

Susannah Churchill Drake

Associate Professor, Program in Environmental Design
University of Colorado, Boulder

I. EARNED DEGREES

MLA	1995	Harvard University	Graduate School of Design
MArch	1995	Harvard University	Graduate School of Design
BA	1987	Dartmouth College	Art History

Professional Registration Architecture: New York, Louisiana, Colorado, Florida

(Three-year internship and nine professional registration exams)

Professional Registration Landscape Architecture: New York, Colorado, New Jersey, Missouri, Arkansas

(Three-year internship and five professional registration exams)

II. ACADEMIC EMPLOYMENT

2019 – Present	Associate Professor	University of Colorado Boulder Program in Environmental Design
2018	Visiting Professor	Escola da Cidade, Sao Paulo, Brazil
2010 – 2016	Visiting Professor	Harvard University, Graduate School of Design
2016	Morgenstern Visiting Chair	Illinois Institute of Technology College of Architecture, Chicago IL
2015	Visiting Professor	Washington University, St Louis, MO
2014	Cejas Scholar	Florida International University Miami FL
2012	Visiting Professor	Syracuse University, School of Architecture. Syracuse, New York
2011 – 2012	Associate Professor	the Cooper Union for the Advancement of Science and Art, Irwin S. Chanin School of Architecture New York, NY
2007 – 2009	Adjunct Professor	the City College of New York, Bernard and Anne Spitzer School of Architecture, New York, NY

III. PROFESSIONAL EMPLOYMENT

2005 – Present	Founding Principal	DLANDstudio Architecture and Landscape Architecture PLLC, New York + Denver Registered women business enterprise, New York, DBE Louisiana and Colorado.
2005	Associate	Allied Works Architecture, NY, NY
1999-2005	Associate	Rogers Marvel Architects NY, NY
1998-1999	Designer	Dennis Wedlick Architect, NY
1995-1998	Designer	Beyer Blinder Belle Architects & Planners NY

IV. TEACHING

A. ADVISOR

Forbes Lipschitz MLA, Assistant Professor, Landscape Architecture, The Ohio State.
Halina Steiner MLA, Assistant Professor, Landscape Architecture, The Ohio State.
Parker Sutton, MArch, Assistant Professor Architecture, The Ohio State.
Claire Napawan, MLA, Associate Professor, UC Davis.
Rebecca Hill, MLA, Adjunct Professor University of Southern California.
Brett Seamans, MLA, Visiting Professor, CCNY.
Joshua Price, MLA, Visiting Professor, Fordham University.
Jonathan Boelkins MArch, Clinical Assistant Professor, University of Arkansas.
Teddy Kaufman MArch, Visiting Professor Cooper Union.
Yong Kim, MAUD, Graduate RA/TA, Harvard University GSD.
Susan Quilligan Maurer, MFA, Visiting Instructor, Kent State.

B. TEACHING ACTIVITIES

CU Curriculum Development

1. New Course: **Ecology in Design** – A new required undergraduate lecture course for Environmental Design that introduces students to ecology and design through readings about important 20th Century theorists and practitioners.
2. New Course: **Still Life – Representation to Abstraction** – A new third year studio course for Environmental Design focusing on urban design, program adjacency, vertical circulation, and the formation of and understanding of space, structure and scale in multi-level building design. Course involved investigation and translation of verbal terms into formal expression and exploration of the ideas inherent in Clyfford Stills works.
3. New Course: **Tidal Basins: The Nature of Democratic Space in an Era of Climate Change.** Intermediate landscape architecture studio examining the impact of climate change on the National Mall in Washington D.C.
4. New Course: **Nature of Wellness: A Sense of Place, a Sense of Time, a Path to Wellness.** A new second year architecture studio design course focused on developing the Renee Crown Wellness Center, an “Interdisciplinary research center to promote the wellness of young people and the systems and adults who support them.”

Curriculum Development at other Universities

1. New Course: **Models, Prototypes and Projections:** Advanced graduate student seminar on dynamic computer modeling and its application to global climate change impacts. Harvard University, Graduate School of Design.
2. New Course: **Between the Bridges: Beyond the Grid.** Interdisciplinary graduate level urban design studio on complex site in New York City exploring extreme impacts of sea level rise and adaptation design. Harvard University, Graduate School of Design.
3. New Course: **Campus as Urban Incubator:** Exploration of campus as center of economic and cultural productivity. Illinois Institute of Technology.

4. New Course: **Exchange Place**: Rethinking the role of ecology and infrastructure in the city with the goal of new resilient waterfront architecture. Syracuse University
5. New Course: **Somewhere to Nowhere**: Re-Imagining life in American Sprawl. Studio challenges the patterns of American suburban sprawl and asks how architecture can have a role in making a better environment. The Cooper Union.
6. New Course: **Nature of Urbanity**: A Sense of Place, A Sense of Time, A Course of Action. Advanced undergraduate design studio explores opportunities to transform the experience of the city by rethinking how increased climate change impacts might help us design a reflexive urban design strategy that reflects cultural, economic, political, formal, and ecological forces. The Cooper Union.

Teaching Grants

1. ENVD Research Apprenticeship Mini-grant (\$4,000)

V. SCHOLARLY ACCOMPLISHMENTS

A. PUBLISHED BOOKS AND CHAPTERS

1. Carolyn Kousky, Billy Fleming, and Alan M. Berger (editors) *A Blueprint for Coastal Adaptation: United Design, Economics, and Policy* (2020), Island Press.
Chapter by Drake, S.C., and Segal R.: "Coastal Urbanism."
2. Public Space Reader, edited by Mitrasinovic, Miodrag, and Mehta, Vikas, Routledge, an imprint of Taylor & Francis Group 2020.
3. "WPA 2.0; Beauty, Economics, Politics, and the Creation of New Public Infrastructure," Chapter in Nature & Cities: The Ecological Imperative in Urban Design and Planning, MA, Lincoln Land, 2016.
4. Drake, Susannah C., and Susan Chin. "Living in New York City." Chapter in DEMO:POLIS - The Right to Public Space, edited by Barbara Hoidn, pp. 232--233. Zurich: Park Books, 2016.
5. Bauer, Caroline, Susannah C. Drake, Rosamond Fletcher, Chat Travieso, and Douglas Woodward. Under the Elevated: Reclaiming Space, Connecting Communities. New York: Design Trust for Public Space, 2015.
6. "Elastic Landscape – Seeding the Ecology in Public Open Space and Urbanism," Chapter in Infrastructural Urbanism: Addressing the In-Between, Ed Thomas Hauck, Regine Keller, Volker Kleinekort, Berlin 2011.
7. Reprint from Hauck, T., Keller, R. and Kleinekort, V. (Eds.) (2011) Infrastructural urbanism: Addressing the in-between. DOM publishers.
Chapter by S.C. Drake "Elastic landscape: Seeding ecology in public space and urban infrastructure."
8. Drake, S.C. (2011) Elastic landscape: Seeding ecology in public space and urban infrastructure. In: Hauck, T., Keller, R. and Kleinekort, V. (Eds.) (2011) Infrastructural urbanism: Addressing the in-between. DOM publishers. Pp. 317-333.

B. REFEREED PUBLICATIONS

Articles in Refereed Archival Journals

Drake, Susannah C. and Yong K. Kim. "Gowanus Canal Sponge Park™." *Ecological Restoration* 29 no. 4 (2011): 392--400. (7 academic citations)

C. OTHER PUBLICATIONS

Articles

Drake, Susannah, "Climate Change and Human Mobility," *New Cities*, Montreal Canada. <https://newcities.org/the-big-picture-climate-change-human-mobility-climate-related-migration-can-become-catalyst-urban-redevelopment/>. February 5, 2020.

