

JOSEPH L. SCHOFER

Department of Civil & Environmental Engineering
Office of the Associate Dean
Technological Institute L272
Northwestern University
Evanston, Illinois 60208
Phone: (847) 491-8795 (847) 491-5221
Facsimile: (847) 491-7300
j-schofer@northwestern.edu

<http://www.civil.nwu.edu/people/schofer.html>

EDUCATION

Northwestern University, PhD in Civil Engineering (Transportation)
Northwestern University, MS in Civil Engineering (Transportation)
Yale University, BE in Civil Engineering (Summa Cum Laude)

ACADEMIC EXPERIENCE

NORTHWESTERN UNIVERSITY, Robert R. McCormick School of Engineering and Applied Science

Director, Infrastructure Technology Institute November 2007 - present
Associate Dean, Robert R. McCormick School of Engineering and Applied Science, April 2005 - present
Interim Chairman, Department of Civil and Environmental Engineering, September 2008 – July, 2009.
Interim Dean, Robert R. McCormick School of Engineering and Applied Science, July, 2004 – March 2005
Associate Dean for Faculty Affairs, Robert R. McCormick School of Engineering and Applied Science. Fall, 2002 – March, 2005
Chairman, Department of Civil and Environmental Engineering, Fall 1997 - Fall 2002
Director of Research, The Transportation Center, 1979-1997; 2001-2003
Professor, Department of Civil and Environmental Engineering, September 1973-present;
Associate Professor, July 1970-September 1973.
Master, College of Community Studies, September 1974-August 1977.

UNIVERSITY OF ILLINOIS AT CHICAGO

Assistant Professor, Department of Systems Engineering and Faculty Associate, Center for Urban Studies, September 1967-June 1970.

YALE UNIVERSITY

Assistant Instructor and Carnegie Teaching Fellow, Department of Engineering and Applied Science, 1963-1964.

RESEARCH AREAS

Transportation planning, management, marketing and policy analysis; use of data and information in transportation decision making; infrastructure evaluation and management, sustainable transportation systems; transportation and urban design; transportation evaluation and decision making.

RECENT FUNDED RESEARCH (PI or co-PI)

USDOT National University Transportation Center grant to support the Infrastructure technology Institute
Traffic Impacts of Flooding in Des Plaines River Basin, U.S. Army Corps of Engineers.
Communicating The Value of Research, National Cooperative Highway Research Program Project 20-78 (subcontract through NUStats, LLC)

CONSULTING

President and Director, Midwest System Sciences, Inc. (Innovative System Problem Solving)
Various consulting roles with government and industry

PROFESSIONAL AND PUBLIC SERVICE

Member, Chicago Transit Authority Capital Advisory Committee
Member, Mayor's Pedestrian Advisory Council (Chicago)
Member, Transportation Committee, Chicago Metropolitan Agency for Planning PACE (Suburban Bus Board, Chicago area) Citizens Advisory (1988-); Chairman (2006 - 8)
Member, Board of Advisors, Institute for Transportation Studies, Univ. of California, Davis (<http://www.its.ucdavis.edu/>)
University of California, Institute of Transportation Studies
Member, Advisory Committee, University of California, Irvine, Multicampus Research Program and Initiative (MRPI) on Sustainable Transportation: Technology, Mobility and Infrastructure
Transportation Research Board, National Research Council (National Academy of Sciences/National Academy of Engineering):

- Chairman, Policy Study on Equity Implications of Alternative Transportation Finance Mechanism, 2008 -2011
- Chairman, Policy Study on Strategies for Improved Passenger and Freight Travel Data, 2009-2011.
- Chairman, Planning committee for November 2009 conference Research Agenda for Transportation Infrastructure Preservation and Renewal
- Member, Technical Coordinating Committee for Capacity Research, Strategic Highway Research Program 2 (SHRP-2), 2006-present.
- Chair, SHRP2 Expert Technical Group on economic impacts of transportation investments (project C33)
- Member, National Transportation Data Requirements and Programs Committee.
- Member, Section on Data and Information Systems
- Member, Advisory Panel, National Cooperative Freight Research Project 03, Freight Performance Measures (2009-2011)
- Member, Task force on Applications of National Household Travel Survey Data
- Conference steering committees (2007 -): Strategies for Meeting Critical Data Needs for Decision Making in State and Metropolitan Transportation Agencies, North American Freight Data Conference; Data Programs Peer Exchange; Freight Data Requirements for Air quality and Infrastructure, Transportation Asset Management, Midwest Traffic Monitoring Workshop.
- Chairman, Bureau of Transportation Statistics Policy Study Committee, which produced: *Measuring Personal Travel and Goods Movement – A Review of the Bureau of Transportation Statistics’ Surveys*, Transportation Research Board Special Report 277, 2003. (<http://trb.org/publications/sr/sr277.pdf>)
- Reviewer, Special Report 282 - [Does the Built Environment Influence Physical Activity? Examining the Evidence](#) (*The Role of the Built Environment in Physical Activity Levels in the U.S.*), Transportation Research Board and The Institute of Medicine, 2005.
- Northwestern University Representative (Institutional contact with TRB)
- Various other leadership roles on committees and councils since 1968.

