PacTrans presents

Ransford S. McCourt, PE, PTOE

Randy McCourt is retired in Portland, Oregon having served as President of DKS Associates and International ITE. He is a graduate of Oregon State University and the University of California, Berkeley. He presently is active in several areas of the National Committee on Uniform Traffic Control Devices, including chairing the Pedestrian Joint Task Force. His active participation has been in bus applications, CAV, dynamic message signs, LED, setting of speed limits, automated enforcement, pedestrian crossing safety, parking signs, and site roadways open to public travel. He recently led the task force activity to update ITE's speed hump recommended practice that resulted in the new Guide for Vertical Deflection Speed Reduction Techniques - Planning and Design of Speed Humps, Speed Tables and Other Related Measures.

REGIONAL TRANSPORTATION SEMINAR

Can AI Advance Transportation Engineering: Will Analysts Finally have Ubiquitous Access to the Best the Practice has to Offer?

Live Stream Link: https://youtube.com/live/DpA03WsWhb-M?feature=share

Wednesday, May 24 | 11:00 a.m. | UW HUB 334

Artificial Intelligence (AI) is emerging as a promising tool in the field of transportation engineering and planning. It has the potential to revolutionize the way we design, operate, and manage our transportation systems. AI algorithms can be used to optimize traffic flow, improve safety, reduce congestion, and enhance mobility. By analyzing large datasets, AI can provide valuable insights into transportation patterns and predict future demand. AI can be integrated into various aspects of transportation, including vehicle automation, traffic management, and route optimization. As a tool to help in analyzing real-time data, current research, emerging practice analysts can be exposed to greater volume of state-of-the-industry knowledge. Additionally, AI-powered logistics can predict congestion patterns, routing plans and delays, optimizing point-to-point travel by travel option, reducing costs and environmental impact. However, AI implementation in the transportation sector also poses challenges such as data privacy, cybersecurity, and regulatory issues. The use of AI in transportation engineering and planning is still in its infancy, but it holds great promise for the future.

All events are free and open to the public.

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