

URBAN GREEN INFRASTRUCTURE SUMMIT

Attendee Bio Form

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Ph.D:

MS: Civil and Environmental Engineering

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Which platforms do you use (select all that apply):

Google Drive



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Short Bio:

Growing up in the Seattle Area, I have always been surrounded by environmental conversations. This naturally led to an undergrad in Civil and Environmental Engineering, which evolved into a master's degree. My primary academic focus is in hydroclimatology and groundwater resources.

What are the greatest urban environmental challenges in your discipline/area of expertise?

Communities that rely on groundwater as their primary water resource (such as Pullman, WA) are highly impacted by groundwater withdrawal/recharge rates, soil subsidence, sink holes, water salination (in coastal communities), and water quality/contamination.

What are the major knowledge gaps/scientific questions that need to be answered to address these environmental challenges?

The primary challenges associated with groundwater resources is the ability to measure spatial and temporal changes in an aquifer system. Scale issues tend to propagate groundwater problems.

What types of green infrastructure do you have experience with and/or study?

My personal experience in green infrastructure is fairly slim (thus my attendance) though I did have an introductory class to LEED certification.

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