

TRANSPORTATION SEMINAR

Arizona DOT: Sustainable Transportation Program Development - Integration into Heavy Civil Design Engineering and Construction

Friday, February 3, 2017
3:00pm to 4:30pm

Please join us in Schwada Building (SCOB) room 101 

Steven Olmsted

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Sustainability best management practices can help State and local public agencies improve use of their economic, social, and environmental resources. However, integrating sustainability best practices into State departments of transportation procedures can be daunting. Traditional design and construction dynamics—where a given discipline focuses solely on its own area of expertise—is not always conducive to adopting the enduring and collaborative process that is embodied in sustainability practices. The largest hurdle is recognizing that sustainability, in practical application to State DOT activities, is ill defined. In addition, the sustainability concept of the interrelatedness of all aspects of a project does not necessarily fit the conventional DOT project delivery process of plan, design, bid, build, and maintain. To strengthen the Arizona Department of Transportation's (ADOT) continuous improvement culture, it evaluated tools and strategies for integrating sustainability best practices and subsequently developed a Sustainable Transportation Program.

Steven Olmsted develops Infrastructure Health & Sustainability initiatives at the Arizona Department of Transportation. He assists in delivering ADOT's annual \$1 billion construction program and additionally administers project teams for resilience - extreme weather and climate adaptation, ADOT's Sustainable Transportation Program, and ADOT's USGS Partnerships to develop risk-based assessment mechanisms especially as they relate to asset management, hydrologic modeling, and hydraulic engineering design. In addition, he has held several accounting, finance and budget positions at ADOT.



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