

Transportation Safety Management 2018

Transportation Research Record: Journal of the Transportation
Research Board Volume 2672, Issue 32

ISBN: 978-1-5108-8182-2

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.

Published by Sage Publications USA

Copyright© (2018) by Transportation Research Board of the National Academies
All rights reserved.

ISBN (Print) 978-1-5108-8182-2
ISBN 2018 Printed Set (All Issues) 978-1-5108-7735-1

Printed by Curran Associates, Inc. (2019)

For permission requests, please contact sagepub.com/journals-permissions

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

Contents

Transportation Safety Management 2018

Articles

Serious Road Traffic Injuries in Europe, Lessons from the EU Research Project SafetyCube <i>Wendy Weijermars, Niels Bos, Annelies Schoeters, Jean-Christophe Meunier, Nina Nuyttens, Emmanuelle Dupont, Klaus Machata, Robert Bauer, Katherine Perez, Jean-Louis Martin, Heiko Johansson, Ashleigh Filtness, Laurie Brown, and Pete Thomas</i>	1
Emergency Medical Service Response: Analyzing Vehicle Dispatching Rules <i>Marco Amorim, Sara Ferreira, and António Couto</i>	10
Student Pedestrian Walking Speeds at Crosswalks Near Schools <i>Kevin Chang, Peter Foss, Meagan Larrea, and Edinson Bautista</i>	22
Development of a Crash Risk-Scoring Tool for Pedestrian and Bicycle Projects in Oregon <i>Yi Wang, Christopher M. Monsere, Chen Chen, and Haizhong Wang</i>	30
Getting to Zero Deaths on Ohio's Low-Volume Roads <i>Victoria F. Beale, Derek Troyer, Alejandro Chock, Cory Hopwood, and Mike McNeill</i>	40
Integrated Modeling Approach for Non-Motorized Mode Trips and Fatal Crashes in the Framework of Transportation Safety Planning <i>Jaeyoung Lee, Mohamed Abdel-Aty, Qing Cai, Ling Wang, and Helai Huang</i>	49
Analysis of Fatal Traffic Crash-Reporting and Reporting-Arrival Time Intervals of Emergency Medical Services <i>Jaeyoung Lee, Mohamed Abdel-Aty, Qing Cai, and Ling Wang</i>	61
Vehicle Consumer Complaint Reports Involving Severe Incidents: Mining Large Contingency Tables <i>Subasish Das, Abhisek Mudgal, Anandi Dutta, and Srinivas R. Geedipally</i>	72
Service Location Optimization Model for Improving Rural Emergency Medical Services <i>Zhaoxiang He, Xiao Qin, Yuanchang Xie, and Jianhua Guo</i>	83
Land Suitability Analysis for Emergency Medical Services Posts along State Highways: A Case Study of California <i>Ernest O. A. Tufuor, Laurence R. Rilett, Yunwoo Nam, and Antonio Hurtado Beltran</i>	94
Impacts of State-Specific Policy and Legislation on Safety Advancement by Departments of Transportation <i>Jennifer H. Ogle, Sababa Islam, Kweku Brown, William J. Davis, and Wayne A. Sarasua</i>	107