NEW PUBLICATIONS
Additions to the CASR library during March-April 2009

ACCIDENT INVESTIGATION
1. Fell asleep and caused a fatal head-on crash? A case study of multidisciplinary in-depth analysis vs the court.
Radun I; Ohisalo J; Radun J; Summalia H; Tolvanen M

Vangi D
Accident Analysis and Prevention 2009; 41(3): 633-641

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3. An evaluation of police reporting of road casualties.
Jeffrey S; Stone DH; Blamey A; Clark D; Cooper C; Dickson K; Mackenzie M; Major K

4. Fear, threat and efficacy in threat appeals: message involvement as a key mediator to message acceptance.
Cauberghe V; de Pelsmacker P; Janssens W; Dens N
Accident Analysis and Prevention 2009; 41(2): 276-285

AGED DRIVER
5. Comparison of self-reported crashes, state crash records and an on-road driving assessment in a population based sample of drivers aged 69-95 years.
Anstey KJ; Wood J; Caldwell H; Kerr G; Lord SR

6. Older driver model assessment program: Stage 4 - validation of screening tests to assess at-risk older drivers.
Langford J; Charlton J; Bohesnky M; Irving J; Martin L; Filides B
Sydney: Austroads, 2009
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BRAIN INJURY
12. Association of contact loading in diffusal axonal injuries from motor vehicle crashes.
Yoganandan N; Gennarelli TA; Zhang J; Pintar FA; Takhounts E; Ridella SA

CHILD
Kallan MJ; Arbogast KB; Elliot MR; Durbin DR

CHILD RESTRAINT
14. The need for enhanced protocols for assessing the dynamic performance of booster seats in frontal impacts.
Brown J; Kelly P; Suratno B; Paine M; Griffiths M

15. Influence of restraints on body-casted child ATDs in front and side sled tests.
Oliver G; Zielinski J; Walter NE; Fornari J; Atkinson PJ

9. Older drivers’ involvement in fatal RTCs. Do crashes fatal to them differ from crashes involving them but fatal to others?
Skyving M; Berg H-Y; Laflamme L

AGED PERSON
10. Trends in older people’s travel patterns - Analysing changes in older New Zealanders’ travel patterns using the Ongoing New Zealand Household Travel Survey.
O’Fallon C; Sullivan C
Wellington: NZ Transport Agency, 2009
Report no. RR 369 50p.
View report

BEFORE AND AFTER STUDY
11. Validation of a Full Bayes methodology for observational before–after road safety studies and application to evaluation of rural signal conversions.
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Accident Analysis and Prevention 2009; 41(3): 574-580

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Kallan MJ; Arbogast KB; Elliot MR; Durbin DR

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Oliver G; Zielinski J; Walter NE; Fornari J; Atkinson PJ
16. Evaluation of the static belt fit provided by belt-positioning booster seats.
Reed M; Ebert SM; Sherwood CP; Klinich KD; Manary MA
Accident Analysis and Prevention 2009; 41(3): 598-607

COST BENEFIT ANALYSIS

17. Valuing the health benefits of active transport modes.
Genter JA; Donovan S; Petreras B
Report no. RR 352  72p.
View report

CYCLIST


DATA COLLECTION

19. Validity of police-reported information on injury severity for those hospitalized from motor vehicle traffic crashes.
McDonald G; Davie G; Langley J
Traffic Injury Prevention 2009; 19(2): 184-190

20. Linking emergency medical department and road traffic police casualty data - a tool in assessing the burden of injuries in less resourced countries.
Petridou ET
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DRINK DRIVING

21. The relationship between impaired driving crashes and beliefs about impaired driving - do residents in high crash rate counties have greater concerns about impaired driving?.
Beck KH; Yan AF; Wang MQ; Kerns TJ; Burch CA

22. Refusal of intoxication testing - A report to congress.
Berning A; Compton R; Vegega M; Beimess H; Hedlund J; Jones R; Nichols J

23. Repeat DUI offenders who have had a drug diagnosis - are they more prone to traffic crashes and violations?.
C'de Baca J; McMillan GP; Lapham SC

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25. Validity of surrogate measures of alcohol involvement when applied to nonfatal crashes
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Healy D; Cockfield S; Mallick J; Banfield K
High risk road users - motivating behaviour change: what works and what doesn’t work?, Brisbane, Queensland, 18-19 September 2008

Watson B; Niešan A
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DRIVER BEHAVIOUR

29. Benevolence and the value of road safety.
Andersson H; Lindberg G
Accident Analysis and Prevention 2009; 41(2): 286-293

30. Self-reported driving behaviours as a function of trait anxiety.
Shahar A
Accident Analysis and Prevention 2009; 41(2): 241-245

31. An Evaluation of Attitudinal Driving Workshops.
Champness P
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32. Can we rely on deterrence theory to motivate safe road user behaviour?.
Elliott B
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DRIVER DISTRACTION