Drake, Susannah. "Cap the Expressway." *Maintaining: Public Works in the Next New York*, edited by Daniel McPhee and Emma Ng, pp. 136–137. New York, New York: The Urban Design Forum, 2019.

Drake, Susannah, and Rafi Segal. "Bight Coastal Urbanism." *Four Corridors: Regional Plan Association*, edited by Paul Lewis, Guy Nordenson, and Catherine Seavitt. Berlin, Germany: Hatje Cantz, 2019.

Drake, Susannah, and Rafi Segal. "Bight: Coastal Urbanism." *Landscape Architecture Frontiers* 036, Volume 6, Issue 6 (2018): 74--81.

Drake, Susannah C. "NYC Parks Commissioner Talks Policy, Parks, and Breaking Down Barriers." Interview with NYC Parks Commissioner Mitchell Silver. *The Architect's Newspaper*. October 22, 2018.

Drake, Susannah C. "The Hidden Power of Community Gardens." Interview with New York Restoration Project Executive Director Deborah Marton. *The Architect's Newspaper*. November 13, 2018.

Drake, Susannah C. "How the Trust for Public Land is Converting Schoolyards to Playgrounds." Interview with the NYS Director of the Trust for Public Land Carter Strickland. *The Architect's Newspaper*. December 10, 2018.

Drake, Susannah C. "WPA 2.0: Beauty, Economics, Politics, and the Creation of New Public Infrastructure." In *Nature & Cities: The Ecological Imperative in Urban Design and Planning*, edited by Frederick R. Steiner, George F. Thompson, and Armando Carbonell, pp. 235--259. Massachusetts: Lincoln Institute of Land Policy, 2016.

Drake, Susannah C. *Gowanus Canal Sponge Park Maintenance Manual*, Gowanus Canal Conservancy, NY State Department of Environmental Conservation (60 pages) 2016.

Drake, Susannah C. "Infra-sutures." In *YUL/MTL: Moving Landscapes*, edited by Philippe Poullaouec-Gonidec, Sylvain Paquette, and Patrick Marmen. Novato, CA: Applied Research & Design, 2015.

Drake, Susannah C., Stephen Cassell and Adam Yarinsky. "New Urban Ground." In *Rising Currents: Projects for New York's Waterfront*, edited by Barry Bergdoll, pp. 60–69. New York: The Museum of Modern Art, 2011.

Drake, Susannah C. "Term - Definition - Identity: Regenerating Landscape Architecture in the Era of Landscape Urbanism." *Topos* 71 (2010): 50--57. (11 academic citations)

"Rising Currents: A New Urban Ground." In *(re)Designing Nature: Current Concepts for Shaping Nature in Art and Landscape Design*, edited by Florian Matzner, Susanne Witzgall, Iris Meder, Kunsterlaus Vienna. Berlin, Germany: Hatje Cantz, 2010.

Drake, Susannah C., and Yong K. Kim. "Sponge Park, New York City." *Topos* 68 (2009): 23-28.

Published Opinions

Drake, Susannah, "A Local Response to Climate Change: A Landscape Architect offers Suggestions," RE: *Big Storms Get Worse, and We're Not Helping,* (News analysis Sept 21, 2018), New York Times.

Drake, Susannah, "Pollution in Lake Okeechobee," RE: *In South Florida, a Polluted Bubble Ready to Burst,* (News article Sept 9, 2013), New York Times.

Drake, Susannah, "Voices in the Storm: Ruin and Uplift," RE: *After the Devastation, a Daunting Recovery* (Editorial, October 31, 2012), New York Times.

Drake, Susannah, "New York Sea Levels," RE: *A Sky-High Tide, This Time Fleeting, but Perhaps a Glimpse of Torrents to Come,* (About New York, Jim Dwyer, October 26, 2011), New York Times.

Drake, Susannah, "The Times Square Mall," RE: *Lose the Traffic, Keep that Times Square Grit.* (Editorial, Nicolai Ouroussoff May 26, 2009), New York Times.

Drake, Susannah, "Preserving Open Space." RE: *A Resounding Vote for Open Space* (Editorial, Nov 19, 2008), New York Times.

Books, Interviews, Reviews, Essays about Susannah Drake's Work

TIDAL BASIN IDEAS LAB

Poon, Linda. "Five Bold Ideas for Adapting a Historic D.C. Landscape to Sea Level Rise," Bloomberg CityLab, Nov 3, 2020.

Alnwick Melanie, "Saving DC Tidal Basin focus of new project to keep landmark from being reclaimed by nature, Fox 5, Oct 21, 2020.

Berg, Nate., *The Jefferson Memorial will be under 4 feet of water by 2040. Here's how to redesign the National Mall, Five Prominent landscape architecture firms reimagine the Mall's Tidal Basin. One*

proposal? Let the Monuments flood to show the consequences on inaction.” Fast Company, October 21, 2020.

Blair, Elizabeth. “Landscape Architects Unveil Plans to Save the National Mall’s Tidal Basin.” National Public Radio, October 21, 2020.

D’Angelo Madeline, Tidal Basin Ideas Lab Unveils Five Proposals for the Historic D.C. Site, Architect, October 21, 2020.

Hickman, Matt. “An online exhibition explores how the National Mall Tidal Basin can be shielded from climate change.” The Architects Newspaper, October 21, 2020.

Madsen, Deane, Five Proposals Re-Envision a Resilient Tidal Basin, Architectural Record, Oct 21, 2020.

Giambrone, Andrew. “Major landscape architecture firms selected to help preserve the Tidal Basin,” Featuring Tidal Basin, Curbed Washington DC, Oct 22, 2019.

BIGHT COASTAL URBANISM

Tian, Tina. "BIGHT: COASTAL URBANISM." Landscape Architecture Frontiers. Vol. 6, No. 6. 2018.

Bight: Coastal Urbanism. Urban Next. 2020. <https://urbannext.net/bight-coastal-urbanism/>
https://issuu.com/prurobinson/docs/studioreport_final_042019_a1567226ecfc89.

Ribeiro, Tatti Boyd. “Bight: Coastal Urbanism, Interview with Susannah Drake and Rafi Segal.” Frank interviews. May 26, 2018.

Wachs, Audrey. “Tri-state regional plan proposes more equitable, resilient future with better mass transit.” The Architect’s Newspaper. January 31, 2018.

Lynch, Diego. “While Urbanists Imagine NYC’s Retreat from the Coast, Its Already Happening.” Bedford + Bowery. Oct 17, 2017.

Knight, Sophie. “What would an entirely flood-proof city look like?” Cities, The Guardian. September 25, 2017.

Lindsey, Greg. “Here Comes the Flood; New York 2067, Sea Level Rise, and the 4th Regional Plan.” Greglindsay.org. September 18, 2017.

Berger, Alan, Segal, Rafi, Sundkind, Jonah. “Cities by the Sea: Urbanism in the Age of Sea Level Rise.” USSUU. Fall 2017.

Tomasso, Patrick. “Urbanists Imagine How NYC Will Adapt to Rising Sea Level.” Progress, August 14, 2017.

Brey Jared. “These Urban Designers See a New York that Adapts to Watery Future.” Next City. August 11, 2017.

