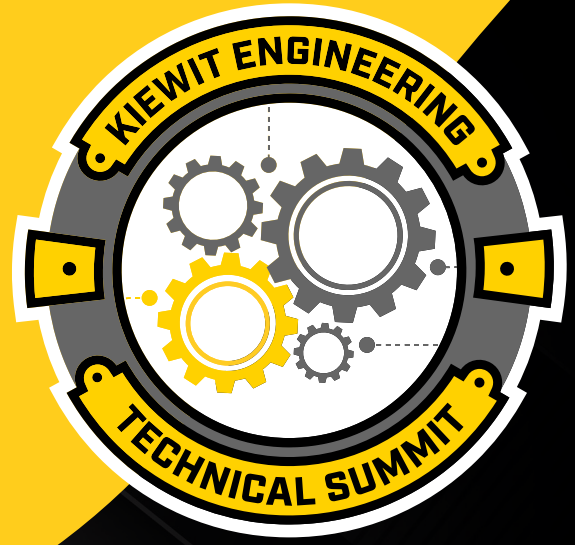


KIEWIT ENGINEERING TECHNICAL SUMMIT

SPONSORED BY KIEWIT'S CHIEF ENGINEERS COUNCIL

FEBRUARY 18-20 VIRTUAL EVENT



2025

CEC SPONSOR **JASON MANNING** | CEC CO-SPONSOR **HIMANSHU PATEL**

TUESDAY, FEBRUARY 18

9:45-10:00 CST Welcome from Kiewit Engineering Group President <i>Dan Lumma</i>	
10:00-11:00 CST <i>Keynote Speakers</i> Chief Engineers Panel: Early Career Roundtable <i>Oscar Antommattei, Del Shannon & Roy Carvajal</i>	
11:00-11:15 CST BREAK	
TRACK A	TRACK B
11:15-12:15 CST 3D Modeling Unleashed – The New Cornerstone of Construction <i>David Chamberlain, Jesse Barton & Nate Howard</i>	11:15-12:15 CST Re-thinking Plant Capacity and Design Conditions in Emerging Markets <i>Bryan Lofgreen & Eric Eisenbarth</i>
12:15-12:30 CST BREAK	
12:30-1:30 CST Kiewit's Future With Performance-Based Design: A Structural Case Study <i>Kory Rankin & Art Hortua</i>	12:30-1:30 CST How to Vent Hydrogen and Oxygen Safely <i>Jinhwan Yoo, Sanjay Ganjam, & Paulo Fernandez</i>
1:30-1:45 CST BREAK	
1:45-2:45 CST The Use of Seawater for Industrial Water Make-up <i>Bernardo Rodriguez</i>	1:45-2:45 CST Electrical Effect: Give an Inch and It'll Cost You at the Meter <i>Chris Stelzer & Andrew Loveall</i>
2:45-3:00 CST BREAK	
3:00-4:00 CST Design Leveraging – What Could Go Right? <i>Eric Skibbe, Shivani Soni & Jon Boxler</i>	3:00-4:00 CST Overcoming Design Challenges with Fiberglass Piping <i>Edwin Vazquez, Mario Martinez & Missael Pineda</i>

WEDNESDAY, FEBRUARY 19

9:45-10:00 CST Executive Message <i>Robert Allen & Kevin Needham</i>	
TRACK A	TRACK B
10:00-11:00 CST Emerging Technologies, Regulations and Demands in the Industrial Water Market <i>Daniel Wilson & Kristen Jenkins</i>	10:00-11:00 CST Back to the Future in the Utility Engineering Space <i>Vincennes Lavallette & Daniel Darnold</i>
11:00-11:15 CST BREAK	
11:15-12:15 CST Move Forward with Confidence: ID and Mitigate Technology Risks <i>Scott Westveer & Rosvic Navarro</i>	11:15-12:15 CST Keeping Those Old Units Running is Now More Important than Ever <i>Diane Fischer & Max Sherman</i>
12:15-12:30 CST BREAK	
12:30-1:30 CST Evolution of Probabilistic Fault Displacement Hazard Analysis and Tunnel Design <i>Peter Chou & Jeramy Decker</i>	12:30-1:30 CST Digital Substations: Key to a Sustainable Energy Future <i>Daniel Garaycochea, Matthew Klinker & Jeff Cool</i>
1:30-1:45 CST BREAK	
1:45-2:45 CST Kiewit's Engineering is the Wind Beneath SAF-Fueled Aircraft <i>Kiran Chaudhari, Kevin Turini & John Lai</i>	1:45-2:45 CST Engineering Investments for Cost Savings: Intake Structure Stabilization <i>Jacob Macdonald & Scott Jones</i>
2:45-3:00 CST BREAK	
3:00-4:00 CST Navigating the Variability of Natural Gas Composition for LNG Facility <i>Mohammad Mahdavian & Airui Zhang</i>	3:00-4:00 CST Optimizing Data Center Design Using Computational Fluid Dynamics <i>William Fischer & Baljinder Bassi</i>

THURSDAY, FEBRUARY 20

9:45-10:00 CST Executive Message <i>Megan Armstrong, Conrado Ayala & Robert Zinsmeister</i>	
10:00-11:00 CST <i>Keynote Speakers</i> Chief Engineer Moderated Keynote: AI Discussion <i>Names</i>	
11:00-11:15 CST BREAK	
TRACK A	TRACK B
11:15-12:15 CST The Future of Zero Liquid Discharge: Ensuring Sustainable Water Management <i>Axel Arvizu & Behrang Pakzadeh</i>	11:15-12:15 CST Compressors on Steel Modules <i>Anil Shelar & Fnu Witaro</i>
12:15-12:30 CST BREAK	
12:30-1:30 CST Low Carbon Footprint Fuels Using Gasification <i>Daniel Morse & Anindra Mazumdar</i>	12:30-1:30 CST AIV and FIV in Piping Systems <i>Edgar Balbuena, Andres Valverde & David Garcia</i>
1:30-1:45 CST BREAK	
1:45-2:45 CST Evolution of Engineering: Leveraging Data-Driven Methods for Future Engineering <i>Gabriel Fedorko</i>	1:45-2:45 CST Can a Storage Tank Handle a Lot of Settlement, or Just a Little? <i>David Redman & Austin McCarthy</i>
2:45-3:00 CST BREAK	
3:00-4:00 CST Large Scale Plate Load Tests for High Capacity Skid System <i>Nick Gura, David Bailey & Lin Zhao</i>	3:00-4:00 CST Kiewit Generative Engineering <i>Oscar Salazar & Richard Klassen</i>