GIS INNOVATION AT ORANGE COUNTY'S JOHN WAYNE AIRPORT

TUESDAY JANUARY 30, 2024

Dinner at 5:30 p.m.
Talk 6 – 7:10 p.m.

University of Redlands, Orton Center
1249 E. Colton Ave, Redlands, CA
92374

RSVP by January 25 at

https://forms.office.com/r/S3uNACLAPk

Get ready to pack your bags (and make sure they're under 50 pounds!) for a captivating journey through innovation at the County of Orange. Cameron Smith will be your pilot, guiding you through the construction of an enterprise GIS, showcasing the dynamic organization of his team, and navigating problem-solving with a geographic twist. Explore the evolution of remote sensing and GeoAI as we take off into the world of spatial technology. Following this adventure, Marie Aquino will share her transformation of John Wayne Airport through her development of a 3D model of the airside, landside, and interior spaces. Hold on tight for a visualization of the master lease exhibit and a suitability land use tool ensuring safe development takes surrounding the JWA airspace. James Reed will bring our journey to a smooth landing, discussing the benefits and challenges of drone-enabled data capture at the airport and unveiling GIS web apps that showcase the groundbreaking work done at JWA. Buckle up for an exciting ride through the skies of GIS innovation!

About Cameron Smith

Cameron Smith has over 15 years of experience working in the GIS field with the last decade serving as the GIS manager for the County of Orange, where he has been instrumental in spearheading the development of a cutting-edge enterprise GIS. His recent endeavors have revolved around the integration of Artificial Intelligence, drone remote sensing, and Process Automation. He graduated from UC Santa Barbara with a Bachelor of Science in Physical Geography.

About James Reed

James Reed, a Cal Poly Pomona graduate, has transformed his passion for drones into a fulfilling career with the County of Orange. As supervisor of the OC Survey Drone Team, James and his team utilize drones and other reality capture methods to support various projects, including surveys, construction, environmental efforts, and business development. He is dedicated to exploring new methods of reality capture and finding innovative ways to improve workflows.

About Marie Aquino

Marie Aquino's experience spans a wide range of GIS responsibilities, including data management, spatial analysis, database development, and the use of various GIS tools and software. She has contributed significantly to GIS projects in her roles. Currently serving as a GIS Specialist at Orange County Public Works, Marie plays a vital role in innovating, integrating, and positively impacting the many existing airport systems (business, engineering, operations) at John Wayne International Airport.

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