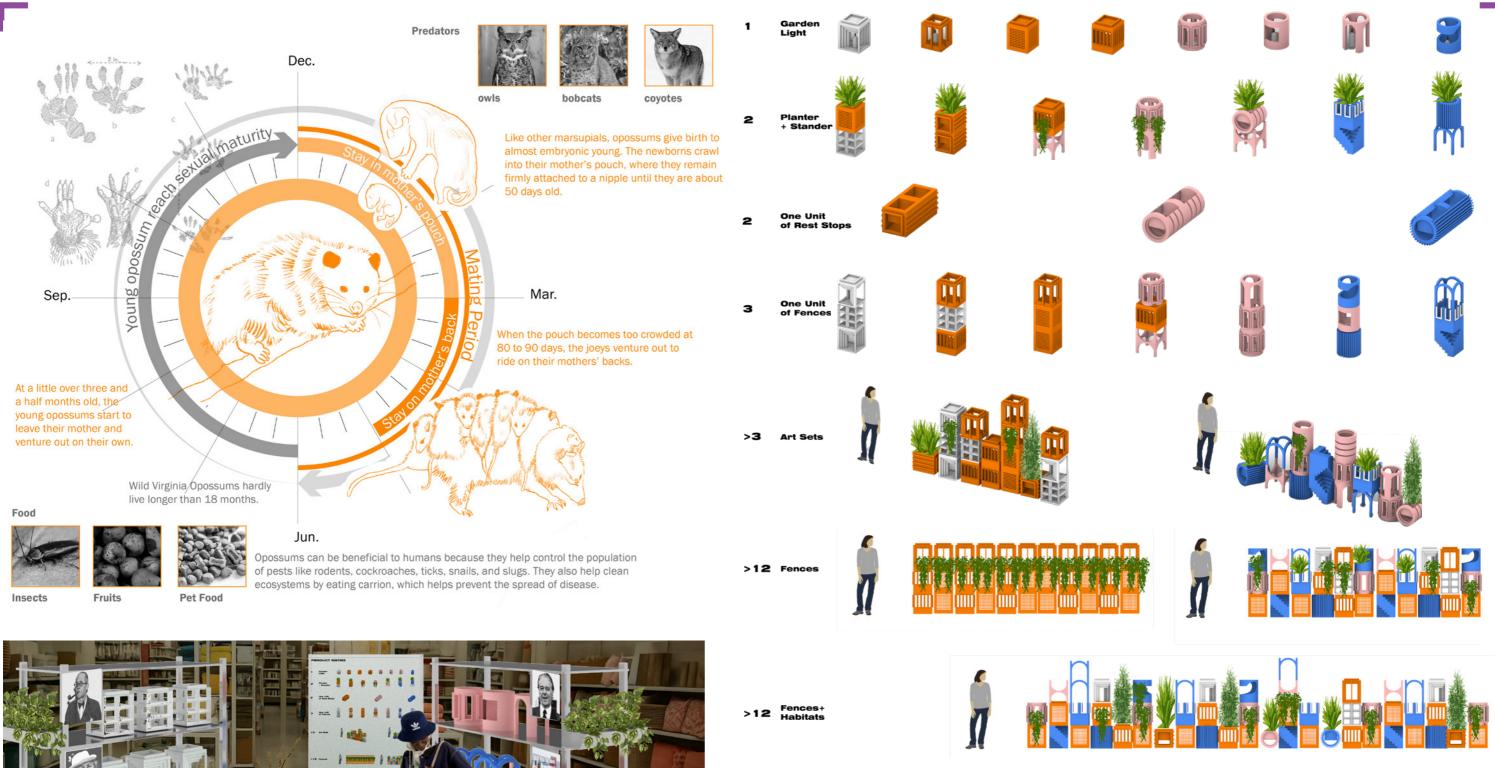


Written statement, short description of the project in English, no more than 250 words

This project aims to attempt a dialogue for both animals and humans with the domestic realm. Utilizing the
Virgina Opossum as the highlighted species, the concept was to challenge the performance of the suburban
fence. Identifying the perimeter between parcels as a conduit for small animals, the fence defines a new
corridors to connect larger ecological patches. The prototype, which suits the requirements of the opossum's
habitat and nesting, provides a basic function as a planted fence with embedded burrow. Expanding on the
project in terms of it's aesthetics and marketing, style and color were explored as formal drivers to expand the
products reach. Borrowing from famous architects' works as a cultural cornerstone, the modules would be made
out of cheap and durable materials for production and accessibility. The project tries to merge urbanism, ecology
industrial design, contemporary consumer culture, and design to challenge new ways of our built environment.