Reviewer, University of Chicago Press, *Journal of Transportation engineering* (ASCE), *Accident Analysis and Prevention*, *Journal of the Transportation Research Board*

Associate Editor, *Transportation Science*, 1982-1989

PROFESSIONAL SOCIETY MEMBERSHIPS

Transportation Research Board
Institute of Transportation Engineers
American Society of Civil Engineers, Life Member

American Association for the Advancement of Science

HONORARY SOCIETIES AND HONORS

Annual Melvin Webber Memorial Lecture, University of California Transportation Center, Davis, California, April, 2012
2012 Roy Crum Award for contributions to research, Transportation Research Board
2011 National Associate of the National Academies
2003 Wilbur S. Smith Distinguished Transportation Educator, Institute of Transportation Engineers
2002 McCormick School of Engineering and Applied Science Advisor of the Year
1987 Burlington Northern Foundation Award for Excellence in Teaching
Sigma Xi, Tau Beta Pi, Chi Epsilon, Golden Key Society

PUBLICATIONS

1. K. Coffel, J. Parks, C. Semler, P. Ryus, D. Sampson, C. Kachadoorian, H.S. Levinson, and J.L. Schofer, *Guidelines for Providing Access to Public Transportation Stations*, Transit Cooperative Research Program Report 153, Transportation Research Board, 2012.
2. L.F. Audenaerd, D.E. Boyce and J.L. Schofer, "A Trade-Space Analysis of Surface Alternatives for Short-Haul Passenger Air Travel," forthcoming, *Transportation Research Record*.
3. Joseph L. Schofer, Leonard Evans, Michael P. Freeman, Larry L. Galehouse, Samer Madanat, Ali Maher, Sue McNeil, John J. Myers, Robert L. Peskin, and Butch Wlaschin, "Research Agenda for Transportation Infrastructure Preservation and Renewal: Conference Report," *ASCE J. Infrastructure Systems*, V. 16, No. 4, December 2010, pp. 228-230.
4. Marshall Lindsey, Joseph L. Schofer, Pablo Durango-Cohen, and Kimberly A. Gray, "The Effect Of Residential Location On Vehicle Miles Of Travel, Energy Consumption And Greenhouse Gas Emissions: Chicago Case Study," *Transportation Research D: Transport and Environment*, V. 16, 2011, pp. 1-9.
5. Marshall Lindsey, Joseph L. Schofer, Pablo Durango-Cohen, and Kimberly A. Gray, "Relationship between proximity to transit and ridership for journey-to-work trips in Chicago," *Transportation Research A, Policy and Practice*, Volume 44, Issue 9, November, 2010, pp. 687-709.
6. Johanna Zmud, Julie Paasche, Mia Zmud, Timothy Lox, Joseph Schofer and Judy Meyer, "Communicating the Value of Transportation Research," *TR News*, Transportation Research Board, January-February, 2010, pp. 31-34.