Sayer, Jason. "Regional Plan Association unveils the final designs for the Fourth Regional Plan." *The Architect's Newspaper*. August 9, 2017.

Peters, Adele. "How Years of Climate Change and President Zuckerberg will Reshape New York's Coast." *Fast Company*. August 4, 2017.

Wachs, Audrey. "WORK ac, PORT Urbanism, DLANdstudio and others unveil visions for a resilient tristate area." *The Architect's Newspaper*, June 28, 2017.

Nyczepir, Dave. "Regional Plan Association Prepares for N.Y.C. - Area Resilience Overhaul." *Route Fifty*. March 5, 2017.

GOWANUS CANAL SPONGE PARK

McKibben, Bill. "The Most Important Global Forecast That You've Never Heard Of." *The New Yorker*. October 14, 2020.

D'Angelo, Madeline. "The Cooper Hewitt, Smithsonian Design Museum Names 2020 National Design Award Winners." *Architect Magazine*. October 5, 2020.

Feitelberg, Rosemary. "Telfar Clemens Wins National Design Award for Fashion Design from Cooper Hewitt." *WWD*. October 1, 2020.

Hickman, Mark. "Snohetta, OJB Landscape Architecture top winners of 2020 National Design Awards." *The Architect's Newspaper*. October 2, 2020

Gershon, Livia. "Top Designers Strut Their Stuff at Cooper Hewitt Gala." *Smithsonian Magazine*, October 2, 2020.

Rollings, Jackson. "The Gowanus Canal is Being Cleaned Up for the First Time in its Long, Polluted Life." *The Architect's Newspaper*. October 26, 2017.

Design Awards. "The Gowanus Canal Sponge Park Pilot." *Oculus*. Summer 2017.

Kinney, Jen. "Gowanus Canal Could Be New Model for Waterfront Planning." *Next City*. June 29, 2017.

Thompson, Clive. "Coastal Inundation Reveals the Upside of Climate Change." *Wired*. April 4, 2017.

Ezechieli, Carlo. "Progettare Una Spugna." *IoArch 67*. November/December 2016.

Mattioli, Guglielmo. "How a 'Sponge Park' Will Clean up Notoriously Polluted NYC Waterway." *Metropolis*. November 2, 2016.

Nazaryan, Alexander. "Gowanus Canal: Cesspool of Dreams." *Newsweek*. November 28, 2015.

Kirby, Jen. "Gowanus Canal Is Getting a 'Sponge Park' to Make It Slightly Less Toxic." *New York Magazine*. December 16, 2015.

Foderaro, Lisa. "A Park to Sop Up Pollutants Before They Flow into the Gowanus Canal." The New York Times. December 15, 2015.

Rosenberg, Zoe. "These 5 Futuristic Parks May Transform NYC's Landscape." Curbed New York. July 16, 2014.

Cannell, Michael. "Life Beyond Death: The Filthy Gowanus Canal Has Brooklyn in its Toxic Spell." Landscape Architecture Magazine. Vol. 103, Number 9. 2013.

Klayko, Branden. "Water Wash." The Architect's Newspaper. January 17, 2013.

Rizzo, Johnna. "Waste Not." National Geographic. November 2013.

Fredrick Steiner. "Representing Complexity." Landscape Architecture Frontiers. Vol. 1, Issue 6. Dec. 2013.

Sledge, Matt. "Gowanus Canal to Feature 'Sponge Park' Green Infrastructure." HuffPost. February 7, 2012.

"Sponge Park: Remediation and Open Space Strategy for the Gowanus Canal." International New Landscape. July 2012.

"Polluted Gowanus Canal Might Get Needed Makeover Featuring Gowanus Canal Sponge Park." WCBS TV News. 2009.

Miller, Linda G., "Water Fight: What to do with the 578 miles of shoreline? The possibilities are limitless – and limited." Oculus. Winter 2008-2009.

UNDER THE ELEVATED

Chin, Susan. "What to do with Lost Spaces Under NYC's Bridges, Highways, Subway Tracks?" Metropolis. September 21, 2015.

Jaffe, Eric. "Reviving the Dead Spaces Under Elevated Structures." CityLab. June 18, 2015.

USA PAVILION MILAN EXPO

Gendall, John. "US Pavilion Expo Milano 2015." Contract Magazine. August 6, 2015.

Lalwani, Mona. "Vertical farms, smart ceilings and national pride at the world fair. Engadget. May 1, 2015.

Lasky, Julie. "A Feast of Architectural Styles for Expo Milano 2015." The New York Times. April 27, 2015.

Kleiman, Joe. "A Meaningful American Presence at Milan 2015." Inpark Magazine. Aug. 28, 2015.

Waterman, Tim. "The Global Cucumber." *Landscape Architecture Magazine*. Vol. 105, No. 7. July 2015.

"USA Pavilion." *Landscape World*. 80. July 2015.

Slama, Jim. "EXPO Milano and Italy Bask in the Glow of Good Food." *HuffPost*. June 3, 2015.

QUEENSWAY

Vuozzo, Hanna. "DLANDstudio Launches Phase 1 Design for Rails-to-Trails QueensWay." *The Architect's Newspaper*. June 2, 2016.

Moses, Claire. "QueensWay could transform area's retail scene: brokers." *The Real Deal*. October 14, 2014.

"QueensWay architects mine social media for feedback." *The Real Deal*. August 28, 2013.

Porada, Barbara. "WXY + Dland Tapped for Study and Planning of High Line-Inspired Park in Queens." *Arch Daily*. September 1, 2013.

PUBLIC MEDIA COMMONS

McKee, Bradford. "Street Theater." *Landscape Architecture Magazine*. Vol. 105, No. 11. November 2015.

"ASLA Professional Award – Honor Award." *Landscape Architecture Magazine*. October 2015.

Smith, Rebecca. "Grand Center Development Keeps Going." *St. Louis Public Radio*. October 1, 2014.

MoMA RISING CURRENTS

Ossola, Alexandra. "Preparing for the Flood." *Scienceline*. April 28, 2014.

Dawsey, Josh and Laura Nahmias. "Manufacturing Islands: Superstorm---Protection Plans Weigh the Possibility of Adding Land to the Harbor." *The Wall Street Journal*. January 3, 2013.

Benfield, Kaid. "The 5 Most Important Sustainability Stories of 2013." *Citylab*. January 2, 2013.

Schuerman, Matthew. "New Ideas for Protecting New York Harbor." *WNYC News*. January 4, 2013.

De Monchaux, Thomas. "Save New York by Making it 'Soft'," *The New Yorker*. January 15, 2013.

Feuer, Alan. "Protecting the City, Before Next Time," The New York Times. November 4, 2012.

Donn, Jeff. "AP IMPACT: Will NYC Act to Block Future Surges?" Associated Press. November 2012.

Minner, Kelly. "Taking a Second Look at MoMA's Rising Currents Exhibit, Zone 0 by ARO and DLANDstudio," Arch Daily, Aug 29, 2011.

Ouroussoff, Nicolai. "Imagining a More Watery New York." The New York Times. March 25, 2010.

McGuigan, Cathleen. "Starchitecture: A Modest Proposal." Newsweek. June 11, 2010.

Gronewold, Nathaniel. "Architects Plan 'Amphibious Landscape' for New York City." The New York Times. January 11, 2010.

Davidson, Justin. "When the Water Rises." New York Magazine. February 26, 2010.

BQGREEN

Walter, Alexander. "Addressing Infrastructure Problems with Landscape Architecture," The Epoch Times. April 21, 2014.

