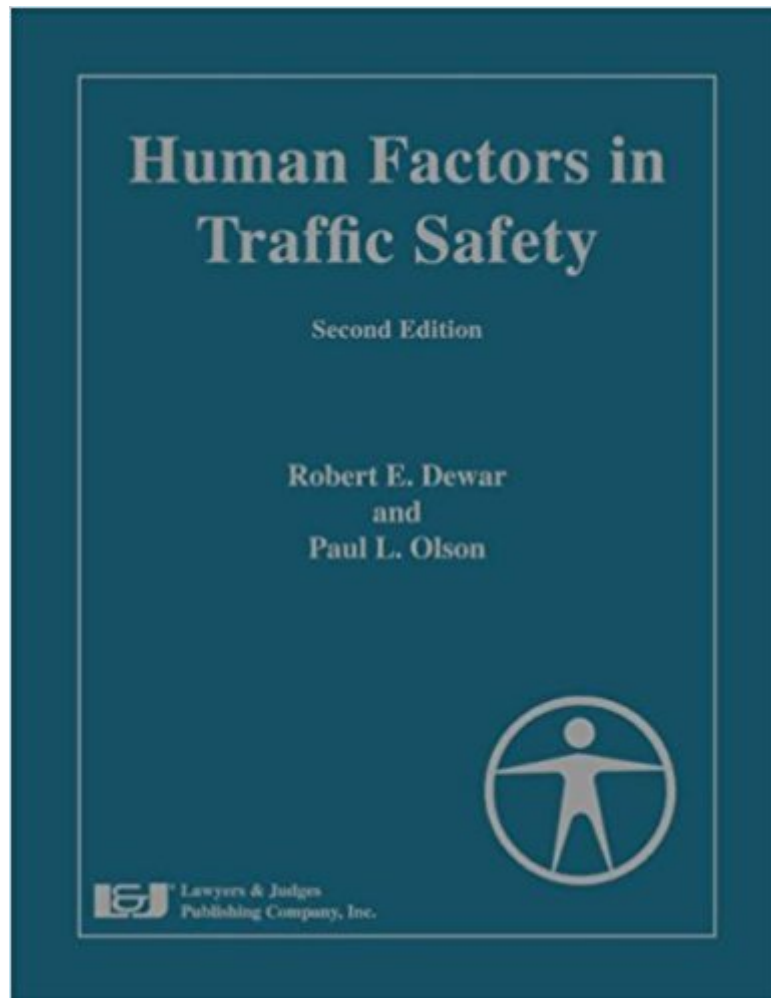




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Human Factors In Traffic Safety, Second Edition



Synopsis

This book introduces you to the behavior of the road user. Driver limitations and driver or pedestrian error are the major factors in traffic accidents, contributing to about 90% of roadway crashes. Driver behavior, however, is often the most complex and yet least understood element in the roadway system. A wide variety of perspectives on human factors and driver behavior are covered ranging from the design of roads, vehicles and traffic control devices to emotional and motivational determinants of driver behavior. Many traffic safety experts have contributed to this book in order to give you a comprehensive introduction to human factors as it pertains to driver and pedestrian behavior and traffic safety. This new edition has been extensively revised, and contains new chapters on driver education and driver distraction. If you are involved with accident investigation or the promotion of traffic safety in any capacity, this book is an essential part of your library.

Book Information

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Customer Reviews

Dr. Robert Dewar received his Ph.D. in psychology in 1965, and from then until 1991 he taught psychology at the University of Calgary when he retired and set up his own consulting firm specializing in driver behavior and traffic safety. He has presented several workshops on human factors in traffic safety for traffic engineers, police, driver educators and traffic safety researchers. He has written a chapter on "Road Users" for the fifth edition of the Traffic Engineering Handbook. He has been a member of the Council on Uniform Traffic Control Devices for Canada and the U.S. National Committee on Traffic Control Devices and a member of four committees of the Transportation Research Board. He is the recipient of the 1990 Human Factors

Society's A.R. Lauer Award for outstanding contributions to the understanding of human factors aspects of highway safety and driver education. Paul Olson, Ph.D. is the co-author of *Forensic Aspects of Driver Perception and Response*, published by L&J. He has enjoyed a long career in human factors since receiving his Ph.D. in industrial psychology from Purdue University in 1959. He is a fellow of both the Human Factors and Ergonomics Society and the American Psychological Association. He is also a recipient of the A.R. Lauer Traffic Safety Award from the Human Factors and Ergonomics Society and the Ralph H. Isbrandt Automotive Safety Engineering Award from the Society of Automotive Engineers.

This book is geared toward lawyers, accident recreation analysts, and those involved in post accident assessments. For those fields this is probably an invaluable resource. I have found the book very fascinating and unfortunately quite sobering, however I am not employed in any of those fields. I was hoping the book offered means of contending with the human factors. To be sure, the book offers some suggestions. However those suggestions are typically broad based and sourced from the research being referenced. Overall, it is still a very good book.

This is an excellent resource for any Accident Investigator. There is a lot of useful information pertaining to human behavior before, during, and after an accident

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