



## Project Approval & Support Form (PASF)

**Project Title:** ASUW Shell House Stormwater Sustainability Feasibility

**Primary Contact:** Kathryn Rogers Merlino, Department of Architecture

By signing this form, I confirm that the project lead(s) has/have discussed this project with me, and that I/my department will provide the following types of approval and/or support (*please check all that apply*):

**APPROVAL**

Space (within a building) – I / my department approves this project to take place at the building noted in the project proposal.

Site (outside a building) – I / my department approves this project to take place at the outdoor location noted in the project proposal.

Financial – I / my department will take on the responsibility of future operational costs – staff, training, maintenance & repairs.

**SUPPORT:** These are ongoing commitments of individuals to oversee and provide subject matter advice to help advance proposals. A written letter may be provided on page 2. Please check all that apply:

Departmental Support – I  Staff/  Faculty /  Department am willing to provide  resources (please specify below),  space (temporary or permanent),  on-going advising,  one-time financial contributions, and/or  academic program support, etc.

Subject Matter Experts – Willing to provide guidance regarding standard processes, typical detailing, review of proposals, on-going advising, etc.

External Consultants – Willing to provide  donated time,  materials,  mentoring, etc (please specify below).

**Other notes (if applicable):**

**Name/Signature of Approver or Supporter**

Nancy Rottle

**Date:**

4-12-2023

**Position Title:**

Professor Emeritus, Director, Green Futures Lab, College of Built Environments

**Department/Organization:**

Department of Landscape Architecture, UW

**Phone:**

206.685.0521

**Email:**

nrottle@uw.edu

Please save this completed form as "Project Contact Name\_Project Name" and email it to [csfproj@uw.edu](mailto:csfproj@uw.edu) & cc [csfcoord@uw.edu](mailto:csfcoord@uw.edu)  
The email originating directly from the approving body will be considered a signature.

Updated: March 2020

## Formal Letter of Support [Optional] / Additional Notes:

The Green Futures Lab will be collaborating for this project providing expertise.

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Dear Campus Sustainability Committee,

The UW Green Futures Lab develops projects that explore and demonstrate sustainable, ecological solutions for urban sites and systems. Over the past 15 years we have particularly focused on water systems, at scales from watershed protection to water harvest and re-use, always considering the nested scales of context that are both impacted and conserved through design actions.

In a 2011-13 project we focused on stormwater treatment on waterfronts, advocating for treatment of polluted stormwater on waterfronts before direct discharge into receiving bodies of water. Our research and design included developing the design for a unique constructed wetland adjacent to a Puget Sound shoreline, designed to both clean the stormwater, and store the water for re-use in the innovative wetland. We produced several general guidance documents for this “Waterfront Stormwater Solutions” project, which are on the Green Futures Lab website. We have retained all of the documents and resources developed for this project, which was supported by two local environmental foundations and Washington Sea Grant..

The Historic Shell House offers a unique opportunity to treat stormwater from adjacent pollution-generating surfaces, as well as to collect water for re-use in the to-be-renovated Shell House Event Center. Our GFL staff will contribute their research and design expertise to explore feasibility of various approaches to not only meet, but to go beyond the City of Seattle’s stormwater requirements. Working collaboratively, we will test the feasibility of exemplary approaches that would render the Shell House a next-generation example of sustainability – simultaneously protecting the historic value of the structure while addressing the needs of the future in safeguarding our water resources, both for humans and other-than-humans.

We propose that the Green Futures Lab manager Daquan Proctor will provide primary research and design for the project. Daquan has been leading the renewal of the Biodiversity Green Wall and Water Harvesting System, and so is uniquely qualified to contribute to and collaborate on this stormwater feasibility study for the ASUW Shell House.

This is an important and exciting project that perfectly matches the mission and expertise of the UW Green Futures Lab, and we are enthusiastic supporter and partners.

Sincerely,



Nancy D. Rottle, RLA, FASLA  
Professor Emeritus, Department of Landscape Architecture  
Director, Green Futures Research and Design Lab  
College of Built Environments

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