Gorsche, Jennifer K. "Park Panacea Over BQE Trench," The Architect's Newspaper. January 19, 2011.

GENERAL AND OTHER PROJECTS

McCown, James, Balancing Preservation and Resiliency in Miami Beach, A group of architects, real estate experts, and preservationists discuss the unique challenges faced by Miami Beach., Metropolis, November 19, 2020.

Jacobs, Kerrie. "The New Architecture: Sky Parks, Tidal Pools and 'Solar Carving,'" Featuring Argenta Plaza, New York Times. September 13, 2019.

"Coastal Communities, Watch Out: Sea Level Rise Threatens Your Homes," WBUR On Point, featuring Anthony Brooks, Susannah Drake, Rachel Cleetus, and Jonathan Forét. Podcast audio, National Public Radio, June 21, 2018.

Blahut, Chelsea. "Voices from Women in Architecture on 'A Day Without A Woman,'" Featuring Susannah Drake, Architect. March 8, 2017.

Goodell, Jeff. "Can New York Be Saved: The Future of America's Greatest City in the Era of Global Warming?" Featuring Susannah Drake, Rolling Stone. July 5, 2016.

Rajagopal, Avinash. "Three Forms of Invisible Architecture: Architects Tackling the Unseen Will Shape the Future of Their Profession." Featuring DLANDstudio, Metropolis. November 2014.

Ndubisi, Forster, O. "The Ecological Design and Planning Reader" Island Press 2014.

Pogrebin, Robin. "Architectural League Names Winners of Emerging Voices Competition." Featuring DLANDstudio, The New York Times. February 1, 2013.

"Voci Emergenti 2013." Featuring DLANDstudio, Progettare Architettura. February 2, 2013.

Volner, Ian. "Come High Water.," Metropolis. February 7, 2013.

Capps, Kriston. "SOM Leads the 2013 Young Architects Awards." Featuring DLANDstudio, Architect. January 28, 2013.

Birnbaum, Charles A. "2012's Notable Developments in Landscape Architecture." Featuring Susannah Drake, HuffPost. December 17, 2012.

Miller, Linda G. "Out of Africa." Oculus. October 2011.

"Women Landscape Architects of the World." Featuring Malawi Academy for Girls Landscape Architecture China. No. 6, 2009. Featuring Susannah C. Drake.

Steiner, Halina. "Brooklyn: Vom Industriegebiet zum Parkgürtel." Featuring DLANDstudio, Garten + Landschaft. March 2010.

Farr, Asya. "Cleanup coming for once-popular Oakland Lake pathway hit by floods," The New York Daily News. July 28, 2008.

D. PRESENTATIONS

International Lectures including Keynote addresses

1. Keynote "Coastal Urbanism," Arkitektskolen Aarhus, Denmark September 17, 2020.
2. "Infrastructure Everywhere," The University of British Columbia, School of Architecture and Landscape Architecture, Vancouver, BC, October 26, 2015.
3. Keynote "WPA 2.0: Beauty, Economics, Politics, Ecology and Creation of 21st Century Public Infrastructure," XXV International Union of Architects World Congress of Architects, UIA 2014, Durban, South Africa, 2014.
4. "Beauty, Economics, Politics, Ecology, and Creation of 21st Century Urbanity," Lecture, Security Symposium, Oslo, Norway, 2014.
5. "Resilient Urbanisms," Fellesforelesningen Weekly Faculty Lecture, The Norwegian University of Science and Technology (NTNU), Oslo, Norway, 2012.

6. Presentation of works, French/American Study Tour in France, French American Foundation, Paris, Nantes, Lyon, France, 2012.
7. “Infra-sutures,” WAT UNESCO, University of Montreal, Montreal, Canada, 2011.
8. “MoMA Rising Currents: A New Urban Ground,” IFLA, Zurich, Switzerland, 2011.
9. “Elastic Landscape - Seeding the Ecology in Public Space and Urbanism,” Infrastruktur Urbanismus Conference, Munich, Germany, 2010.

Presentations to Colleges and Universities

1. Design Business Start-Up Culture Podcast, Georgia Institute of Technology July 2020.
2. “Regenerative Urbanism: Activating Latent Infrastructure in the Post-Industrial City,” University of Pennsylvania, 2019.
3. “Innovation to Implementation,” Cornell University, 2018.
4. “Innovation to Implementation,” Georgia Institute of Technology, 2018.
5. “Mountain to Shore: Rethinking Our Relationship to the Urban Landscape,” Florida Atlantic University, 2018.
6. “Mountain to Shore: Redevelopment of Urban Infrastructure for the 21st Century Environment,” University of Colorado Denver, 2017.
7. “Mountain to Shore: Rethinking our relationship to the urban landscape,” University of Massachusetts Amherst, 2017.
8. “Creation of 21st Century Public Infrastructure: Beauty, Economics, Politics, Ecology,” Dartmouth College, Building Voices Symposium, 2017.
9. “Creation of 21st Century Public Infrastructure: Beauty, Economics, Politics, Ecology,” Ohio State University, 2016.
10. “One, Two, Tree: Capitalizing Environment Benefit in Urban Design,” Middlebury College, 2015.
11. “WPA 2.0: Beauty, Economics, Politics, Ecology and Creation of 21st Century Public Infrastructure,” Virginia Tech 40th Anniversary Celebration, 2015.
12. “WPA 2.0: Beauty, Economics, Politics, Ecology and Creation of 21st Century Public Infrastructure,” Washington University in St. Louis, 2014.
13. “WPA 2.0: Beauty, Economics, Politics, Ecology and Creation of 21st Century Public Infrastructure,” Florida International University, 2014.
14. Harvard Land Use Conference, 2014 “Creating Resilience: Transformation of Urban Infrastructure,” UNC Charlotte, 2013.

15. "Resilient Urban Environments," New York Institute of Technology, 2013.
16. "Creating Resilience: Transformation of Urban Infrastructure," Iowa State University, 2013.
17. "Gowanus Canal Sponge Park," Harvard Graduate School of Design, 2013.
18. "Irrepressible Systems." Rhode Island School of Design, 2013.
19. "Creating Resilience: Transformation of Urban Infrastructure and Campus Design," Drexel University, 2013.
20. "Resilient Urban Environments: Landscape Architect as Instigator of Change," School of Visual Arts, 2013.
21. "Ecology, Public Space, Infrastructure: Resilient Urban Environments," Georgia Institute of Technology, 2013.
22. "The Future of Zone A," The Architectural League in collaboration with The Cooper Union, 2013.
23. "Resilient Urban Environments," Cooper Union, 2012.
24. "Highway Outfall Pod," NYU Polytechnic Symposium, 2012.
25. "Resilient City?" Kent State University, 2012.
26. "Infra-sutures," WAT UNESCO, University of Montreal, 2011.

TED Talks

1. "Ecology in Public Space Infrastructure," TEDxBrooklyn To Redefine "Better," 2011.
2. "Sponge Park," TEDxGowanus, Brooklyn, NY, 2014.

Conferences and Panels

1. "Coastal Urbanism: Migration and Adaptation," Higher Ground: Building the Cities we Need for Climate Change, Dec 1, 2020.
2. "The Evolution of the Megaregion Concept," Invited Panel, Megaregions and America's Future, University of Pennsylvania Stuart Weitzman School of Design, UT Austin, Dec 3, 2020.
3. "To Be or Not to Be BQE," Institute for Public Architecture, Panelist, Nov 18, 2020.
4. "BQGreen," Institute for Public Architecture, Reviewer Nov 11, 2020.
5. MASTerworks Awards, Municipal Art Society Awards Panel, Moderator Oct 21, 2020.
6. "Cooper Hewitt National Design Award Winner: Design Salon," October 8, 2020.

