

Ellen Oettinger White, PhD

Curriculum vitae October 2023

Assistant Professor, Department of Landscape Architecture
SUNY College of Environmental Science and Forestry, 1 Forestry Drive, Syracuse, NY 13210
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Academic Appointments

2023 Assistant Professor, Landscape Architecture
State University of New York College of Environmental Science and Forestry

Education

2018-2023 PhD, Planning and Public Policy
Certificate in Coastal Climate Risk and Resilience (C2R2)
Dissertation: "Roadside Tree Removal: Causes, Consequences, and Who Decides"
Rutgers University Edward J. Bloustein School of Planning & Public Policy

2013-16 Master in Landscape Architecture
Rutgers University School of Environmental and Biological Sciences

2006-08 Master in Urban Planning (Concentration: Transportation & Infrastructure)
Harvard University Graduate School of Design

1998-2003 Bachelor of Art & Design, Bachelor of Multidisciplinary Studies
North Carolina State University

Refereed Journal Articles

2023 White, E.O. (2023). "Unclear Territory: Clear Zones, Roadside Trees, and Interdisciplinary Collaboration in State Highway Agencies." *Transportation Research Part D: Transport and Environment*. Vol. 118.

Manuscripts Under Review

White, E.O. and Meixler, M.S. "'It's like a moonscape.': Assessing Large-Scale Roadside Tree Removal Using Aerial Imagery and Interviews." *Landscape and Urban Planning*.

Manuscripts In Progress

White, E.O. and Meixler, M.S. "The Effects of Road Design Characteristics and Functional Class on Landscape Fragmentation in the Southern Appalachian Mountains." Target: *Journal of Transport Geography*.

White, E.O. and Noland, R.B. "The Clear Zone Abroad: An International Comparison of Roadside Tree Policies." Target: *Landscape Journal*.

Ralph, K and White, E.O. "Do engineering instructors teach induced demand? If so, how? If not, why not?" Target: *Transportation Research Record*.

Professional Publications

- 2013 Santalucia, P., Whitaker, B., and Oettinger, E. (2013). "National Cooperative Highway Research Project: 20-65/Task 39: Potential Impacts of Federal Health Care Reform on Public Transit." Washington, DC: The National Academies Press.
- 2011 Koffman, D., Johnson, C., and Oettinger, E. (2011). "National Cooperative Highway Research Project: 20-65, Task 30: Local Practices in Developing Coordination Partnerships with Taxicab Companies." Washington, DC: The National Academies Press.

Professional Experience

- 2016-18 Arterial Streets LLC (Montclair, NJ), Urban Designer
A landscape architecture & street design firm
- Selected projects: Stuyvesant Avenue Streetscape, Springfield Avenue Corridor Plan, Ventnor City Streetscape, Morris Canal Greenway, Jersey City Bicycle Master Plan.
 - Project manager for winner of a New Jersey Complete Streets Excellence Award in 2019 (Stuyvesant Avenue Streetscape design and construction in Union City).
 - Managed streetscape design and construction projects in towns across the state.
- 2008-13 Nelson\Nygaard Consulting Associates (New York City), Senior Associate
A transportation consulting firm headquartered in San Francisco, CA
- Selected projects: RIPTA Human Services Transportation Study, Smart Growth America Michigan Livable Communities Plans, DC Mid-City East Livability Plan, River of Grass Greenway Feasibility Study, Houston 5th Ward Bicycle Master Plan.
 - Led small to medium transportation studies (\$35,000-\$200,000), including proposal writing, client relationships, project scoping, project content, and budget management.
 - Met required annual business development targets.
- 2004-2006 Office of the Brooklyn Borough President (Brooklyn, NY)
Economic Development and Capital Budget Coordinator
- Managed the Borough President's annual capital budget allocation (~\$40 million), including parks, libraries, community centers, among others.
 - Other duties: Liaison to Brooklyn Business Improvement Districts and Atlantic Yards/Barclays Center community outreach efforts.

