Matt Grosser, WEDG

Ecological Design + Adaptation Professional

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INTERESTS

The integration of ecologically based defenses within urban shoreline infrastructure as a means of climate change adaptation.

Nurturing interspecies kinships between social and ecological communities as a catalyst for more equitable forms of urban resilience.

TECHNICAL SKILLS

- Photoshop
- Illustrator
- ArcGIS
- AutoCAD
- Rhino
- Grasshopper
- Autodesk Revit
- SketchUP
- Lumion
- VRay
- InDesign
- Microsoft Office
- CNC/3D Print
- Unity 3D
- Bluebeam

TALKS

Grosser, M (May 2020) Design with Diploria: Coral Infrastructure for a New Coastal Future (Master's Thesis) University of Washington College of Built Environments, Seattle, Washington.

EDUCATIONAL QUALIFICATIONS

Ph.D. in the Built Environment (Current Student)

Focus: Ecologically-based Coastal Adaptation Strategies
University of Washington - College of Built Environments
Seattle, Washington | 2023-2027

Master of Landscape Architecture

University of Washington - College of Built Environments
Seattle, Washington | 2017-2020

Bachelor of Science in Sustainable Urban Environments

New York University - Polytechnic School of Engineering
Brooklyn, New York | 2012-2015

PROFESSIONAL EXPERIENCE

Landscape Designer

GGLO Design | October 2021 - February 2023

I provided site context research/analysis while producing 3D/physical models and design/permit documentation for GGLO's wide range of project typologies. I coordinated with stakeholders and relevant government agencies regarding permit submissions, as well as help run community engagement and design review meetings. I also served as our Landscape team's resident stormwater and ecological design specialist.

Landscape/Waterfront Designer

The Watershed Company | October 2020 - October 2021

Contributed to the design of public & private waterfront projects at a range of scales. I produced 3D visualizations, interpretive graphics, and construction documents while also aiding our staff ecologists as they developed shoreline management programs in addition to restoration and mitigation plans. Helped run community engagement and design review meetings and also coordinated with local and statewide regulatory agencies as well as the U.S. Army Corps of Engineers.

Freelance Landscape/Resilience Designer

P.W. Grosser Consulting | May 2019 - November 2019

Developed a planting plan and palette that would enhance a proposed floodwall while I created graphics to secure stakeholder support for a hospital resilience project on Long Island, NY. I produced renderings and design documents, in addition to presenting resilience principles to hospital executives and community members.

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AWARDS

Inaugural recipient of the University of Washington Landscape Architecture Department's Kenichi Nakano Endowment (2019/2020)

CERTIFICATIONS

Waterfront Edge Design Guideline Professional (WEDG)

DigitalFUTURES World: YFALOS - Artificial Reef Design Workshop (2020)

Envision Sustainability Professional (Exp.)

Member of the American Society of Landscape Architects Since 2018

Certified Saké Professional (CSP)

FUN FACTS

I played baseball for most of my life, culminating with me pitching professionally for the Port of Antwerp Royal Greys during their 2014 season in Antwerp, Belgium.

Additionally, in 2012 I played for the Oosterhout Cavaliers in the inaugural season of the College Baseball League of Europe (NL) and was captain of New York University's baseball team.

Volunteered with the New York Marine Rescue Center - assisted with fundraising events, pinniped/turtle care, and animal releases

During my free time I enjoy hiking, fishing, and paddling with my shiba inu Hideki.

PROFESSIONAL EXPERIENCE CONTINUED

Green Infrastructure Project Manager

New York City Department of Design & Construction
January 2016 - August 2017

Managed six consultant based green infrastructure projects totaling ~$100 million in NYC capital funds. I coordinated interagency approvals, reviewed plans at critical intervals, inspected built assets, and was the point of contact for consultants, contractors, and the public. I also led four internally designed projects in Southeast Queens, where I undertook walkthroughs and used ArcGIS to perform hydraulic analysis, calculating the feasibility of right-of- way green infrastructure practices.

Project Manager

Milrose Consultants | May 2015 - January 2016

Prepared submissions to the NYC Department of Buildings for projects' construction and occupancy permits. I reviewed interdisciplinary plan sets and compiled the necessary paperwork from the design firms of record.

Urban Forestry Intern

Seattle Department of Transportation | Summer 2018

Interacted with the public across the neighborhoods of Seattle and catalogued right-of-way street trees by identifying their species, assessing their health, and geolocating them into a public-facing data set using ArcGIS.

Sustainability/Engineering Intern

P.W. Grosser Consulting | Fall 2014/Summer 2012

Tabulated soil and water samples, site surveyed, and conducted site inspections during construction phasing. I also assessed Long Island wineries' potential for geothermal services and searched for RFP and RFQ opportunities.

Project Procurement Intern

Above the Fold (Architectural Agency) | Spring 2013

Assisted in the preparation of responses to RFPs and RFQs on behalf of our clientele within the fields of architecture and landscape architecture. Occassionally I'd cold-call institutions to gain leads on potential design work.

TEACHING/RESEARCH EXPERIENCE

Graduate Assistant

UWLA: Urban Hydrology & Soils | Spring 2020

Assisted students with their quarterlong design project while running help sessions. I graded assignments, redlined design documents and. coordinated guest speakers via zoom.

Graduate Assistant

UWLA: Design Implementation | Winter 2020

Assisted students with their quarterlong design project while running help sessions. I also graded assignments and redlined design documents.

Research Assistant

University of Washington: Green Futures Lab | Winter '19-Spring '20

Assisted the Green Futures Lab with their Floating Wetlands Project by aiding in the construction and deconstruction of their floating wetland "biobarges". I also designed and fabricated the signage that was utilized for their Duwamish River community science initiative.