

SWOV-reports, publications, contributions and articles
1985-1997

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Foreword

In this brochure you will find lists of publications of research carried out by the SWOV Institute for Road Safety Research. Only reports and other publications written in other languages than Dutch are mentioned. The references in this brochure concern 1985 till 1997.

The publications in the chapters 1. and 2. are at request available from the Public Relations Department. All other publications are only available from the original publishers.

1. Reports and consults

Splash and spray by lorries. J.P.M. Tromp. R-85-5. 24 pp.

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, May 20-23, 1985, Tome 1, pp. 168-183. ONSER,
Paris, 1985. S.T.M.C. Janssen. R-85-11. 26 pp.

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, May 20-23, 1985, Tome 2, pp. 317-323. ONSER,
Paris, 1985. S. Oppe. R-85-12. 12 pp.

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, May
20-23, 1985, Tome 2, pp. 423-427. ONSER, Paris, 1985. J.H. Kraay &
S. Oppe. R-85-13. 12 pp.

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, June 4-6,
1985, Session 3: Assessment, Preprints, pp. 133-145. P.I.J. Wouters.
R-85-17. 25 pp.

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,
September 23-28, 1985. F.C.M. Wegman. R-85-26. 13 pp.

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, Reichtagsgebäude,
Berlin. J.H. Kraay. R-85-29. 32 S.

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.

Traffic safety in reconstructed streets. Lecture presented at the Technical
University, Espoo, Finland, May 14th 1985. J.H. Kraay. R-85-39. 42 pp.

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.

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.

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.

Design method for the lighting of tunnels based on the assessment of the veiling luminance. Contribution to the Fifth European Light Congress V LUX Europa 1985. September 9-11, 1985; Lausanne, Switzerland. Reports to the Conference No. 16. Dr. D.A. Schreuder (SWOV) & H.J.C. Oud (Rijkswaterstaat). R-85-67. 15 pp.

Remedies for defect accidents. Contribution to XXI FISITA Congress. Belgrade, Yugoslavia, June 2-6, 1986. J.P.M. Tromp. R-86-15. 16 pp.

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 September 9-11, 1986. J. van Minnen. R-86-18. 16 pp.

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 July 14-17, 1986. Volume P 284, pp. 55-86. PTRC Education and Research Services Ltd., London, 1986. S. Harris M.A. R-86-20. 34 pp.

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.

Woonerfs and other experiments in The Netherlands. J.H. Kraay. R-86-23. 13 pp. Article Built Environment 12 (1986) 1/2 : 20-29.

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.

Developments in road safety research. Closing lecture at the International Seminar 'Recent developments in road safety research', The Hague, November 20, 1986. Prof. E. Asmussen. R-86-28. 13 pp.

The function of road markings in relation to driver's visual needs. Dr. D.A. Schreuder. R-86-29. 103 pp.

Light trespass; Causes, remedies and actions. Paper presented at the CIE/MBE symposium 'Lighting and Signalling for Transport', Budapest, September 22-23, 1986. Dr. D.A. Schreuder. R-86-31. 28 pp.

Proceedings of the International Workshop Recent Developments in Road Safety Research, The Hague, The Netherlands, November 19, 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.

Die Niederländische Konfliktbeobachtungstechnik 'DOCTOR'. Beitrag 18. Budapester 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.

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.

Ridendo dicere verum (Telling the truth with a smile). Presented at the International Seminar on Road Safety 'Europaïsches Jahr der Straßenverkehrssicherheit 1986 - Erkenntnisse?' held at the Polizei-Führungsakademie, Münster, Federal Republic of Germany, October 6-8, 1987. M.J. Koornstra. R-87-35. SWOV, Leidschendam, 1987. 20 pp.

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. SWOV, Leidschendam, 1987. 34 pp.

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. SWOV, Leidschendam, 1988. 18 pp.

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. SWOV, Leidschendam, 1988. 62 pp.

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Visual performance and road safety. Dr. D.A. Schreuder. R-88-46. SWOV, Leidschendam, 1988. 13 pp.

Daytime running lights; Consultative document commissioned by the Road Safety Directorate. Dr. D.A. Schreuder. R-88-54. SWOV, Leidschendam, 1988. 56 pp.

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, March 15, 1989. M.J. Koornstra. R-89-4. SWOV, Leidschendam, 1989. 14 pp.

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Utilization of security helmets for two-wheeled vehicle riders. J.J.W. Huijbers. R-90-6. SWOV, Leidschendam, 1990. 107 pp.

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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. SWOV, Leidschendam, 1990. 46 pp.

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Accident typology. C.M. Gundy. R-90-48. SWOV, Leidschendam, 1990. 164 pp.

After seven years RIMOB in practice; An evaluation of the Dutch impact attenuator RIMOB. C.C. Schoon. R-90-49. SWOV, Leidschendam, 1990. 39 pp.

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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-91-5. SWOV, Leidschendam, 1991. 33 pp.

Evaluation of three years 'Familie Oudenrijn' and the associated information policy. R.D. Wittink & M.P. Hagenzieker. R-91-11. SWOV, Leidschendam, 1991. 14 pp.

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. SWOV, Leidschendam, 1991. 35 pp.

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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. SWOV, Leidschendam, 1991. 92 pp.

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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, Morocco, September 22-28, 1991. S. Harris & F.C.M. Wegman. R-91-57. SWOV, Leidschendam, 1991. 16 pp.

Statistical assessment and targets. Contribution to PIARC XIXth World Road Congress, Ad hoc Group IV: Road Safety, Marrakesh, Morocco, September 22-28, 1991. F.C.M. Wegman. R-91-58. SWOV, Leidschendam, 1991. 16 pp.