Teaching Experience

- 2023 Instructor, Graduate Studio in Climate Resilience Planning & Design
SUNY College of Environmental Science and Forestry
12 students (fall)
- 2021 Instructor, Introduction to GIS (Graduate)
Rutgers Bloustein School of Planning and Public Policy
13 students (fall)
- 2015-16 Instructor, Fundamentals of Environmental Geomatics Lab (Undergraduate)
Rutgers School of Environmental and Biological Sciences
2 sections, 17 + 18 students (2016)
2 sections, 13 + 17 students (2015)

Fellowships, Grants, and Awards

2023	Susan S. Fainstein Distinguished Doctoral Scholar Award for Best Dissertation Rutgers University Edward J. Bloustein School of Planning & Public Policy
2022-23	Federal Highway Administration Dwight David Eisenhower Transportation Fellowship Dissertation Research Support Value: \$35,500
2022	Association of Collegiate Schools of Planning Student Travel Award Faculty Women's Interest Group Award (Conference Support) Value: \$650
2021-22	Landscape Architecture Foundation Fellow Fellowship for Innovation and Leadership Value: \$5,000
2021-22	Federal Highway Administration Dwight David Eisenhower Transportation Fellowship Dissertation Research Support Value: \$5,000
2021	International Conference on Ecology and Transportation Student Aspiration Award Student Merit Award for Multimedia Session Value: \$150
2021	WTS Greater New York Chapter Scholarship Leonard Braun Memorial Graduate Scholarship Value: \$4,000
2021	Nana Kirk Scholar EDRA52: Environmental Design Research Association 2021 Conference Support Value: \$150
2020-21	Federal Highway Administration Dwight David Eisenhower Transportation Fellowship Dissertation Research Support Value: \$10,000
2020	Garden Club of America's Caroline Thorn Kissel Summer Environmental Scholarship Project: "Ecological Impacts of Federal Roadside Design Guidelines" Value: \$3,000
2018-20	Coastal Climate Risk and Resilience Fellow (Rutgers University) A National Science Foundation Traineeship Value: \$145,000
2017	American Society of Landscape Architects Award of Excellence: Research (Professional) Contributor: "Fluid Territory: A Journey into Svalbard, Norway"
2016	Landscape Architecture Foundation National Olmsted Scholar Finalist Proposed Project: "Autonomous Vehicles and the Future of Roadsides" Value: \$1,000

- 2016 TA/GA Professional Development Fund Grant Recipient (Rutgers AAUP)
Project: MLA Thesis—Roadside Field Work in the Southern Appalachian Mountains
Value: \$400
- 2014 Roy H. DeBoer Travel Prize in Landscape Architecture (Rutgers LA Department)
Project: Green Infrastructure in & Bicycle Trip between Portland, OR, & Seattle, WA
Value: \$900
- 2013-14 Albert Fellows Fellowship in Landscape Architecture (Rutgers University)
Departmental full tuition scholarship and stipend
Value: \$40,000
- 2008 American Society of Landscape Architects Honor Award: Analysis and Planning (Student)
Contributor: "The Rebirth of the Tajo River/ El Renacer del Río Tajo"

Peer-Reviewed Conference Presentations

- 2023 Presentation, Association of Collegiate Schools of Planning Conference
White, E.O. (presenting) and Meixler, M.S. (2023, October). "Carbon Ecosystem Services Trade-Offs of Large-Scale Roadside Tree Removal in Coastal Georgia." Paper presented at the annual conference of the Association of Collegiate Schools of Planning, Chicago.
- 2023 Presentation, Transportation Research Board Annual Meeting
White, E.O. and Meixler, M.S. (2023, January). "Quantifying Roadside Tree Removal Along the I-16 Corridor in Georgia Using High-Resolution Aerial Imagery." Paper presented at the lectern session of AEP70, the Standing Committee on Environmental Analysis and Ecology of the National Academy's Transportation Research Board, Washington, D.C.
- 2022 Presentation, Association of Collegiate Schools of Planning Conference
White, E.O. (presenting) and Noland, R. (2022, November). "The Clear Zone Abroad: An International Comparison of Roadside Tree Policy." Paper presented at the annual conference of the Association of Collegiate Schools of Planning, Toronto.
- 2022 Presentation, Association of Collegiate Schools of Planning Conference
Ralph, K. (presenting) and White, E.O. (2022, November). "Why is 'Induced Demand' Missing from Transportation Engineering Classrooms? (And Why Should Planning Professors Care?)" Paper presented at the annual conference of the Association of Collegiate Schools of Planning, Toronto.
- 2021 Presentation, Association of Collegiate Schools of Planning Conference
White, E.O. (2021, October). "Quantifying highway agency roadside tree removal using high-resolution aerial imagery." Paper presented at the annual conference of the Association of Collegiate Schools of Planning, virtual conference.
- 2021 Presentation, International Conference on Ecology and Transportation
White, E.O. (2021, September). "Quantifying highway agency roadside tree removal using high-resolution aerial imagery." Multimedia presentation at the bi-annual conference of the International Conference on Ecology and Transportation, virtual conference.

