

Utilities are under pressure to rethink their water infrastructure management strategies, especially in the face of climate change, water scarcity, and extreme weather events. Utilities and their infrastructure engineering partners must plan, design, build, and maintain water, sewer, and storm systems to be more resilient and adaptable to climate changes. Many of them are turning to open, AI-powered digital twins to advance their infrastructure workflows.

This breakout session will share how Bentley is helping water utilities connect people and better leverage data to achieve greater awareness and collaboration to relieve industry pressures.

Who you'll hear from:

- Jim Cooper, global director, Arcadis
- Serelle Corn, president, Project Controls Cubed
- Andrea DuMont, water industry strategist, Bentley Systems
- Gregg Herrin, vice president of water infrastructure, Bentley Systems
- Bob Mankowski, senior vice president of open applications, Bentley Systems
- Andre Salcedo, CEO, Sabesp

Questions you'll have answered:

- What is the breadth of coverage, and how do you approach innovation—one asset at a time, or all at once?
- What is the value of project delivery design information as it moves into construction?
- What is the role that software companies play in supporting utilities and their consultants?
- What are the shifts in the data ecosystem?
- What is the impact of AI?
- What is the UN SDGs' relationship to funding?

What you'll learn:

- Water affects every aspect of humanity's quality of life.
- Infrastructure and the professionals responsible for designing, building, and operating it are under pressure from growing demand, limited resources, climate change, and more.
- Sabesp, Arcadis, and Project Controls Cubed are using digital twins to transform how they design, build, and operate water systems.
- Software companies are supporting utilities and their consultants by providing the technology to make better decisions that deliver better outcomes.
- Open, AI-powered digital twins help infrastructure professionals collaborate and bring together engineering, enterprise, and operational data, above and below ground, in a geospatial context and at scale, to improve infrastructure delivery and performance across the lifecycle.

Interesting facts:

- Since 2000, drought frequency and duration have increased by nearly a third globally.
- By 2050, drought could impact more than 75% of the world's population.
- Rising sea levels threaten 570 cities worldwide, with potential damages reaching up to USD 1 trillion.
- Bentley users have seen 50% reduction in design time and modeling time, up to 75% workflow process improvement, and 15% to 20% reduction in energy consumption for pumping operations by using open digital twin applications.

For more information, please contact Bentley PR at PR@news.bentley.com.