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Visibility aspects of the driving task: Foresight in driving; A theoretical note. Dr. D.A. Schreuder. R-91-71. SWOV, Leidschendam, 1991. 32 pp.

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The structure of system safety. Bijdrage in Kursus Verkeersveiligheid 1989 PAO, Orgaan voor Postacademisch onderwijs in de Vervoerswetenschappen en de Verkeerskunde. Delft, VV 2 Mens/voertuig/weg. M.J. Koornstra. D-91-1. SWOV, Leidschendam, 1991. 9 pp.

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A general system approach to collective and individual risk in road safety, Paper presented to the Interational Symposium on Driving Behaviour in a Social Contaxt, Paris, France, May 16-18, 1989, organized by La Prevention Routière. M.J. Koornstra. D-91-3. SWOV, Leidschendam, 1991. 54 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. Koornstra. R-92-36. SWOV, Leidschendam, 1992. 52 pp.

New pedestrian facilities; Technique, observations and opinions; The Dutch experiment. Drive project V1061: Pussycats. Dr. P.B.M. Levelt. R-92-55. SWOV, Leidschendam, 1992. 114 pp.

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. SWOV, Leidschendam, 1992. 116 pp.

Automatic enforcement of speed and red light violations; Applications, experiences and developments. Dr. T. Mäkinen (VTT Technical Research Center of Finland) & Oei Hway-liem (SWOV). R-92-58. SWOV, Leidschendam, 1992. 26 pp.

Strategies for improving road safety in the Netherlands: Past and future. Contribution to the 5th World Congress of the International Road Safety Organisation (P.R.I), Istanbul, May 12-14, 1992. P. Wesemann. D-92-1. SWOV, Leidschendam, 1992. 11 pp.

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Eye movements in traffic safety research. Paper presented at the Third International Conference on Visual Search, Nottingham, August 1992. M.P. Hagenzieker. D-92-3. SWOV, Leidschendam, 1992. 9 pp.

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Legislation, regulation and enforcement to improve road safety in developing countries. Contribution to the World Bank Seminar on Road Safety, Washington, December 14-15, 1992. F.C.M. Wegman. D-92-5. SWOV, Leidschendam, 1992. 13 pp.

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Experiences with new roundabouts in The Netherlands. Paper presented to the International Seminar 'Giratoires 92', Nantes, October 14-16, 1992. J. van Minnen. D-92-9. SWOV, Leidschendam, 1992. 10 pp.

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Predictions of road safety in industrialized countries and Eastern Europe; An analysis based on models for time series of fatality rates and motorized vehicle kilometers or amounts of passenger cars. Paper presented at the International Conference 'Road Safety in Europe', Berlin, September 30 - October 2, 1992. M.J. Koornstra & S. Oppe. D-92-11. SWOV, Leidschendam, 1992. 22 pp.

Long-term requirements for road safety: Lessons to be learnt. Paper presented at the OECD-Seminar on 'Road Technology Transfer and Diffusion for Central and East European Countries', Budapest, October 12-14, 1992. M.J. Koornstra. D-92-12. SWOV, Leidschendam, 1992. 28 pp.

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Traffic and traffic safety in Central and Eastern European Countries. Paper presented for 17th International study work on traffic engineering and safety: Road traffic; Finding a new balance, Warsaw, September 7-12, 1992. S. Oppe & M.J. Koornstra. D-92-15. SWOV, Leidschendam, 1992. 8 pp.

HID car headlights and road safety; A state of the art report on high-pressure gas-discharge lamps with an examination of the application of UV radiation and polarised light. C.C. Schoon & dr. D.A. Schreuder. R-93-70. SWOV, Leidschendam, 1993. 33 pp.

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Improving safety in young drivers: in search of possible solutions; Paper contributed to International Symposium 'Young Drivers', Lisbon, May 27-28, 1993. D.A.M. Twisk. D-93-2. SWOV, Leidschendam, 1993. 7 pp.

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SWOV-VVN visit to Hungary. D-93-8. SWOV, Leidschendam, 1993. 7 pp.

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Sicherer fahren mit Licht am Tag. Vortrag Enquête des Kuratorium für Verkehrssicherheit, Wien, 10 November 1993. J.L. Lindeijer. D-93-13. SWOV, Leidschendam, 1993. 8 S.

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Influencing the road user by enforcement; Results from Dutch and International safety research. Vortrag Internationale Arbeitstagung der Polizei-Führungsakademie Münster No. 6/93, February 25, 1993. M.J. Koornstra. D-93-23. SWOV, Leidschendam, 1993. 10 pp.

Growth of motorized mobility and strategies for road safety. M.J. Koornstra. D-93-24. SWOV, Leidschendam, 1993. 8 pp.

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Stimulation of cycling in a safe way. Paper presented to 73rd Annual Meeting Transportation Research Board, Washington D.C., January 9-13, 1994. R.D. Wittink & M.J. Koornstra. D-93-26. SWOV, Leidschendam, 1993. 11 pp.

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Proposal for a point demerit system in Hungary. D.A.M. Twisk & R.D. Wittink. R-94-13. SWOV, Leidschendam, 1994. 39 pp.

Young driver accidents in Europe; Characteristic young driver accidents in the member states of the EU. D.A.M. Twisk. R-94-18. SWOV, Leidschendam, 1994. 39 pp.

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Cost-benefit study concerning car front impact requirements to increase the crash-safety of pedestrians and cyclists; Final report. L.T.B. van Kampen. R-94-31. SWOV, Leidschendam, 1994. 37 pp.

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