



Research



Research Support

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Project Title:
Outreach & Technology Transfer: Communications for Accelerating Adoption of Innovation

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Technology Transfer: Communications to Accelerate Adoption of Innovation

Supports deployment and widespread adoption of the innovations and research results through communications, training, and technical assistance.

WHAT WAS THE NEED?

The California Department of Transportation (Caltrans) Division of Research, Innovation and System Information (DRISI) is producing valuable research results that can help build and maintain our infrastructure over a longer lifespan at a lower cost, manage our resources more efficiently, operate our transportation systems and work zones more safely, and reduce congestion and delays to the public. However, adopting a new technology or process is challenging, even when the research indicates that the new technology or process has obvious advantages over whatever technology or process it is intended to replace.

WHAT WAS OUR GOAL?

The goal is to support the sustained and multipronged effort of achieving successful technology transfer by moving from awareness to a decision to adopt, and ultimately to implementation.

WHAT DID WE DO?

Written communications, in both print and electronic formats, remain a mainstay of the technology transfer process. The University of California, Berkeley TechTransfer's publications are produced jointly by subject matter experts who identify timely, relevant topics and provide quality content and technical oversight, and communications and graphic design professionals who understand the audience and how to use the media effectively.



DRISI provides solutions and knowledge that improves California's transportation system



Training, workshops, and conferences are an effective way to disseminate the latest research results, incubate new ideas, and encourage collaboration among researchers and between government, industry, academia and other stakeholders.

Training, workshops, and other forums provide an opportunity to learn something new, to keep up with technological, regulatory, and legal developments, and to meet and network with experts, colleagues and stakeholders.

WHAT WAS THE OUTCOME?

The final proof of the DRISI Solutions Lab 2022 publication was delivered and was posted on DRISI's website. The preliminary investigation on Small and Disadvantaged Business Enterprise Unsuccessful Subcontracting Bid Processes, the preliminary investigation on Caltrans Renaming and Removal of Harmful Names and Monuments in the State Right of Way (ROW), and the preliminary investigation on Teleoperated, Connected, and Automated Vehicles and Equipment for Maintenance Operations were delivered to the preliminary investigation managers. The content for the Research Management and Investment Plan was finalized, and the Future of Aviation Conference was successfully held in the first week of August 2022.

WHAT IS THE BENEFIT?

The project provides these benefits:

- Communicates the progress of research.
- Provides interactive forums where potential adopters can learn about a transportation innovation, see it in action, and discuss it and its application with colleagues and experts.

LEARN MORE

DRISI Solutions Lab 2022 Publication:

https://dot.ca.gov/-/media/dot-media/programs/research-innovation-system-information/documents/drisi_solutions_lab_2022_july-a11y.pdf

Preliminary Investigation on Teleoperated, Connected, and Automated Vehicles and Equipment for Maintenance Operations:

<https://dot.ca.gov/-/media/dot-media/programs/research-innovation-system-information/documents/preliminary-investigations/pi-0297-a11y.pdf>