33. Driver distraction - theory, effects, and mitigation.
Regan MA; Lee JD; Young KL : Taylor & Francis, 2009
654p.
Contents:
I. On the philosophical foundations of the distracted driver and driver distraction / Hancock PA et al
II. Defining driver distraction / Lee JD et al
III. What drives distraction? Distraction as a breakdown of multilevel control / Lee JD et al
IV. Models of attention, distraction, and highway hazard avoidance / Wickens CD
V. Measuring exposure to driver distraction / McEvoy SP et al
VI. Measuring the effects of driver distraction: direct driving performance methods and measures / Young KL
VII. Surrogate distraction measurement techniques: the lane change test / Mattes S et al
VIII. Now you see it now you don’t: visual occlusion as a surrogate distraction measurement technique / Foley JP
IX. Distraction assessment methods based on visual behaviour and event detection / Victor TW et al
X. Cellular phones and driver distraction / Drews FA et al
XI. Sources of distraction inside the vehicle and their effects on driving performance / Bayly M et al
XII. Distractions outside the vehicle / Horberry T et al
XIII. Distraction and public transport: case study of bus driver distraction / Salmon PM et al
XIV. Sources of driver distraction / Regan MA et al
XV. Crash studies of driver distraction / Gordon CP
XVI. Epidemiological research on driver distraction / McEvoy SP et al
XVII. Driver distraction exposure research: a summary of findings / Young KL et al
XVIII. Factors moderating the impact of distraction on driving performance and safety / Young KL et al
XIX. Distraction and the older driver / Koppel S et al
XX. The relationship between driver fatigue and driver distraction / Williamson A
XXI. European approaches to principles, codes, guidelines, and checklists for in-vehicle HMI / Stevens A
XXII. North American approaches to principles, codes, guidelines, and checklists for in-vehicle HMI / Burns PC
XXIII. Japanese approaches to principles, codes, guidelines, and checklists for in-vehicle HMI / Akamatsu M
XXIV. Driver interface safety and usability standards: an overview / Green P
XXV. Real-time distraction countermeasures / Engstrom J et al
XXVI. Driving task demand-based distraction mitigation / Zhang H et al
XXVII. Adapting collision warnings to real-time estimates of driver distraction / Smith MRH et al
XXVIII. Designing feedback to mitigate distraction / Donmez B et al
XXIX. Driver distraction injury prevention countermeasures - part 1: data collection, legislation and enforcement, vehicle fleet management, and driver licensing / Regan MA et al
XXX. Driver distraction injury prevention countermeasures - part 2: education and training / Regan MA et al
XXXI. Driver distraction injury prevention countermeasures - part 3: vehicle, technology and road design / Regan MA et al
XXXII. Government and industry perspectives on driver distraction / Tingvall C et al

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34. The relevancy of 'mates don’t let mates…’ as a key strategy for a school curriculum based road safety program.
Buckley L; Sheehan M

35. Keeping it real: an education program where the presenters are the power.
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DRIVER FATIGUE

36. Sleepiness and hazard perception while driving.
Smith S; Horswill M; Chambers B; Wetton M
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DRIVER LICENSING

37. The structure of the learner licence affects the type of experience novices gain during this phases: examples from Queensland and New South Wales.
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38. Immediate licence suspension to deter high-risk behaviours.
Soole D; Haworth N; Watson B
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DRUG DRIVING

39. The Victorian Legislation Framework for the random testing of drivers at the roadside for the presence of illicit drugs - an evaluation of the characteristics of drivers detected from 2004 to 2006.
Boorman M; Owens K

40. Prevalence of psychoactive drug use among drivers in Thailand: A roadside survey
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41. Driving under the influence of cannabis : links with dangerous driving, psychological predictors and accident involvement.
Richer I; Bergeron J
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42. Screening for drugs in oral fluid: Illicit drug use and drug driving in a sample of metropolitan versus regional Queensland motorists.
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44. Quasi-induced exposure method: evaluation of not-at-fault assumption.
   Chandraratna S; Stamatiadis N
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   Keall M; Newstead S

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FATALITY RATE

47. Distribution of road traffic deaths by road user group - a global comparison.
   Naci H; Chisholm D; Baker TD

HEAD INJURY

48. Evaluation of the biofidelity of FMVSS No. 218 injury criteria.
   Rigby P; Chan P

HEAVY VEHICLE

49. Heavy vehicle driver fatalities: Learning’s from fatal road crash investigations in Victoria.
   Brodie L; Lyndal B; Elias I
   Accident Analysis and Prevention 2009; 41(3): 557-564

50. The impact of mental health symptoms on heavy goods vehicle drivers’ performance.
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51. Factors contributing to hit-and-run in fatal crashes.
   Tay R; Barua U; Kattan L
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52. Understanding the extent and impact of Indigenous road trauma.
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53. Expected differences and unexpected commonalities in mortality, injury severity, and injury patterns between near versus far side impact crashes.
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54. Factors affecting the severity of work related traffic crashes in drivers receiving a worker’s compensation claim.
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   Firestone RT; Mihaere K; Gander PH
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59. Merging into heavy motorway traffic by young and elderly drivers.
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MOBILE PHONE

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61. The effects of perception of risk and importance of answering and initiating a cellular phone call while driving.
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62. Impact of helmets on injuries to riders of all-terrain vehicles.
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63. Modeling fault among motorcyclists involved in crashes.
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64. Factors associated with the relationship between motorcycle deaths and economic growth.
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65. Motorcycle and scooter safety summit: the road ahead.
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67. Modeling motorcycle helmet use in Iowa: Evidence from six roadside observational surveys.
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NECK INJURY

68. Neck forces and moments and head accelerations in side impact.
Yoganandan N; Pintar FA; Maiman DJ; Philippens M; Wismans J

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69. Preventing passenger vehicle occupant injuries by vehicle design - a historical perspective from IIHS.
O’Neill B

70. Real life fatal outcome in car-to-car near-side impacts - implications for improved protection considering age and crash severity.
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PAVEMENT MARKING

71. The effectiveness of audio-tactile lane-marking in reducing various types of crash: A review of evidence, template for evaluation, and preliminary findings from Australia
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83. Crash patterns and potential engineering countermeasures at Maryland roundabouts.
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84. Incidence and characteristics of school bus crashes and injuries.
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85. Modeling drivers’ speed selection as a trade-off behavior.
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