

Request for Proposal
Washington Turfgrass Seed Commission

WASHINGTON TURFGRASS SEED COMMISSION
TERMINATION REPORT FOR 2022 PROJECTS

Project No.:

Title: Turfgrass Design Typologies In Residential And Urban Landscapes

Personnel: Katherine Kraszewski

Reporting Period: Fiscal Year 2023

Accomplishments:

- Draft of Manuscript Completed - final stages of editing
- Images Finalized with supporting data
- Research featured in Conference of Washington Society of Landscape Architecture Article drafting to promote more educated turfgrass application in residential and urban areas.
- Presentation discussed how turfgrass provides a number of distinct social and cultural benefits in addition to its many ecological benefits.

Results:

Over the course of a 12 month time period, our team conducted an extensive literature review and case study analysis which led to graphically modeling the collected data for eight different design typologies in two different scales. Our team aimed to reach two main research objectives in order to provide clear and valuable information to designers and homeowners (1) determine the various environmental and social benefits and challenges of the eight most common design styles by conducting a literature review to collect data on each typology's environmental and social contexts (2) model the data in a series of design typology graphics which reflect the information collected to further showcase each design option with its strengths and shortcomings for the benefit of designers and homeowners.

- Initial data highlights the poor performance of artificial turf as compared to traditional lawn - with Lawn having the highest rating for social benefits

Publications:

Conference Presentation And Proceedings:

Kraszewski, K. Austin, S. 2022. Landscape unArchitecture for the Crisis Century.
Washington American Society of Landscape Architects Annual Conference. Seattle, WA.

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Media/ News publications

- Heavy duty grasses could replace artificial turf on athletic fields. By Seth Truscott. Published on November 8, 2023
- Lawns for a hot, dry future tested at WSU turfgrass research farm. By Seth Truscott, College of Agricultural, Human, and Natural Resource Science
- A new kind of blue (grass), WSU. NW Farm & Ranch, Summer 2022. Published on Jun 27, 2022

Instructions:

1. Record information for active and pending projects.
2. All current research to which principal investigator(s) and other senior personnel have committed a portion of their time must be listed whether or not salary for the person(s) involved is included in the budgets of the various projects.
3. Provide analogous information for all proposed research which is being considered by, or which will be submitted in the near future to, other possible sponsors.

Name (List PI#1 first)	Supporting Agency and Project #	Total \$ Amount	Effective and Expiration Dates	% of Time Committed	Title of Project
Katherine Kraszewski	Current: Washington Turfgrass and Seed Commission & Washington State University	\$12,849	Start March 2022 End March 2023	20%	Turfgrass Design Typologies In Residential And Urban Landscapes

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	Pending:				
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