

# SWOV-reports, publications, contributions and articles 1985-1993

*An overview of SWOV-research published in foreign languages*

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### Reports and consults

- + Splash and spray by lorries. J.P.M. Tromp. R-85-5. 24 pp. (IRRD No. 283004)
- + Effects of road safety measures in urban areas in the Netherlands. Contribution to: Biecheler, M.B.; Lacombe, C. & Mühlrad, N. (ed.). "Evaluation 85", International meeting on the Evaluation of local traffic safety measures, Paris, 20-23 May 1985, Tome 1, pp. 168-183. ONSER, Paris, 1985. S.T.M.C. Janssen. R-85-11. 26 pp. (IRRD No. 284681)
- + Contribution to evaluation of intermediate variables; Background paper. Contribution to: Biecheler, M.B.; Lacombe, C. & Mühlrad, N. (ed.). "Evaluation 85", International meeting on the Evaluation of local traffic safety measures, Paris, 20-23 May 1985, Tome 2, pp. 317-323. ONSER, Paris, 1985. S. Oppe. R-85-12. 12 pp. (IRRD No. 284682)
- + Subjective evaluation and public participation. Contribution to: Biecheler, M.B.; Lacombe, C. & Mühlrad, N. (ed.). "Evaluation 85", International meeting on the Evaluation of local traffic safety measures, Paris, 20-23 May 1985, Tome 2, pp. 423-427. ONSER, Paris, 1985. J.H. Kraay & S. Oppe. R-85-13. 12 pp. (IRRD No. 284683)
- + The application of electronics in traffic risk control. Contribution to CEC/ECMT/COST International seminar Electronics and traffic on major roads; Technical, reglementary and ergonomic aspects, Paris, 4-6 June 1985, Session 3: Assessment, Preprints, pp. 133-145. P.I.J. Wouters. R-85-17. 25 pp. (IRRD No. 284684)
- + Advisory speed limits: Should they be expanded or not? Contribution XVth International Study Week Traffic Engineering and Safety: Traffic engineering & the driver, Theme 2: Speed limits and the driver, Venice, 23-28 September 1985. F.C.M. Wegman. R-85-26. 13 pp. (IRRD No. 287677)
- + Flächenhafte Verkehrsberuhigung in Holland: Planungskonzept und Ergebnisse der Vorher-Nachher-Untersuchungen in Eindhoven und Rijswijk. Beitrag 3. Kolloquium Forschungsvorhaben "Flächenhafte Verkehrsberuhigung", Dienstag den 1. Oktober 1985, Reichstagsgebäude, Berlin. J.H. Kraay. R-85-29. 32 S. (IRRD No. 287679)
- + An international study on the calibration of traffic conflict techniques. Lecture presented at the Technical University, Espoo, Finland, May 14th 1985. J.H. Kraay. R-85-38. 34 pp. (IRRD No. 288530)
- + Traffic safety in reconstructed streets. Lecture presented at the Technical University, Espoo, Finland, May 14th 1985. J.H. Kraay. R-85-39. 42 pp. (IRRD No. 288531)
- + Reclassification and reconstruction of urban areas in Eindhoven and Rijswijk. Lecture presented at Helsinki University, Helsinki, Finland, May 16th 1985. J.H. Kraay. R-85-40. 52 pp. (IRRD No. 288532)
- + Investigation into the effect of the 30 km/hr countermeasure; Organisation and approach. Lecture presented at Helsinki University, Helsinki, Finland, May 16th 1985. J.H. Kraay. R-85-41. 41 pp. (IRRD No. 288533)
- + The Trautenfels study; A diagnosis of road safety using the Dutch conflict observation

