

ACCIDENT ANALYSIS & PREVENTION

Editor-in-chief

MOHAMED ABDEL-ATY

Dept. of Civil, Environmental & Construction Engineering,
University of Central Florida, Orlando, FL 32816
(E-mail: M.Aty@ucf.edu)

FOUNDING EDITOR: FRANK A. HAIGHT^z
1919-2006

ASSOCIATE EDITORS

M. BAMBACH

The University of Sydney, Sydney, New South Wales, Australia

L.N. BOYLE

University of Washington, USA
(E-mail: linda@uw.edu)

J. BROUGHTON

Transport Research Laboratory Crowthorne House,
Nine Mile Ride, Wokingham, Berkshire RG40 3GA, UK
(E-mail: jbroughton@trl.co.uk)

T.K. COURTNEY

Liberty Mutual Research Institute for Safety, Hopkinton, MA, USA
(E-mail: Theodore.courtney@libertymutual.com)

E. DAHLEN

University of Southern Mississippi, Hattiesburg, Mississippi, USA
(E-mail: Eric.Dahlen@usm.edu)

P. GÄRDER

Civil & Environmental Engineering, 302 Boardman Hall,
University of Maine, Orono, ME 04469-5711, USA
(E-mail: Garder@Maine.edu)

P. HEWSON

Plymouth University, Plymouth, UK
(E-mail: paul.hewson@plymouth.ac.uk)

H. HUANG

School of Traffic & Transportation Engineering,
Rm 219, Central South University (Railway Campus),
68 Shao-Shan-Nam Road, Changsha, Hunan 410075, China
(E-mail: huanghelai@csu.edu.cn)

Y-H. HUANG

Liberty Mutual Research Institute for Safety, Massachusetts, USA
(E-mail: Yueng-hsiang.Huang@LibertyMutual.com)

J. IVAN

University of Connecticut, Department of Civil
& Environmental Engineering, 261 Glenbrook Rd,
Unit 2027, Storrs, CT 06269-3037, USA
(E-mail: john.ivan@uconn.edu)

M.J. KING

Queensland University of Technology, Brisbane, Queensland, Australia
(E-mail: mark.king@qut.edu.au)

C. LEE

University of Windsor, Windsor, Ontario, Canada
(E-mail: cclee@uwindsor.ca)

G. MCGWIN

University of Alabama at Birmingham, Department of
Ophthalmology, School of Medicine, Birmingham, AL, USA
(E-mail: gerald.mcgwin@ccc.uab.edu)

B. SCOTT-PARKER

Thompson Institute, University of the Sunshine Coast,
12 Innovation Parkway, Birtinya, Queensland 4575, Australia
(E-mail: bscottpa@usc.edu.au)

D. SHINAR

Ben Gurion University of the Negev, Be'er-Sheva, Israel

N.N. SZE

Department of Civil and Environmental Engineering,
The Hong Kong Polytechnic University, Hong Kong
(E-mail: tony.sze@canterbury.ac.nz)

T. ROSENBLOOM

Bar-Ilan University, Ramat Gan, Israel
(E-mail: rosenbt1@mail.biu.ac.il)

EDITORIAL ADVISORY BOARD

J. AGUERO-VALVERDE, Mercedes, Costa Rica

F.J. ALVAREZ, Valladolid, Spain

P.Ch. ANASTASOPOULOS, The State University of New York,
Buffalo, NY

C.(C.) ANTONIU, Technical University of Munich,
München, Germany

M. BAMBACH, Sydney, New South Wales, Australia

T. BRIJS, Diepenbeek, Belgium

C. CALIENDO, Fisciano, Italy

B. CHARBOTEL, Lyon Cedex, France

F.J.C. CUNTO, Universidade Federal do Ceará,
Fortaleza, Brazil

G. DAVIS, Minneapolis, MN, USA

E. DONNELL, Pennsylvania, PA, USA

C.A. FLANNAGAN, University of Michigan

Transportation Research Institute, Ann Arbor, USA

R. GRZEBIETA, Sydney, New South Wales, Australia

J. GURIA, Wellington, New Zealand

M. M. HAQUE, Brisbane, Australia

M. HAQUE, Queensland University of
Technology, Australia

M. HAMED, Irbid, Jordan

J. HEDLUND, Ithaca, NY, USA

B. KATZ, Blacksburg, Virginia, USA

M.D. KEALL, Wellington, New Zealand

S. KIM, Kansas City, MO, USA

L. KOSTYNIUK, Ann Arbor, MI, USA

R. KULMALA, VTT, Finland

J. LEE, Storrs, CO, USA

G. LI, New York, NY, USA

D. LORD, College Station, TX, USA

G. LURIA, Mount Carmel, Israel

M. MAHER, Leeds, England, UK

F. MANNERING, West Lafayette, IN, USA

R. MCCLURE, Victoria, VIC, Australia

T. MILLER, Calverton, MD, USA

A. MONTELLA, Naples, Italy

L. MUSSONE, Milano, Italy

D. NEVENS, Clemson, SC, USA

R.B. NOLAND, New Brunswick, NJ, USA

D. NOYCE, Madison, WI, USA

C. OH, Ansan, South Korea

T. ORON-GILAD, Ben-Gurion University,
Beersheba, Israel

A. PANDE, San Luis Obispo, CA, USA

P. PARK, Toronto, ON, Canada

R. PENDYALA, Tempe, AZ, USA

X. QIN, WI, USA

M.A. QUDDUS, Loughborough University, UK

I. SAVAGE, Evanston, IL, USA

P. SAVOLAINEN, Detroit, MI, USA

T. SAYED, University of British Columbia,
Vancouver, Canada

D.C. SCHWEBEL, University of Alabama at
Birmingham, USA

R. SCOPATZ, CO, USA

V. SHANKAR, Texas Tech University, Lubbock,
Texas, USA

D. SHINAR, Be'er-Sheva, Israel

A. SMILEY, Toronto, ON, Canada

M. STEVENSON, The University of Melbourne,
Victoria 3010 Australia

H. SUMMALA, Helsinki, Finland

D. SWEDLER, Chicago, IL, USA

A.P. TARKO, West Lafayette, IN, USA

R. TAY, Melbourne, VIC, Australia

G. ULFARSSON, Reykjavik, Iceland

W. VANLAAR, Ottawa, ON, Canada

E. VINGILIS, London, ON, Canada

X. WANG, Shanghai, China

S. WASHINGTON, Brisbane, QLD, Australia

S.C. WONG, Hong Kong, China

Y. XIE, Lowell, MA, USA

G. YANNIS, Athens, Greece