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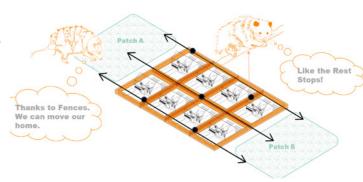




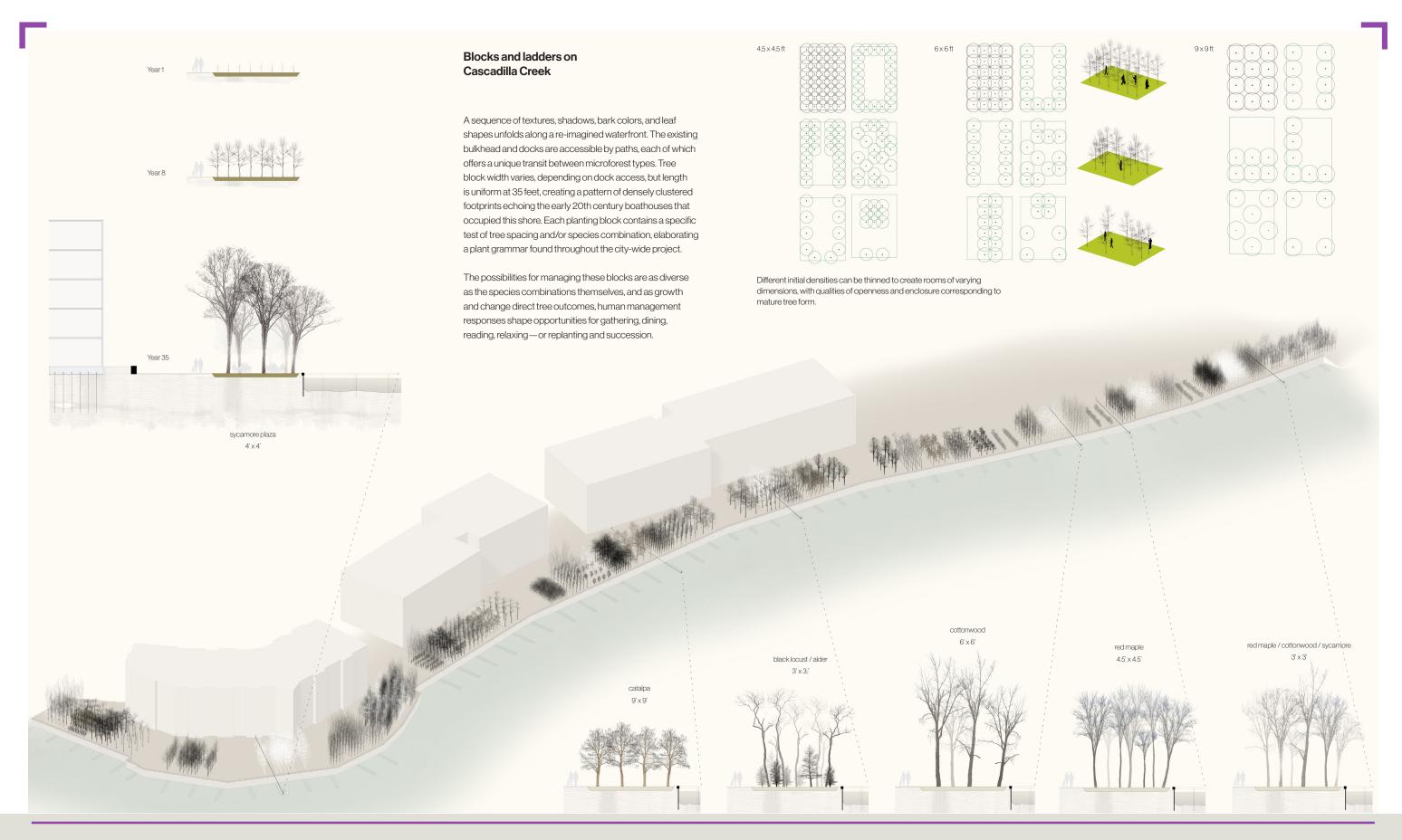
The traditional fences are liner, the boundaries are fixed, isolating home from surrounding environment.