- technique DOCTOR. J.H. Kraay (SWOV) & A.R.A. van der Horst (IZF-TNO). R-85-53. 33 pp. (IRRD No. 290166)
- + Remedies for defect accidents. Contribution to XXI FISITA Congress. Belgrade, Yugoslavia, 2-6 June 1986. J.P.M. Tromp. R-86-15. 16 pp. (IRRD No. 801406)
  - + Roundabouts; Some remarks on the safety and the capacity of roundabouts and roundabout priority systems. Contribution to discussions in CCMT/CCSR and CSR meetings on 9-11 September 1986. J. van Minnen. R-86-18. 16 pp. (IRRD No. 800036)
  - + Linking road accident data to other files; An integrated Road Accident Recordkeeping System. Contribution to: Road Safety, Proceedings of Seminar P held at the 14th PTRC Summer Annual Meeting, University of Sussex, England, from 14-17 July 1986. Volume P 284, pp. 55-86. PTRC Education and Research Services Ltd., London, 1986. S. Harris M.A. R-86-20. 34 pp. (IRRD No. 801405)
  - + Liaison des données sur les accidents de la route avec d'autres fichiers: Un Système Intégré d'Enregistrement des Accidents de la Route. Etude présentée à la session d'été annuelle du PTRC, Université du Sussex, Grande-Bretagne, 14-18 Juillet 1986. S. Harris. R-86-21. 38 pp. (IRRD No. 801405)
  - + Woonerfs and other experiments in The Netherlands. J.H. Kraay. R-86-23. 13 pp. Article Built Environment 12 (1986) 1/2 : 20-29. (IRRD No. 800983)
  - + Safety barriers for motorways; Shoulder and bridge safety barriers and impact attenuators surveyed and assessed. SWOV (C.C. Schoon, T. Heijer, W.H.M. van de Pol & D.J.R. Jordaan). R-86-24. 122 pp. (IRRD No. 805481)
  - + Developments in road safety research. Closing lecture at the International Seminar 'Recent developments in road safety research', The Hague, 20 November 1986. Prof. E. Asmussen. R-86-28. 13 pp. (IRRD No. 805482)
  - + The function of road markings in relation to driver's visual needs. Dr. D.A. Schreuder. R-86-29. 103 pp. (IRRD No. 805483)
  - + Light trespass; Causes, remedies and actions. Paper presented at the CIE/MBE symposium 'Lighting and Signalling for Transport', Budapest, 22-23 September 1986. Dr. D.A. Schreuder. R-86-31. 28 pp. (IRRD No. 813110)
  - + Proceedings of the International Workshop Recent Developments in Road Safety Research, The Hague, The Netherlands, 19 November 1986. J.H. Kraay & G.C. Ederveen (eds). (Contributions of: F.C.M. Wegman, S. Oppe, J.H. Kraay, S.T.M.C. Janssen, P. Wesemann, A.G. Welleman, P.H. Polak, C.M. Gundy, T. Heijer, D.A. Schreuder, R. Roszbach a.o.). R-87-3. SWOV, Leidschendam, 1987. 250 pp. (IRRD No. 809367)
  - + Die Niederländische Konfliktbeobachtungstechnik "DOCTOR". Beitrag 18. Budapest Internationale Wissenschaftliche Beratung für Verkehrsplanung und Verkehrstechnik "Theorie und Praxis des Stadtverkehrssicherheit", Budapest, 7.-9. April 1987. J.H. Kraay. R-87-13. SWOV, Leidschendam, 1987. 8 pp. (IRRD No. 811581)
  - + Safety in residential areas; The European viewpoint. Presented to the Conference on Road Accidents in Childhood, organised by the Parliamentary Advisory Council for Transport Safety (PACTS), London, Tuesday 3rd November 1987. Joop H. Kraay. R-87-20. SWOV, Leidschendam, 1987. 16 pp. (IRRD No. 811588)

