COLUMBIA SECTION MONTHLY NEWSLETTER

Since October 10, 1950 January 2023

Columbia Section Upcoming Presentation

Please join us on Wednesday, January 25th at Home Builders Association of Tri-Cities, for the presentation “Designing Landscapes with Sustainability in Mind” by Tamra Lehuta, PLA. Mrs. Lehuta’s landscape architecture experience spans over 35 years throughout the United States. She has been directly involved with recreational design and master planning, commercial development, educational facilities, medical complexes, environmental enhancement and private residential estates. Her design solutions embrace artistic flare that combine functionality and engineering of the landscape with foresight of sustainability and long-term operations. Her love for landscape architecture extends into her personal life.

Hope you can join us!

PLACE LANDSCAPE ARCHITECTURE

HBA

Date:
Wednesday, January 25th , 2023

Time:
12.00 pm– 1 pm

Place:
Home Builders Association of Tri-Cities

Lunch: Pizza will be provided

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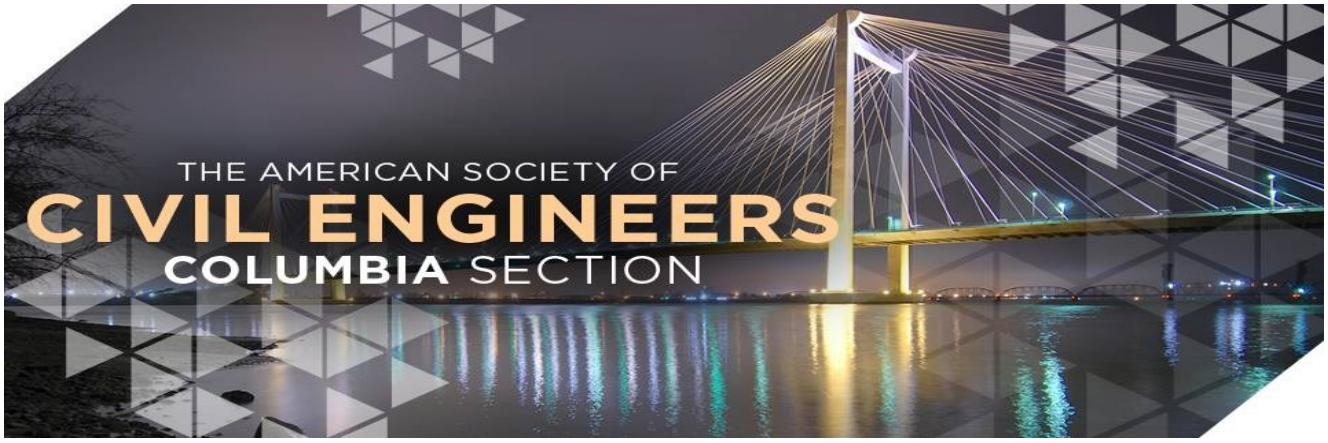
Visit us on Facebook!



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President's Message

Dear ASCE Columbia Section Members and friends,

Wishing you a very happy and prosperous new year!

We hope you had a wonderful time with your family and friends during the festive season. We're back to work and we're looking forward to having you on our monthly Section Meetings.

We start this year with the presentation "Designing Landscapes with Sustainability in Mind" by Tamra Lehuta, PLA in our favorite spot Home Builders Association of Tri-Cities on Wednesday 25th at 12 pm. Pizza will be provided.

Hope to see you all there!

As always we welcome any tour or presentation ideas which you can send to the email below. Thank you for your support!

Tatiana Skadorwa

Columbia Section President 2022-2023

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ASCE Columbia Section Construction Tour photos

Tour of the City of Pasco's Waste Water Facilities New Construction

The City of Pasco is currently expanding their Waste Water Treatment Facility to accommodate the increased and future growth of the City. This Project is being completed in multiple phases and includes varying degrees of engineering, ecological, and environmental design criteria. The current phase of construction involves: This project consists of improvements and modifications to the City's existing municipal wastewater treatment facility (WWTP) which includes furnishing all labor,

materials and equipment necessary for the construction of new primary effluent structures and piping, two new aeration basins, alterations to two existing aeration basins, a blower building expansion, addition of two new blowers, modifications to two existing blowers, pump system distribution improvements, a new effluent flowmeter facility, approximately 1,150 feet of new 42-inch diameter outfall piping, new primary power switchgear, associated electrical and control systems, associated site work and yard piping, and other appurtenances as necessary to complete the Project. The WWTP improvements also include the demolition of the existing trickling filter and select items. ASCE was able to walk through both the existing plant and the improvements being constructed at the time with an insight provided by operations and construction management provided by HDR.

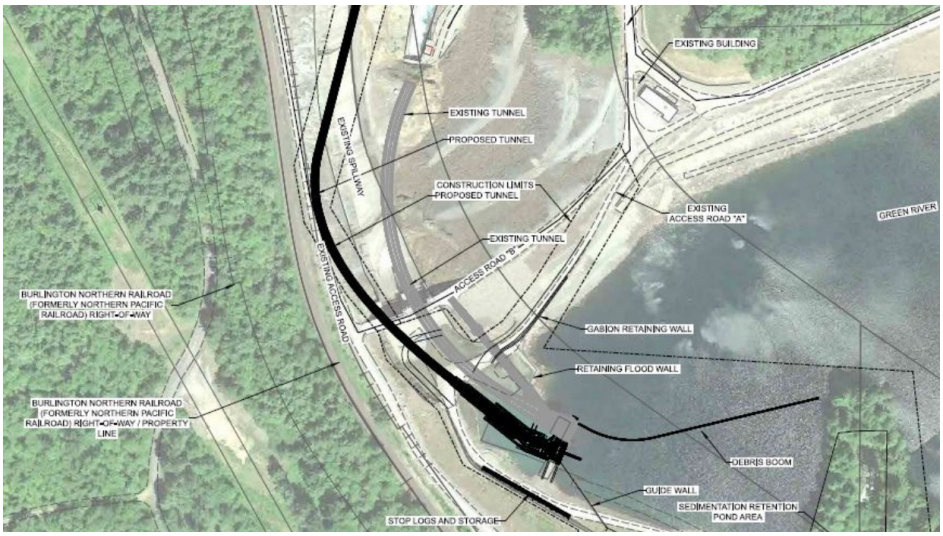
ASCE January Monthly Spotlight

WSU Tri-Cities Collaboration Hall

WSU Tri-Cities new 40,000 sq. ft. Collaboration Hall creates a modern, cohesive and flexible inter-disciplinary building that supports current and future needs to serve it's first-generation and non-traditional students. This project was a Design-build utilizing Engineer's, Architects, and Construction Team that was then awarded the DBIA Chairman's award for educational facilities in August 2022. The Collaboration Hall project embodied Design-Build Done Right® from the start, and the team's commitment to the delivery method paid off with great design executed on time and under budget.

Read more in Here

Washington Dam Fish Passage Construction Advances

Hanson Dam is an earth-and-rock-fill embankment 675 ft long including its spillway and abutment structures. It is 235 ft tall and 960 ft thick at its base. This dam was originally completed in the 1960s. A project to build a fish passage facility would reopen more than 100 miles of Washington state's Green River for salmon spawning and rearing. The project will have other benefits like drinking water supply as well.

Read more in ENR