



Caltrans Division of Research,
Innovation and System Information

Presents

A Research Connection Event

To bring researchers and practitioners together to share research results and knowledge.

This research is sponsored by DRISI & championed by Caltrans Division of Aeronautics.



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Windows Media Player



Doug Galarus

You're Invited

THE POWER OF ONE AVIATION WEATHER INFORMATION WEB PORTAL: Providing weather information for aviation needs

October 21, 2015
9:00 - 10:30 a.m.
Medal of Honor Hall

Veterans Affairs
1227 O Street
Sacramento, CA 95814

Integrating Aviation Automated Weather Observation Systems (AWOS) with Roadside Weather Information Systems (RWIS)

DRISI invites you to discover the benefits of a web portal that combines reports from 2000 weather stations to provide weather information for better aviation related trip planning. Learn about the research, development, and deployment preparation of this user-friendly aviation weather information web portal.

Key research benefits:

- ◆ Enhanced pilot knowledge and safety through provision of additional relevant weather information closer to the airport of operation and along a flight path
- ◆ Integrated picture of current and forecast weather conditions which can improve surface transportation for winter maintenance operations
- ◆ Increased coverage by aggregating data from multiple sources
- ◆ Achieved economies of scale through shared costs, responsibilities, and information resulting from aviation and surface transportation partnerships

Presenter:

Doug Galarus is a research partner from Montana State University (MSU) with a M.Sc. in Computer Science, M.A.T. in Mathematics Education, and B.A. in Mathematics. He has 24 years of experience in systems engineering, information technology development, testing, implementation, and management. He has extensive experience as the project manager and lead for mobile data communications systems, database-driven web sites, web site design, desktop applications, kiosk development, PDA and Tablet PC-based development, and interactive CD-ROMs.

Webcast link: <http://ctmedia.dot.ca.gov>

E-mail to ask questions during event: research.connection.event@dot.ca.gov

Presentation materials posted after event: <http://www.dot.ca.gov/researchconn/>

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