7. "Buoyant City: Preservation, Resiliency, and Tourism in Miami Beach," Metropolis Think Tank, October 8, 2020.
8. "Cooper Hewitt National Design Award: Meet the Designers," Outreach to future designers from underserved populations. October 15, 2020.
9. "2020 MASTerworks in Conversation: Design for Park Amenities," The Municipal Art Society of New York. Moderator of panel discussion with winners of the 2020 MASTerworks Award. October 21, 2020.
10. Past Forward: A Conference of the National Trust for Historic Preservation, "The Big Idea of the Tidal Basin Ideas Lab," October 29, 2020.
11. "Get Back: Is Managed Retreat Going Mainstream?" Panel discussion on managed retreat, Waterfront Conference "Rising Seas, Rising Risks: Adapting Our Region," Waterfront Alliance, 2019.
12. LICNYC: A Design Perspective/PT1 NYC. Roundtable discussion, Van Alen Institute, 2019.
13. "Under the Elevated," Panel discussion, Design and the Just City, New York Center for Architecture, 2019.
14. "Innovation to Implementation," Broken Nature Symposium, XII Triennale di Milano, Museum of Modern Art 2019.
15. "Greener and Cleaner: Strategies for Mitigating Post-Industrial Landscapes of New York City," Cities Alive Conference, 2018.
16. "Innovation to Implementation," LABASH, **Keynote**, 2018.
17. "Adapting Urban Wetlands," Panel Discussion for Regional Plan Association's Fourth Regional Plan, 2018.
18. "BQGreen: South Williamsburg," Envisioning Bushwick Park Inlet II Seminar, 2018.
19. "Bight: Coastal Urbanism," New York City's Coastal Future: What Can Jamaica Bay Be? 2017.
20. "BQGreen," Transform or Tear Down? Urban Design Forum, 2017.
21. "Bight Coast Urbanism," Municipal Art Society Summit, 2017.
22. "Community Parks Initiative: Improving Park Equity," APA National Planning Conference, 2017.
23. "Mountains to Shores: Rethinking Urban Design for Ecological, Economic, and Social Resilience," **Keynote** Speaker, Building Voices Symposium, 2017.
24. "Projects in Planning: QueensWay," Open House New York Projects in Planning lecture series, 2017.
25. "Creation of 21st Century Public Infrastructure: Beauty, Economics, Politics, Ecology," In the Shadow of the Megacity: Rural Settlements Today Symposium, 2015.

26. "WPA: Women, Politics and the Development of the American Urban Landscape," **Keynote** Address, 18th Congress of the International Union of Women Architects, 2015.
27. "Blue Urbanism: Rethinking Rain," Conference, The National Building Museum, Embassy of Denmark, and the Danish Confederacy, 2015.
28. "Creation of 21st Century Public Infrastructure: Beauty, Economics, Politics, Ecology," Lecture, 61st National Session of the Mayors' Institute on City Design, 2015.
29. "Sponge Park," Gowanus Design Summit, 2014.
30. "Garden Campus Infrastructure," Women and the City from a Landscape Perspective Symposium, New York Botanical Garden, 2014.
31. "Reimagine Public Housing," Forum for Urban Design NYCHA, New York, NY 2014.
32. "Panel 3: Design Humanism?" Cities and Citizenship Conference, 2014.
33. "WPA 2.0: Beauty, Economics, Politics, Ecology and Creation of 21st Century Public Infrastructure," Nature of Cities, 2014.
34. "Urban Water," MAS Summit for New York City, 2013.
35. "Creating Resilience: Transformation of Urban Infrastructure," We Are City Summit, Indiana History Center, 2013.
36. "The City Resilient," Pop-Tech, Brooklyn Academy of Music, 2013.
37. "Green and Grey: Hybrid Solutions for the Future," The Future of Zone A: New York Neighborhoods on the Frontline of Climate Change. Two Bridges Neighborhood Council, Cooper Union Institute for Sustainable Design, Architectural League of New York, 2013.
38. "Creating Resilience: Transformation of Urban Infrastructure," Acadia Summer Arts Program, 2013.
39. "Movement Moses: Cross Bronx Expressway," Forum for Urban Design Panel on Transportation, 2013.
40. "Transformation of Urban Infrastructure," Congress for Urban Transformation, Flint Public Art Project, 2012.
41. Haiti \$300 House Workshop, Team Leader, organized by Vijay Govindarajan, Dartmouth College, 2012.
42. "VISION 2020: What Does It Mean for the Planning and Design of New York City's Waterfront?" APA 2012.

E. EXHIBITIONS

Permanent Museum Collections

“Rising Currents: New Urban Ground,” Museum of Modern Art, New York, NY. 2013

“Rising Currents: New Urban Ground,” Cooper Hewitt Smithsonian National Design Museum, New York, NY. 2013

Exhibitions

“McDonald Playground,” Mapping Community, Center for Architecture, New York, NY, 2019

“Rising Currents,” Design with Nature Now, University of Pennsylvania, Philadelphia, PA, 2019

“A New Urban Ground,” Biosphere Environment Museum, Montreal, Canada, 2019

“Under the Elevated,” Just City Lab, Harvard Graduate School of Design, Cambridge, MA, 2019

“Time Space Existence,” Venice Architecture Biennale, 2018.

“Four Corridors: Foreseeing the Region of the Future,” Regional Planning Association, Center for Architecture, New York, NY, 2018.

“4C: Four Corridors: Foreseeing the Region of the Future,” Regional Planning Association, The Chapel at Fort Tilden, Breezy Point, NY. 2017.

“New York New Design,” Center for Architecture, New York, NY, 2015.

“Miami 2100 | Envisioning a Resilient Second Century,” Florida International University School of Architecture, Coral Gables Museum, FL, 2014.

“New Practices New York,” Center for Architecture, New York, NY. 2014.

“AIA Emerging Professionals Annual Exhibition,” Washington D.C. 2012.

“New Urban Ground: A Sea-Level Rise Sleepover,” Shenzhen & Hong Kong Bi-City Biennale of Urbanism and Architecture, Shenzhen, China; Hong Kong. 2012.

“Glimpses of New York/Amsterdam 2040,” Center for Architecture, New York, NY. 2011.

“New Urban Hub, Glimpses,” Amsterdam Centre for Architecture, Amsterdam, Netherlands. 2011.

“Scales of Nature,” 48th International Federation of Landscape Architects World Congress, Zurich, Switzerland. 2011.

“AIANY Chapter Award Exhibition,” Center for Architecture, New York, NY. 2010, 2011.

“Rising Currents: A New Urban Ground,” The Museum of Modern Art, New York, NY. 2010.

“Ecotones,” Center for Architecture, New York, NY. 2008.

F. PATENTS & TRADEMARKS

1. SPONGE PARK™ Registration number 3,775,543. Registration Date April 13, 2010.
2. System for Managing Runoff Water, Utility Patent, EFS ID 32690844, Application Number 13849252. 2013.
3. Get-a Grip, Squash racquet grip and training aid. Patent application 11772330 abandoned. 2010. (14 academic citations.)

