

Safety Management

Transportation Research Record: Journal of the Transportation
Research Board Volume 2635 (2017)

ISBN: 978-1-5108-5438-3

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2017) by Transportation Research Board of the National Academies
All rights reserved.

ISBN (Print) 978-1-5108-5438-3
ISBN 2017 Printed Set (All Issues) 978-1-5108-5406-2

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact Transportation Research Board of the National Academies
at the address below.

Transportation Research Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth Street, NW
Washington, DC 20001

Phone: (202) 334-2934
Fax: (202) 334-2519

trbsales@nas.edu

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Developing a Web-Based Tool to Track Highway Safety Planning Progress in California	1
<i>Chen, Katherine L.; Oum, Sang Hyouk; Cooper, Jill F.</i>	
Probability of Secondary Crash Occurrence on Freeways with the Use of Private-Sector Speed Data	11
<i>Goodall, Noah J.</i>	
Roadway Safety Policy and Leadership: Case Study of Six Midwest States	19
<i>Munnich, Lee W., Jr.; Schmit, Matthew P.</i>	
Implementation of Active Traffic Management Strategies for Safety on Congested Expressway Weaving Segments	28
<i>Wang, Ling; Abdel-Aty, Mohamed; Lee, Jaeyoung</i>	
Multiobjective Evaluation in Countermeasure Selection at Two-Way Stop-Controlled Intersections: Considering Traffic Operation, Safety, and Environment	36
<i>Yang, Zhao; Zhang, Yuanyuan; Zhu, Renwei; Zhang, Yin</i>	
Application of an Intelligent Transportation System in a Travel Time Information System: Safety Assessment and Management	46
<i>Cafiso, Salvatore; D'Agostino, Carmelo; Kiec, Mariusz; Pogodzinska, Sylwia</i>	
Trend Analyses of Emergency Medical Services for Motor Vehicle Crashes: Michigan Case Study	55
<i>Kumar, Anil; Abudayyeh, Osama; Fredericks, Tycho; Kuk, Megan; Valente, Michelle; Butt, Kaylie</i>	
Improving the Self-Explaining Performance of Czech National Roads	62
<i>Ambros, Jirí; Valentová, Veronika; Gogolín, Ondrej; Andrášik, Richard; Kubecek, Jan; Bíl, Michal</i>	
Observations on the Use of Crash Modification Factor-Corrected Crash Prediction Models to Identify Sites with Promise	71
<i>Poppe, Mark J.</i>	
Understanding Traffic Safety Culture: Implications for Increasing Traffic Safety	79
<i>Islam, Md Tazul; Thue, Laura; Grekul, Jana</i>	
Geographic Information System-Based Spatial and Statistical Analysis of Severe Crash Hotspot Accessibility to Hospitals	90
<i>Ulak, Mehmet Baran; Kocatepe, Ayberk; Ozguven, Eren Erman; Horner, Mark W.; Spainhour, Lisa</i>	
Author Index	