However, the boundaries can be expanded, since human don't use these spaces, why not leave the fence spaces back to others?







United States, Ithaca, NY
Cornell University
2022-2023
Landscape Arborism
Dan Meyer



Title of the project
Authors
Dan Meyer
Title of the course
Academic year
Teaching Staff
Department / Section / Program of belonging
University / School

Landscape Arborism

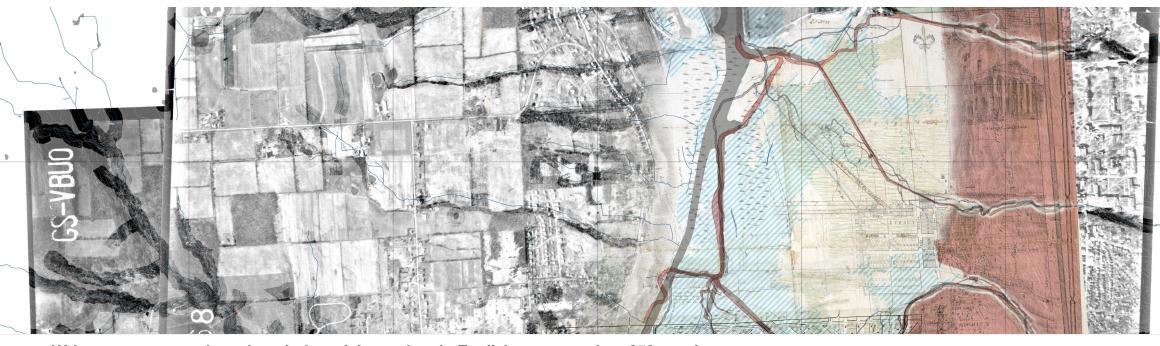
Landscape Architecture

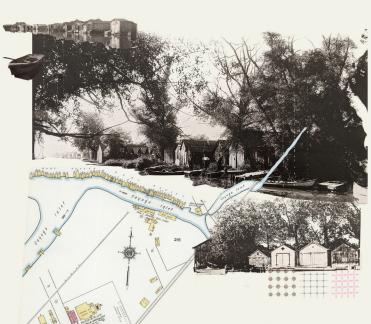
2022-2023

Academic year
Department / Section / Program of belonging
Department of Landscape Architecture, Master's Program

Cornell University







Written statement, short description of the project in English, no more than 250 words

Drawing on fieldwork conducted in designed forests and urban treescapes in Europe, this thesis translates the legacy of planted forest parks into design tests based in Ithaca, New York. Ithaca is a city of channelized creeks and infilled wetlands where increasingly intense rainfall events reveal the present-day inadequacy of historical planning decisions. Twentieth-century water control infrastructure was built at the expense of an existing tree vernacular where quick-growing species adapted to wet or challenging soil conditions found pride of place along pedestrian-friendly watersides. Landscape Arborism reclaims Ithaca's tree identity and mobilizes it to create climate conscious and experientially diverse public space.

Pairing one key design move—planting densely, in a grid—with principles of creative management allows for experimentation and discovery while guiding trees toward desired future forms. Trees are more than instruments we task with absorbing carbon and providing shade; their capacity to structure space and foster sense of place combines occupiable infrastructure with civic good. Assembling a new urban tree lexicon establishes the conditions for an endless series of relations and negotiated actions between people and trees in close proximity to each other. Ultimately, this approach suggests a new development paradigm wherein trees drive landscape change alongside planners and designers.

By offering a range of planting strategies rooted in site history and foregrounding the role of human management through time, Landscape Arborism articulates a new power for trees as spatial coagents of the continually unfinished future city.

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