

PLANNING AND ADMINISTRATION

Arizona Department of Transportation Research Center



The **planning and administration emphasis area** spans a broad range of topics.

The **planning discipline** looks to our transportation future – how we best meet travelers' needs as the population grows, our society evolves, and technology offers ever more options. Research delivers knowledge that enhances the ability of planners to implement improvements to practices that include travel demand forecasting, performance measurement, integration with land use planning and environmental analysis, complete streets, and sustainable practices. The planning discipline also encompasses research that contributes to improved practices in agency communication with the public and in public participation in transportation projects.

The ability to reach major decisions efficiently and effectively, implement improved practices, and meet goals is critical to the success of transportation agencies. To that end, research conducted under the **administration discipline** addresses the performance and management business operations, human resources, information technology, customer service, risk management, operational planning, and other organizational issues.

Representative Projects

SPR 583: Open Source Software. An evaluation of the efficiency and effectiveness of open-source software use within state agencies. *Published.*

SPR-660: Arizona Transportation History. A historical narrative of Arizona's highways that covers the pre-Columbian era to the present. *Publication pending.*

SPR 676: How New Media Can Bolster ADOT's Community Outreach. An exploration of the potential for an increased use of new communication technologies, including social networking, to establish two-way communication with the public. *Ongoing.*

SPR 716: Assessment of the Planning Assistance for Rural Areas (PARA) and Small Area Transportation Study (SATS) Program. An evaluation of the ADOT program that dedicates funds for transportation planning in non-metropolitan areas. *Ongoing.*

SPR 718: The Role of Arizona Tribes in Transportation Decision-making. A study of how Native American tribes participate in the selection and funding of transportation projects on tribal lands; includes identification of successful practices in other states, and opportunities for new practices in Arizona. *Ongoing.*

Project Manager

Dianne Kresich

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Dianne Kresich has served as the project manager for numerous ADOT long-range planning studies. She is a member of the Transportation Research Board (TRB) Committee on Public Involvement, formerly serving as chair of the research subcommittee, and the Committee in Planning for Small and Medium Sized Communities. In addition to her experience in planning and project management, she brings to the Research Center her skill in written and visual communication.