VI. SERVICE

A. PROFESSIONAL CONTRIBUTIONS

Professional Organizations

AIA

Upjohn Research Initiative, Jury Member, 2020
American Institute of Architects, Elevation to Fellow, 2020.
American Institute of Architects, Nominating Committee, 2015.
American Institute of Architects, Exhibitions Committee, 2015.

ASLA

American Society of Landscape Architects, Advocacy Leadership Award, 2017.
American Society of Landscape Architects, Elevation to Fellow 2013.
American Society of Landscape Architects, National Trustee, 2009-10.
American Society of Landscape Architects, President New York Chapter 2007-2009.

Boards

Clyfford Still Museum, Board of Directors, 2020-2023.
a. Facilities Committee
b. Education Committee

Regional Plan Association, Board of Directors 2019-2021.
a. Urban Design Advisory Committee

Center for Urban Pedagogy 2019-2021.

Landscape Architecture Foundation, Executive Committee, Vice President of Development, 2015-2017.

Cooper Union Institute for Sustainable Design, Strategist, 2010-2012.

Van Alen Institute, Trustee 2009-2014.

Fine Arts Federation, Director, 2007-2010.

Dartmouth College, Design and Planning Advisory Board, 2007-2009.

Juries

Major National and International Design Competitions

Upjohn Research Initiative, American Institute of Architects, Juror, 2020.

Middle Branch Waterfront Design Competition, Baltimore, MD, Juror, 2019.

Concours de la Rade International Design Competition, Redevelopment of the Geneva City Waterfront, Juror, 2017.

Berlin Architecture Prize, Juror, 2016.

New York State Council on the Arts, Juror, 2013—2016.

General Services Administration, Design Awards Juror, 2014.

Steedman Fellowship, Sam Fox School of Washington University in St. Louis, Juror, 2012.

Academic - Design School Juries

Boston Architectural College

Columbia University GSAAP

The Cooper Union Irwin Chanin School of Architecture

Cornell University School of Landscape Architecture & School of Architecture

Dartmouth College

Florida Atlantic University

Florida International University

Georgia Institute of Technology

Harvard University, Graduate School of Design

IIT School of Architecture

Iowa State University

Kent State University

MIT School of Architecture

The Ohio State University

Middlebury College

New Jersey Institute of Technology

Parsons School of Design

Penn State University

Pratt Institute

Syracuse University School of Architecture

University of Arkansas
University of British Columbia
University of Colorado Boulder
University of Kansas
University of Massachusetts, Amherst
University of North Carolina Charlotte
University of Pennsylvania, Weitzman School of Design
University of Texas Austin
University of Washington
Virginia Institute of Technology
Washington University School of Architecture
Wesleyan University
Yale University School of Architecture

Industry Advisor

1. Babbitt Center for Land and Water Policy, Lincoln Institute, Land-Water Sustainability Indicator Project, Expert Advisor 2020.
2. United States Department of State Bureau of Overseas Buildings Operations, Industry Advisory Group, Advisor 2015-2017; 2019-2021
3. General Services Administration Design Excellence Peer Reviewer 2012-14.
4. New York City Department of Environmental Protection Green Infrastructure Steering Committee, 2011-2016
5. Mayor's Office of City Planning, New York City Department of Economic Development, Waterfront Vision and Enhancement Strategy Task Force, 2010-2011.
6. New York City Department of Planning, Peer Reviewer, Waterfront Zoning Revisions, 2009-2011.
7. New York City Department of Parks and Recreation, Design Trust for Public Space, Peer Reviewer, Design for the 21st Century: High Performance Guidelines, 2008.

Policy Development

1. The Mayors Institute on City Design: 73rd National Session. National Endowment for the Arts, American Architectural Foundation, The United States Conference of Mayors. Expert Facilitator. 2019.
2. The Fourth Regional Plan: Making the Region Work for All of Us. Regional Plan Association. Author, Designer: "Coastal Urbanism," planning and design for the regional waterfront. Lead Designer 2017.

3. Under the Elevated: Reclaiming Public Space, Connecting Communities. Design Trust for Public Space and New York City Department of Transportation. Urban Design fellow, Author, Lead Designer 2015.
4. The Mayors Institute on City Design: 61st National Session. National Endowment for the Arts, American Architectural Foundation, The United States Conference of Mayors. Expert Facilitator. 2016.
5. Active Design: Shaping the Sidewalk Experience. New York City Department of City Planning. Advisor. 2013.
6. Vision 2020: New York City Comprehensive Waterfront Plan. New York City Department of City Planning. Waterfront working group Advisor 2011. Maritime Infrastructure Advisor 2011.
7. New York City Green Infrastructure Plan: A sustainable Strategy for Clean Waterways, PLANYC and New York City Department of Environmental Protection. Advisor 2010.
8. High Performance Landscape Guidelines; 21st Century Parks for New York City, Design Trust for Public Space and New York City Department of Parks and Recreation. Peer Reviewer 2010.
9. Street Design Manual, New York City Department of Transportation Advisor 2009.
10. Hudson Raritan Estuary Comprehensive Restoration Plan, US Army Corps of Engineers and Port Authority of New York and New Jersey. Featured Designer: Best management practice case study, 2009.
11. PLANYC: A Greener, Greater New York, The City of New York. Advisor: 2007.
12. High Performance Infrastructure Guidelines: Best Practices for the Public Right-of-Way, Design Trust for Public Space, New York City Department of Design and Construction. Advisor: 2005.

B. UNIVERSITY SERVICE

University of Colorado

Co-chair, ENVD Lecture Committee (2019-Present)

AIAS Advisor (2020-Present)

ASLAS Advisor (2020-Present)

Student support: Portfolio reviews, professional practice advising.

Faculty support: Reviews, peer advising, tenure track faculty writing group, editing.

External Academic Organizations

Tenure Reviewer, Florida International University.

VII. GRANTS

Note: Unless otherwise indicated, Susannah C. Drake authored the grant proposals independently or on behalf of not-for-profit entities.

1. Colorado AIA 2020 Virginia E. and Robert K. Fuller Travelling Scholarship, “Adaptation and Migration Strategies for Island Nations of the Pacific,” - Amount: \$6,000.
2. Bronx Council for Environmental Quality (BCEQ), “Bronx Living Shorelines” 2018, - Amount: \$8,000.
3. Metropolitan St Louis Sewer District, Project Clear – Rainscaping Program, Administered by Sheldon Arts Foundation, 2016 - Amount: \$310,455.
4. New York State Office of Parks and Recreation Historic Opportunity Grant, Submitted and Administered by Trust for Public Land, Amount: 2015 - Amount: \$443,750.
5. New York State Council on the Arts Individual Artist Grant, “Mapping Urban Flow: A Dynamic Cartographic Analysis of Hydrologic Cycles,” 2014 - Amount: \$10,750.
6. Metropolitan St Louis Sewer District, Project Clear– Rainscaping Program, Sheldon Parking Lot, Sheldon Arts Foundation, St Louis MO, 2013 - Amount: \$5,000.
7. Long Island Sound Futures Fund (LISFF) Grant, “Street Swale Infrastructure Initiative (NY),” National Fish and Wildlife Foundation, Administered by Regional Plan Association 2013 - Amount: \$32,870.
8. Arnold W. Brunner Grant “ Mapping Urban Flow; A Dynamic Cartographic Analysis of Hydrologic Cycles,” New York Center for Architecture 2013 - Amount: \$6,250.
9. Green Innovation Grant Program (GIGP) CFA No. 19301 “Gowanus Sponge Park Project,” U.S. Environmental Protection Agency as part of the New York Clean Water State Revolving Fund Program, New York State Environmental facilities Corporation (NYC EFC) contributed to the Consolidated Funding Application (CFA). - 2013 Amount: \$535,000.
10. Urban Design Fellowship, Under the Elevated, Reclaiming Space, Connecting Communities,” Design Trust for Public Space, 2013 - Amount: \$12,500.
11. Green Infrastructure Grant Program, JASA Rain Garden, New York Department of Environmental Protection, Jasa Housing Management Services for the Aged, Inc. - 2013 Amount: \$8,456.
12. Green Infrastructure Grant Program, Two Bridges Tower Rain Garden, New York Department of Environmental Protection, Two Bridges Neighborhood Council, 2013 - Amount: \$277,000.

