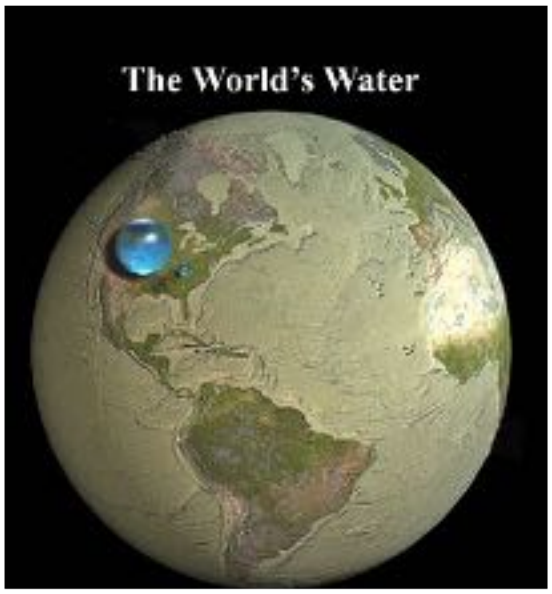

https://www.usgs.gov/media/images/all-earths-water-a-single-sphere

Earth Month 2022

No Time To Waste

Are we drowning or parched

It seems we have been talking about a 'water crisis' as long as most of us have been in the water business!? **THIS** is the year to address how decentralized options are the solution.

During Earth Month 2022, WasteWater Education 501(c)3 will be showcasing those solutions.

Join Via Zoom Kayla Hanson P.E.

Time: April 26, 2022 11:00 AM PT, 2PM ET

Register in advance for this meeting:

https://us02web.zoom.us/meeting/register/tZ0ucu2vpjsjG9QVaGignsIN0wJssn1VXd_N

After registering, you will receive a confirmation email containing information about joining the meeting.

Resilient Wastewater Solutions: Building for the Future

Our nation's aging infrastructure is a common theme in the news. We hear about deteriorating roads, high-risk dams, and old and undersized treatment plants. Wastewater infrastructure is critical to society's daily functions, health, and safety, yet it is one of the lowest-rated aspects of our country's framework. Improving wastewater infrastructure involves billions of dollars of repair, rehabilitation, and new construction work. A key to long-term success is to select quality and resilient construction solutions.

During this session we will investigate resilient concrete wastewater solutions. We will discuss what resilience is and why resilient construction has become a focal point in both centralized and decentralized wastewater projects across the country. We will discuss what factors contribute to resilience and how resilient solutions can improve safety, reduce construction time, reduce costs, and extend service life. Finally, we will investigate options for bolstering concrete's durability while also reducing concrete's carbon footprint.

Kayla Hanson Bio

linkedin.com/in/kayla-hanson-p-e-2694a491

Kayla graduated from Purdue University in 2013 with a B.S. in Civil Engineering and an emphasis in structures. Kayla is a licensed Professional Engineer in Indiana, who joined Concrete Sealants in March 2022 as a Technical Resource Engineer. Kayla provides technical consultation and product implementation assistance to customers, engineers, and end-users of all ConSeal products; she works closely with state DOTs and municipalities; and she serves as a liaison to the specifying community.

Prior to joining Concrete Sealants, Kayla worked for the National Precast Concrete Association for over eight years where she most recently served as the Director of Technical Services. During her time with NPCA, Kayla worked with various product-specific committees, conducted Plant Evaluations at precast concrete manufacturing plants, developed industry technical publications, and presented educational sessions at conferences and universities across the country.

Kayla's primary areas of interest include durability and watertightness of precast concrete structures; water and wastewater storage, treatment, and conveyance infrastructure; transportation infrastructure; and resilience.

Kayla is also involved in industry codes and standards groups including ACI and ASTM, and has served in various roles including the Secretary and Vice Chairman of ASTM Committee C27 on Precast Concrete Products, as well as the Subcommittee Chairman of ASTM C27.30 on Water and Wastewater Containers.