- + Ridendo dicere verum (Telling the truth with a smile). Presented at the International Seminar on Road Safety "Europäisches Jahr der Straßenverkehrssicherheit 1986 - Erkenntnisse?" held at the Polizei-Führungsakademie, Münster, Federal Republic of Germany, 6-8 October 1987. M.J. Koornstra. R-87-35. 20 pp. (IRRD No. 816538)
- + Daytime running lights: The attention lights; A literature survey of daytime running lights for motor vehicles and their effect on road safety in the Netherlands. Dr. P.H. Polak. R-87-36. 34 pp. (IRRD No. 838941)
- + On the way to integrated road safety programmes. Paper presented to the 3rd PRI World Road Safety Congress, June 11-14, 1988, Montreal, Canada. F. Wegman & S. Oppe. R-88-11. 18 pp. (IRRD No. 818162)
- + The predetermination of the luminance in tunnel entrances at day. Dr. D.A. Schreuder (SWOV) & H.J.C. Oud (Locks and Weirs Division, Rijkswaterstaat). R-88-13. 62 pp. (IRRD No. 818164)
- + The lighting of traffic tunnels; A paper presented at a meeting of the Shanghai Association for Science and Technology SAST, October 9 and October 12, 1987. Dr. D.A. Schreuder. R-88-18. 14 pp. (IRRD No. 818169)
- + Safety effects of bicycle facilities; The Dutch experience. Contribution to the International Road and Traffic Conference ROADS AND TRAFFIC 2000, 16th International Study Week for Traffic Engineering and Safety, Berlin, 6-9 September 1988, Theme 4E: Safety aspects of cycle paths. F. Wegman & A. Dijkstra. R-88-21. 12 pp. (IRRD No. 819026)
- + Development of road safety in some European countries and the USA; A theoretical and quantitative mathematical analysis. Paper presented to the Conference "Road Safety in Europe", Gothenburg, Sweden, 12-14 October 1988. M.J. Koornstra. R-88-33. 55 pp. (IRRD No. 820579)
- + Red-light violations at level crossings; Results of roadside interviews. Contribution to VTI/INRETS Conference "Road Safety in Europe", Gothenburg, Sweden, 12-14 October 1988. R.D. Wittink. R-88-34. 7 pp. (IRRD No. 820580)
- + Visual performance and road safety. Dr. D.A. Schreuder. R-88-46. 13 pp. (IRRD No. 826481)
- + Daytime running lights; Consultative document commissioned by the Road Safety Directorate. Dr. D.A. Schreuder. R-88-54. 56 pp. (IRRD No. 829509)
- + Road safety and daytime running lights; A concise overview of the evidence. Paper presented to the Joint Meeting of the ECMT's Road Safety Committee and Committee for Road Traffic, Signs and Signals, The Hague, The Netherlands, 15 March, 1989. M.J. Koornstra. R-89-4. 14 pp. (IRRD No. 821396)
- + Safety aspects of urban infrastructure; From traffic humps to integrated urban planning. Paper presented to the International Conference on Traffic and Environmental Management in Cities, Prague, Czechoslovakia, 23-24 May 1989. J.H. Kraay & A. Dijkstra. R-89-14. 15 pp. (IRRD No. 824421)
- + Use of the helmet retention systems in the Netherlands. J.J.W. Huijbers. R-89-18. 8 pp. (IRRD No. 826486)
- + Daytime running lights (DRL); A masterplan for evaluation research (Shortened version). J.E. Lindeijer. R-89-24. 21 pp. (IRRD No. 826492)
- + Daytime running lights (DRL); A masterplan for an evaluation study in the Netherlands. J.E. Lindeijer. R-89-49. 48 pp. (IRRD No. 833004)

