

Cutting-edge trends and best practices in GIS/BIM applications – challenges, opportunities, and real life examples:

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Smart technology is all around us with Big Data at its core and where higher efficiency is the name of the game. GIS and place-based technology helps us to better understand our world so we can confront the global challenges that persist today. It also provides a collaborative platform to efficiently explore future directions to foster sustainable growth and enhance quality of life. This is because many of these issues are spatial in nature and require spatial thinking and technology application. Today, various technological platforms are emerging creating opportunities to augment the impact of GIS use. Mobile, cloud, Big Data and social media are all examples of how GIS can be strengthened to deliver decisions that are relevant, effective, and acceptable.

This presentation will provides a high-level outlook on the challenges and opportunities we face today and further feature a variety of practical applications of GIS and BIM technology in fields such as smart city planning and land management, design and construction, asset management, emergency response and water resources planning and management among others.