13. Environmental Justice Community Impact Grant No.T304687, Gowanus Canal Pilot Sponge Park,” New York State Department of Environmental Conservation, (NYS DEC), Administered by Gowanus Canal Community Development Corporation, 2011 - Amount: \$49,991.
14. WCS/NOAA Regional Partnership Grant, “ Creating New Stormwater Capture Parks at the Harlem River Waterfront,” Wildlife Conservation Society in Partnership with National Oceanic and Atmospheric Association (WCS-NOAA), Administered by Bronx Council for Environmental Quality (BCEQ), 2011-12 - Amount: \$200,000.
15. Green Infrastructure Effectiveness Demonstrations in New York and New Jersey, “ The Gowanus Canal Sponge Park,” United States Environmental Protection Agency (US EPA), New England Interstate Water Pollution Control Commission (NEIWPC) - Amount: \$184,985.
16. Independent projects, “ The Ecology of Waterfront Architecture,” New York State Council on the Arts, HOLDS Modular Bioswales, 2010 - Amount: \$10,613.
17. NYSCA “Gowanus Open Space Master Plan,” Gowanus Canal Conservancy, 2009 - Amount: \$40,000.
18. Graham Foundation for Advanced Studies in Arts, Individual Grant, “ Campus landscapes of Beatrix Farrand from Vision to Implementation: Sustainability, Maintenance, and the Preservation of a Landscape Legacy. 2008 - Amount: \$14,899.
19. NYSCA ADP Grant “Reconnection Strategies,” The New York Architectural League, 2007 - Amount: \$10,750.
20. James Marson Fitch Foundation Research Grant, “ The Campus Landscapes of Beatrix Farrand,” 2005 - Amount: \$5,000.

Pending Grants

1. Infra-sutures for Colorado: Designing for a Decarbonized Future, 2030 Climate Challenge, MacArthur Foundation, In cooperation with the Denver Museum of Nature and Science, Submitted August 2020 - Amount: \$10,000,000 (2020-2025).
2. Furthermore, a program of the JM Kaplan Fund, publication grant: SPONGE PARK: GOWANUS CANAL, Sept 1, 2020 - Amount: \$15,000.
3. Graham Foundation, Production and Presentation Grant, September 15, 2020 - Amount: \$15,000.
4. Infra-sutures: Development of a Western Interior Greenway, John Simon Guggenheim Foundation Fellowship, application submitted September 17, 2020 - Amount: \$50,000.

5. ULI Prize for Visionaries in Urban Development, Nomination fall 2020 - Amount: \$100,000.

VIII. HONORS AND AWARDS

A. PROFESSIONAL AWARDS

Cooper Hewitt Smithsonian National Design Award - Climate Action 2020.

The American Institute of Architects, Elevation to College of Fellows, 2020.

American Society of Landscape Architects, Advocacy Leadership Award, 2017.

The American Institute of Architects, New Practices New York, 2014.

American Society of Landscape Architects, Election to Council of Fellows, 2013.

The Architectural League, Emerging Voices, 2013.

The American Institute of Architects, Young Architects Award, 2013.

Design Trust for Public Space, Urban Design Fellow, 2013–2015.

B. PROJECT AWARDS

ASLA

AIANY + ASLANY Transportation + Infrastructure Design Excellence Merit Award: The QueensWay, 2018.

National Honor Award: Public Media Commons, 2015.

New York Merit Award: The QueensWay Plan, 2015.

New York Merit Award: Willow Residence, Brooklyn, NY, 2012.

National Honor Award: Gowanus Canal Sponge Park™, 2010.

New York Merit Award: Gowanus Canal Sponge Park™, 2008.

New York Merit Award: Brooklyn Queens Expressway, 2007.

AIA

Florida AIA, Citation Buoyant City, 2020.

Miami AIA Honor Award Buoyant City, 2020.

New York Merit Award: Gowanus Canal Sponge Park™, 2017.

Brooklyn + Queens Merit Award: The QueensWay Plan, 2016.

St. Louis Merit Award: Public Media Commons, 2015.

New York Merit Award: The QueensWay Plan, 2015.

New York Honor Award: MoMA Rising Currents: A New Urban Ground, 2011.

National Honor Award: Gowanus Canal Sponge Park™, 2011.

New York Merit Award: BQE Trench, 2010.

New York Merit Award: Gowanus Canal Sponge Park™, 2009.

Chicago Athenaeum

American Architectural Awards: Public Media Commons, 2016.

Good Design Award: BQGreen, 2010.

American Architectural Awards: Gowanus Canal Sponge Park™, 2009.

New York City Public Design Commission

Excellence in Design Award: Gowanus Combined Sewer Overflow Facility and Open Space, 2019.

Excellence in Design Award: Alley Pond Environmental Center, 2014

Design Award: Prototypical Sponge Park™ at Gowanus Canal, 2012.

Other Selected Awards

The Nature of Cities Summit Travel Grant, 2019.

The Plan Award for Urban Planning, Bight: Coastal Urbanism, 2018.

Municipal Art Society, MASTerworks Award for Best Urban Landscape: Gowanus Canal Sponge Park, 2018.

Design Trust for Public Space Urban Design Fellow: “Under the Elevated,” 2015.

DRIVENxDESIGN New York Design Award, Urban Design: BQGreen, 2014.

French American Foundation Travel Fellowship, Paris, Nantes, Lyon, France, 2012.

Brooklyn Bridge Park Conservancy, Emily Roebling Award: Pop-Up Park, Pier 1, 2009.

BSA Award for Urban Regeneration: Gowanus Canal Sponge Park™, 2009.

Green Dot Awards Honorable Mention: Gowanus Canal Sponge Park™, 2009.