- + The relationship between the level of street lighting and the traffic safety; A preliminary study. Dr. D.A. Schreuder. R-89-55. 44 pp. (IRRD No. 833010)
- + Utilization of security helmets for two-wheeled vehicle riders. J.J.W. Huijbers. R-90-6. 107 pp. (IRRD No. 833014)
- + Possibilities of a DRL-experiment in the Netherlands; Northern lights campaign; Account of an analysis to enable statements concerning the duration and scope of an experiment on daytime running lights (DRL) in the northern provinces of the Netherlands. J.E. Lindeijer & F.D. Bijleveld. R-90-37. 58 pp. (IRRD No. 839965)
- + Design of a study into the effects of DRL on accident rates; Methods of analyses and evaluation techniques. J.E. Lindeijer; F.D. Bijleveld; S. Oppe & P.H. Polak. R-90-39. 46 pp. (IRRD No. 839967)
- + Visual perception and daytime running lights (DRL); A literature study. M.P. Hagenzieker. R-90-43. 69 pp. (IRRD No. 840041)
- + Accident typology. C.M. Gundy. R-90-48. 164 pp. (IRRD No. 840042)
- + After seven years RIMOB in practice; An evaluation of the Dutch impact attenuator RIMOB. C.C. Schoon. R-90-49. 39 pp. (IRRD No.840043)
- + Auswertung des Anpralldämpfers "RIMOB". C.C. Schoon. R-90-50. 42 S. (IRRD No. 840044)
- + Motor-vehicle lighting during daytime; A report of the International Steering Committee on the justification of new experiments in Europe; Review and evaluation of existing evidence on the effectiveness of motor-vehicle lighting during daytime. R-91-7. 33 pp. (IRRD No. 844596)
- + Evaluation of three years "Familie Oudenrijn" and the associated information policy. R.D. Wittink & M.P. Hagenzieker. R-91-11. 14 pp. (IRRD No. 844595)
- + Effectiveness and cost of car front end design for pedestrian injury prevention and the problem of conflicting requirements; A literature review. L.T.B. van Kampen. R-91-16. 35 pp. (IRRD No. 847472)
- + The use of seat belts and contributing factors; An international comparison. T. Mäkinen (VTI); R.D. Wittink & M.P. Hagenzieker. R-91-30. 57 pp. (IRRD No. 847473)
- + The use of daytime running lights (DRL) in the Netherlands; Methods of analysis to link user data to accidents and a description of the use of DRL in the Netherlands from November 1, 1989 to October 31, 1990. J.E. Lindeijer & F.D. Bijleveld. R-91-37. 92 pp. (IRRD No. 847412)
- + Benelux test with daytime running lights (DRL); Master plan for an evaluation study into the effect of DRL on road safety in the Benelux countries. J.E. Lindeijer. R-91-38. 90 pp. (IRRD No. 847474)
- + Is my country safer than others? A comparison of road safety data between different countries. Paper presented to the PIARC XIth World Road Congress, Marrakesh, Marocco, 22-28 September 1991. S. Harris & F.C.M. Wegman. R-91-57. 16 pp. (IRRD No. 847415)
- + Statistical assessment and targets. Contribution to PIARC XIXth World Road Congress, Ad hoc Group IV: Road Safety, Marrakesh, Marocco, 22-28 September 1991. F.C.M. Wegman. R-91-58. 16 pp. (IRRD No. 847416)
- + Visibility aspects of the driving task: Foresight in driving; A theoretical note. Dr. D.A. Schreuder. R-91-71. 32 pp.

- + Motorway lighting under fog conditions. Based on a paper presented at Japan Highway Corporation, Tokyo, 12 July 1990. Dr. D.A. Schreuder. R-91-72. 58 pp.
- + Fog lamp regulation as a measure to reduce risk in fog conditions. S. Oppe. R-91-87. 8 pp.
- + The evolution of mobility and road safety; Paper 3rd INSIRT Round Table 'The Future of Mobility', Toulouse, France, 1991 and 6th World Conference on Transport Research, Lyon, France, 1992. M.J. Koomstra. R-92-36. 52 pp. (IRRD No. 859314)
- + New pedestrian facilities; Technique, observations and opinions; The Dutch experiment. Drive project V1061: Pussycats. Dr. P.B.M. Levelt. R-92-55. 114 pp. (IRRD No. 859330)
- + Improvement of pedestrian safety and comfort at traffic lights; Results from French, British and Dutch field tests. Drive project V1061: Pussycats. Dr. P.B.M. Levelt. R-92-56. 116 pp. (IRRD No. 859331)
- + Automatic enforcement of speed and red light violations; Applications, experiences and developments. Dr. T. Mäkinen (VTT Technical Research Centre of Finland) & Oei Hway-liem (SWOV). R-92-58. 26 pp. (IRRD No. 859312)