- 2021 Presentation, Environmental Design Research Association Annual Conference
White, E.O. (2021, May). "Roadside Vegetation Design and Management: Interpretation Determines Impacts." Paper presented at the annual conference of the Environmental Design Research Association, virtual conference.
- 2021 Presentation, Council of Educators in Landscape Architecture Annual Conference
White, E.O. (2021, March). "Roadside Trees and Transportation Landscape Architects." Paper presented at the annual conference of the Council of Educators in Landscape Architecture, virtual conference.
- 2021 Presentation, Transportation Research Board Annual Meeting
White, E.O. (2021, January). "Unclear Territory: The Clear Zone, Roadside Trees, and Collaboration in State Highway Agencies." Paper presented at the annual meeting of the National Academy's Transportation Research Board, virtual conference.
- 2020 Presentation, Association of Collegiate Schools of Planning Conference
White, E.O. (presenting) and Noland, R. (2020, November). "Federal Roadside Design Guidelines: Dramatically Different State Interpretations." Paper presented at the annual conference of the Association of Collegiate Schools of Planning, virtual conference.

Guest Lectures, Juries, Press Coverage & Other Conference Activity

- 2024 Transportation Research Board Annual Meeting: Landscape and Environmental Design Committee, Invited LECTERN Session
White, E.O. (upcoming, January). "Unclear Territory: Clear Zones, Roadside Trees, and Interdisciplinary Collaboration in State Highway Agencies"
- 2022 American Society of Landscape Architects 2022 Conference on Landscape Architecture Panel (virtual presentation): "Landscape Architecture Beyond the Olmstedian Narrative: Reclaiming, Reframing, and Reinventing the Profession"
- 2022 American Society of Landscape Architects: The Dirt Blog
"Emerging Landscape Architecture Leaders Offer 'Next Game-Changing Ideas' (Part II)"
- 2022 Landscape Architecture Foundation Innovation and Leadership Symposium
Presentation: "Roadsides and the Nature of Power in Landscape Architecture"
- 2022 Guest Lecturer, Rhode Island School of Design
Graduate course: "Issues in Landscape Architecture History"
- 2021 Presentation, Krueckeberg Doctoral Conference at Rutgers University
"Roadside Tree Removal and Collaboration in Departments of Transportation"
- 2021 Session Organizer / Presiding Officer, Transportation Research Board Annual Meeting
"Social Distancing and Emerging Trends in Street Design for 2020 and Beyond"
- 2020 Poster Presentation, Transportation Research Board Annual Meeting
Co-Author Dr. Marcia S. Meixler, Ecology Committee Poster Session: "Ecological Effects of Historic Geometric Design Standards and Practice"

- 2018 Poster Presentation, Transportation Research Board Annual Meeting
Landscape & Environmental Design Poster Session: "History of the Roadside Landscape"
- 2018 Guest Juror, Rutgers Department of Landscape Architecture
Midterm review in Undergraduate Regional Studio
- 2012 Speaker, National American Planning Association Webinar
"Senior Mobility: Pedestrian Infrastructure for Older Adults"
- 2012 Guest Lecturer, Manchester Community College (Manchester, CT)
Undergraduate course: "Public Outreach and Survey Methods"

Service to the Profession

- 2022-Present National Cooperative Highway Research Board Project 07-33 Panel: Evaluate the Benefits of
Increasing Clear Zone at Higher Speed/Traffic Volume/Crash Locations
- 2020-Present Transportation Research Board Landscape & Environmental Design Committee Secretary
- 2016-Present Transportation Research Board Landscape & Environmental Design Committee Member

Peer Reviews

- 2019-Present Transportation Research Part D: Reviewer
- 2016-Present Transportation Research Board Landscape & Environmental Design: Paper Reviewer
- 2021 Bridging Transportation Conference: Paper Reviewer

Memberships & Certifications

- 2009-19 American Institute of Certified Planners
- 2007-Present American Planning Association
- 2015-Present American Society of Landscape Architects