IX. SELECTED PROJECTS

A. DESIGN RESEARCH AND PLANNING

1. **Tidal Basin Ideas Lab** | Washington DC | 2020 Vision for future of the Tidal Basin area of the National Mall in Washington DC. Design draws upon deep research of natural and cultural history to develop a proposal to harness power of cultural and natural processes to grow stronger and protect historic resources of the United States Capitol.
2. **Bight: Coastal Urbanism** | Tri-State Area | 2017 Created waterfront planning and design framework for the Fourth Regional Plan and spanning the Tri-State Area, the collaborative project with Rafi Segal (MIT) envisions the future of the Bight, the region's Ocean Corridor.
3. **MoMA Rising Currents: A New Urban Ground** | New York, NY | Designed in partnership with ARO, the 2010 exhibition called attention to Manhattan's vulnerability to climate change and storm surges. Drake developed a set of infrastructural and landscape strategies to defend the city against flooding. Work is frequently referenced in academic publications and professional projects.
4. **The QueensWay Master Plan** | Queens, NY | 2014 The plan reconceives an abandoned railroad right-of-way into a new public open space corridor. The 3.5-mile long linear park would connect six neighborhoods, introduce new economic opportunities, and provide new recreational spaces and enriched ecological habitat.
5. **Beatrix Farrand Campus Design Research** | Princeton, New Haven, Chicago | Ongoing Research on the pioneering works of Landscape Architect, Beatrix Farrand, Focus on form and sustainability of campus design, landscape maintenance, operations, and the relationship of architecture and landscape.
6. **Under the Elevated** | New York, NY | As the 2015 Urban Design Fellow developed design solutions for New York's 700 miles of underutilized spaces created by elevated infrastructure. Work set policy for the New York City Department of Transportation.
7. **St. Roch Green Infrastructure Masterplan** | New Orleans, LA | 2015 Developed innovative nature-based methods for managing storm water and high water-table in an area of the city with poor drainage infrastructure.
8. **HOLDS** | New York, NY | 2014 The Highway Outfall Landscape Detention (HOLDS) Developed prototypical modular green infrastructure prototype. System collects and filters storm water from highway scuppers to absorb and filter pollutants.

9. **Infra-sutures** | Montreal, Canada | Ongoing Proposal for design and redevelopment of energy and infrastructure systems to improve economic development, environmental health, and vitality of city.
10. **Come High Water: Environmental Models for Managing Sea Level Rise** | Various Cities | 2011-12. Developed theoretical proposals for adaptation of waterfronts in varied ecosystems and population densities around the world. Published in Metropolis Magazine.
11. **Ver Nautica Ferry Lab** | New York, NY | 2011 Redesign of a decommissioned ferry boat to make a floating laboratory, classroom, and civic space in New York Harbor.
12. **Glimpses 2040: Hybrid Urban Base** | New York, NY | 2011 Theoretical proposal for the future of transportation in Long Island City. Exhibited at the Center for Architecture and at the Amsterdam Architecture Center.
13. **Court-Livingston-Schermerhorn BID Streetscape** | Brooklyn, NY | 2010 Urban design strategy to revitalize a commercial district in Brooklyn with street improvements and economical design interventions. Ten-year phased master plan.
14. **One Police Plaza Security** | New York, NY | 2010 Innovative security design for the New York City Police Department Headquarters in downtown Manhattan. Plan included unified language of security elements that improved the urban landscape, improved drainage, and reduced infrastructure impacts.
15. **Gowanus Canal Sponge Park Master Plan** | Brooklyn, NY | 2009 The master plan for the Gowanus Canal negotiates the challenges of the EPA Superfund site with neighborhood development plans to propose a continuous waterfront esplanade and a more ecologically balanced future.
16. **Abuja Botanical Garden and Zoo** | Abuja, Nigeria | 2009 Design of a new public botanical garden and zoo adjacent to landmark geological feature and expansive open space in the city.

B. CULTURAL AND INSTITUTIONAL

1. **Argenta Plaza** | North Little Rock, AR | Ongoing Imagined as a welcoming front porch for the town of North Little Rock, the plaza is a catalyst for economic development and anchors the neighborhood as a new center of commerce.
2. **University of Colorado Boulder** | Boulder, CO | Ongoing Landscape Architect for the expansion of the IMIG Music Building, Renee Crown Wellness Center, and the Transportation Master Plan. Campus performance including transportation, heat island reduction, improvement of permeability, pedestrian comfort, safety and movement, and overall quality of life is the focus of research and design development.
3. **Alley Pond Environmental Center** | Queens, NY | Ongoing Landscape Architect for the master plan and design of new educational facilities adjacent to salt and freshwater wetlands. Connections to the trail network, outdoor classrooms, and green infrastructure join the facility to its site.

4. **University of Hawaii at Manoa Research Station** | Honolulu, HI | 2017 Architect and Landscape Architect for the redesign of the College of Tropical Agriculture and Human Resources. Building on hydrologic research of Honolulu, the project considers the infrastructural and jurisdictional environments of the island.
5. **USA Pavilion Milan Expo 2015** | Milan, Italy | 2015, Building off the theme of the expo, “Feeding the Planet, Energy to Live.” The pavilion, designed with Biber Architects, showcases the past, present, and future of American food-production and features a 350-foot long operational vertical farm wall.
6. **Public Media Commons** | St. Louis, MO | 2014 Landscape Architect for the design of an interactive open space where arts, education, and public media come together. A stage and interactive media wall along enable traditional and innovative forms of programming in the plaza. Commons designed in collaboration with Missouri Botanical Garden uses plants to make it an attractive monarch butterfly migration stop.
7. **Rockefeller Estate – Kykuit** | Tarrytown, New York | 2013 Planning, and design of the estate campus to address impacts of climate change and aging trees. Project motivated by damage to priceless sculptures as well as increased need for accessibility across the landscape.
8. **Raising Malawi School for Girls** | Lilongwe, Malawi | 2009 Design of campus for a new girls’ boarding school in Malawi. Design involved a palate of indigenous plants which had to be grown in on-site nurseries.
9. **SUNY Purchase Green Roof** | Purchase, NY | 2008 First green roof design and installation for State University of New York property. Involved extensive research and development to address wind loading issues.

C. PARKS AND INFRASTRUCTURE

1. **Tibbetts Brook Daylighting at Van Cortlandt Park** | Bronx, NY | 2018, Landscape Architect for the schematic design of a new wetland landscape and boardwalk. The wetland will hold and treat water during storm events, diverting it from the city’s combined sewer system.
2. **McDonald Playground NYCDPR Community Parks Initiative** | Staten Island, NY | 2018, Project Director for the 1.36-acre park as part of the NYC Community Parks Initiative. The project included extensive public engagement that guided the redesign of the cherished community park.
3. **Gowanus Canal Sponge Park Pilot** | Brooklyn, NY | 2016, Envisioned, designed, and wrote grants to fund a modular street-end green infrastructure system. The pilot project was implemented through advocacy efforts with local community organizations, government agencies, and elected officials. Testing of effectiveness was carried out for two years by scientists at Manhattan College and is ongoing through the NYC Department of Environmental Protection.
4. **BQGreen** | Brooklyn, NY | 2014 Creator of a new form of public space designed to reconnect neighborhoods divided by the BQE trench in Brooklyn, NY. The design combats the negative environmental, economic, and social impacts of urban highways.

5. **MARSHES Wetland Mitigation Bank** | Staten Island, NY | 2013 Development of the first wetland mitigation bank in New York State. Prototype set standards for more green banking projects across the State of New York.
6. **QueensWay Metropolitan Hub** | Queens, NY | Ongoing Design development of the first phase of the QueensWay planning project, the Metropolitan Hub links the adjacent Metropolitan Expeditionary High School to Forest Park and provides spaces for active learning, field research, and recreation.
7. **Prospect Cemetery** | Queens, NY | 2009 Restoration of one of the oldest cemeteries in New York City. Involved development of highly specific construction specifications, and ongoing maintenance protocols to ensure protection of historic resources.
8. **Pop-Up Park at Pier 1** | Brooklyn, NY | 2008, A temporary public space installed in concurrence with artist Olafur Eliasson's 'Waterfalls' exhibition in the New York Harbor. The pop-up park helped generate public support for the development of a permanent park on the site. The park was an early example of tactical urbanism and attracted hundreds of thousands of visitors over its 12 weeks in operation.