### Publications

- + Towards safer residential areas. J.H. Kraay, M.P.M. Mathijssen & F.C.M. Wegman. 1985. 56 pp.
- + Research Activities 1984 SWOV Institute for Road Safety Research. 1995. 31 pp.
- + Reclassification and reconstruction of urban roads in the Netherlands; Effects on safety, the environment and commerce. SWOV Institute for Road Safety Research/Road Safety Directorate (DVV), Leidschendam/The Hague, 1985. 36 pp.
- + Institute for Road Safety Research. Its objects, methods and its organisation. 1988. 6 pp.
- + Research activities 1985/1986. SWOV Institute for Road Safety Research, The Netherlands. 39 pp.
- + Traffic safety theory & research methods: Proceedings International Symposium, April 26-28, 1988, Amsterdam.
  - Session 1. Context and scope of traffic safety theory. 164 pp. (IRRD No. 813194)
  - Session 2. Models for evaluation. 84 pp. (IRRD No. 813205)
  - Session 3. Theoretical analysis and models. 94 pp. (IRRD No. 813211)
  - Session 4. Statistical analysis and models. 152 pp. (IRRD No. 813219)
  - Session 5. Time dependent models. 208 pp. (IRRD No. 813228)
  - Contributions of the invited speakers. 58 pp. (IRRD No. 813239)
- + Framework for consistent traffic and accident statistical data bases (Cadre pour des bases de données statistiques cohérentes sur la circulation et les accidents). OECD Scientific Expert Group T8 (OCDE Groupe d'Experts Scientifiques T8) (Chairman: S. Harris M.A. (SWOV)). 1988. 73 pp. (IRRD No. 811327)
- + Vedyac crash simulations. Brochure. 1989. 8 pp.
- + A century of automobiles: Past present and future of automotive safety: Scientific meeting of the research institutes BAST (FRG) and SWOV (The Netherlands), The Hague, October 7th, 1988. 109 pp.

- + Research activities 1987-1989 SWOV Institute for Road Safety Research, 1990. 61 pp.
- + Enforcement and rewarding; Strategies and effects. Proceedings of the International Road Safety Symposium; Copenhagen, September 19-21; 1990. M.J. Koornstra & J. Christensen (eds.). 1991. 168 pp.
- + Research Activities 1990/1991. 1992. 68 pp.
- + Towards a sustainable safe traffic system in the Netherlands: National Road Safety Investigation 1990-2010. Brochure. 1993. 7 pp.
- + The SWOV Institute for Road Safety Research. Folder. 1993. 5 pp.
- + Road safety in residential areas. Folder. 1993. 4 pp.
- + Modern roundabouts favourable for road safety. Folder. 1993. 2 pp.

#### Contributions and articles published by others than SWOV

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- In-depth accident analysis in The Netherlands. Contribution to the 5th International Congress ATEC '86 'The lack of road safety', Paris, 9-13 June 1986. J. Stoop (TH-Delft), S. Oppe (SWOV) a.o. Proceedings Volume 2, Topic II/1-D: Better safety through better designed roads and motorways. (IRRD No. 119724)
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- The effects of hyperventilation on breath alcohol measurements. J.A.G. Mulder (SWOV) & W. Neuteboom (Forensic Science Laboratory). *Blutalkohol* 24 (1987): 341-347. (IRRD No. 325626)
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