7. Johanna Zmud, Julie Paasche, Mia Zmud, Timothy Lox, Joseph Schofer and Judy Meyer, *Communications Matters: Communicating the Value of Transportation Research - Guidebook*, National Cooperative Highway Research Program Report 610, 2009.
8. J.L. Schofer, *Information Assets to Support Transportation Decision Making Report of a Peer Exchange of State Transportation Organizations*, Kansas City, KS, April 17-18, 2007, Transportation Research Board Electronic Circular E-C121, August, 2007, 23 pps. <http://onlinepubs.trb.org/onlinepubs/circulars/ec121.pdf>
9. J.L. Schofer, "Key Points for the Workshop," in *North American Freight Transportation Data Workshop*, K. Hancock, ed., Transportation Research Board Electronic Circular E-C119, August, 2007, pp. 19-22, http://www.trb.org/news/blurb_detail.asp?id=8003
10. J.L. Schofer, T. Lomax, T. Palmerlee, J. Zmud, *Transportation Information Assets and Impacts*, Transportation Research Circular E-C 109, Transportation Research Board, December 2006. <http://onlinepubs.trb.org/onlinepubs/circulars/ec109.pdf>
11. James R. Parks and Joseph L. Schofer, "Characterizing Neighborhood Pedestrian Environments with Secondary Data," *Transportation Research D, Transportation and Environment*, Vol. 11, Number 4, July, 2006, pp. 250-263.
12. Joseph L. Schofer, "Summary Statement," *Expert Forum on Road Pricing and Travel Demand Modeling Proceedings*, Volpe National Transportation Systems Center, April, 2006, pp. 3-12, <http://tmip.fhwa.dot.gov/clearinghouse/docs/DOT-OST-P-001-06/DOT-OST-P-001-06.pdf>.
13. Joseph L. Schofer, "Key Observations from the Conference," *Data for Understanding Our Nation's Travel*, National Household Travel Survey Conference, Washington, November, 2004, published as Transportation Research Circular E-C071, January, 2005, pp. 60-64 (<http://trb.org/publications/circulars/ec071.pdf>).
14. Joseph L. Schofer, "Freight Database for the Future," presented at Transportation Research Board Conference on the Commodity Flow Survey, Boston, July, 2005, published in *Commodity Flow Survey Conference*, Transportation Research Circular E-C088, January 2006, pp. 190-194 (<http://www.trb.org/publications/circulars/ec088.pdf>).
15. John J. Wirtz, Joseph L. Schofer and David F. Schulz, "Using Simulation to Test Traffic Incident Management Strategies: Illustrating the Benefits of Pre-Planning," *Transportation Research Record 1923*, pp. 82-90, 2006.

16. Brian H.Y. Lee, Joseph L. Schofer and Frank S. Koppelman, "Bicycle safety helmet legislation and bicycle-related non-fatal injuries in California," presented at the Annual Meeting of the Transportation Research Board, January, 2004; *Accident Analysis and Prevention*, Vol. 37, No. 1, January, 2005, pp. 93-102.
17. Joseph L. Schofer, Barry L. Nelson, Ronald Eash, Mark Daskin, Ying Yang Hong Wan, Jingfeng Yan, and Laszlo Medgyesy, Resource Requirements for Demand-Responsive Transportation Services, *Transit Cooperative Research Report 98*, Transportation Research Board, 2003.
(http://trb.org/news/blurb_detail.asp?id=2180).
18. Brian H.Y. Lee and Joseph L. Schofer, "Injuries in Fatal Crashes and Restraint Use: A National Analysis of the Age and Sex Demographics of the Occupants," *Transportation Research Record 1830*, 2003, pp. 10-17.
19. J. Schofer and E. Czepiel, "Estimating the Value of Business Aviation: What Do People Pay to Fly in Private Aircraft?" Proceedings (CD), Transportation Research Board 81st Annual Meeting, January, 2002.
20. Richard A. Raub, Omar Sawaya, Joseph L. Schofer, and Athanasios Ziliaskopoulos, "Workzone Crashes and their Contributing Factors," Proceedings (CD), 80th Annual Meeting of the Transportation Research Board, Washington, D.C., January, 2001.
21. S. Travis Waller, Joseph L. Schofer, and Athanasios Zilkiaskopoulos, "Evaluation with Traffic Assignment Under Demand Uncertainty," *Transportation Research Record 1771*, 2001, pp. 69-74.
22. Omar B. Sawaya, Joseph L. Schofer, Athanasios K. Ziliaskopoulos and Richard A. Raub, "Continuous Learning Process Model for Work Zone Safety Management," *Transportation Quarterly*, V. 55, N. 1, winter, 2001, pp. 47-61.
23. Joseph L. Schofer and Edward J. Czepiel, High Occupancy Vehicle Facilities: A Review of National Experience, Success Factors, and Decision Issues, *Transportation Research Record 1711*, 2000, pp. 13-22.
24. Omar Sawaya, Anthansios Ziliaskopoulos and Joseph L. Schofer, "Development of Dynamic Control Strategies for Managing Freeway Incident Traffic," *Proceedings, Tristan III*, San Juan, Puerto Rico, June, 1998.
25. J. Christopher Kopp, Joseph L. Schofer, and David F. Schulz, "Adapting Public Works for Private Capital," *Transportation Quarterly*, Vol. 52, No. 4, pp.33-44, Fall, 1998.

26. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Designing ATIS for Familiar Drivers: Preliminary Behavioral Concepts, R. Emmerink and P. Nijkamp, eds., *Behavioural and Network Impacts of Driver Information Systems*, Ashgate Publishing Company, 1999, pp.269-290.
27. Richard A. Raub and Joseph L. Schofer, "Tactics for Enhanced Arterial Incident Management," *Traffic Congestion and Traffic Safety in the 21st Century*, Proceedings of the American Society of Civil Engineers Conference, Chicago, June 8-11, 1997, pp.277-283.
28. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Perspectives on Driver Preferences for Dynamic Route Guidance Systems," *Transportation Research Record 1588*, 19996, pp. 26-31.
29. Richard A. Raub and Joseph L. Schofer, "Managing Incidents on Urban Arterial Roadways," *Transportation Research Record 1603*, 1996, pp. 12-19.
30. Christopher L. Saricks, Joseph L. Schofer, Siim Soot, and Paul A. Belella, "Evaluating Effectiveness of a Real-Time ATIS Using a Small Test Vehicle Fleet," *Transportation Research Record 1588*, 1997.
31. K.E.Wills, R.R.Tanz, K.K.Christoffel, J.L. Schofer, J.V. Lavigne, M. Donovan, and K. Kalangis, "Supervision in childhood injury cases: a reliable taxonomy," *Accident Analysis and Prevention*, Vol. 29, No. 1, pp. 133-7, January, 1997.
32. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Familiar Driver Response to In-Vehicle Route Guidance Systems," *Proceedings*, 3rd Annual World Congress on Intelligent Transport Systems, Orlando, Florida, October, 1996.
33. Christopher L. Saricks, Joseph L. Schofer and Ashish K. Sen, "Lessons Learned from the ADVANCE Targeted Deployment," *Proceedings*, 3rd Annual World Congress on Intelligent Transport Systems, Orlando, Florida, October, 1996.
34. Christopher L. Saricks, Paul A. Belella, Frank S. Koppelman, Joseph L. Schofer, and Ashish K. Sen, "Formal Evaluation of the ADVANCE Targeted Deployment," *Proceedings*, Sixth Annual Meeting, ITS America, Houston, TX, April, 1996.
35. Robert R. Tanz, Katherine K. Christoffel, Joseph L. Schofer, Mark Donovan, and the Kids 'n' Cars Team, "There Are Several Child Pedestrian Injury Syndromes," *Archives of Pediatrics & Adolescent Medicine*, v. 149 (supplement), p. 90, 1995.
36. Katherine Kaufer Christoffel and Joseph L. Schofer, "Identifying Injury Scenarios: A Systematic Approach," *Injury Prevention, Volume 2*, pp. 221-227.

37. Katherine Kaufer Christoffel, Mark Donovan, Joseph Schofer, Karen Wills, John Lavigne, and the Kids 'n' Cars Team, "Psychosocial Factors in Childhood Pedestrian Injury: A Matched Case-Control Study," *Pediatrics*, Vol. 97, no. 1, pp. 33-42, January, 1996.
38. J.N. Ivan, Joseph L. Schofer, Frank S. Koppelman, and Lina L.E. Massone, "Real Time Data Fusion for Arterial Street Incident Detection Using Neural Networks," presented at the 74th Annual Meeting of the Transportation Research Board, January, 1995; *Transportation Research Record 1497*, 1995, pp. 27-35.
39. Nikhil Bhandari, Frank S. Koppelman, Joseph L. Schofer, Vaneet Sethi, and John N. Ivan, "Arterial Incident Detection Integrating Data from Multiple Sources," presented at the 74th Annual Meeting of the Transportation Research Board, January, 1995, *Transportation Research Record 1510*, 1995, pp. 60-69.
40. Joseph L. Schofer, Katherine K. Christoffel, *et al.*, "Beyond the Midblock Dart-out: A New Child Pedestrian Injury Taxonomy Based on Visibility and Action," *Accident Analysis and Prevention*, V. 27, N. 3, pp. 317-333, 1995.
41. Vaneet Sethi, Nikhil Bhandari, Frank S. Koppelman and Joseph L. Schofer, "Arterial Incident Detection Using Fixed Detector and Probe Vehicle Data," *Transportation Research C*, Vol. 3, No. 2, pp. 99-112, 1995.
42. K.E. Wills, K.K. Christoffel, J. Lavigne, Robert R. Tanz, J.L. Schofer, M. Donovan, K. Kalangis, and the Kids 'n' Cars Research Team, "Patterns and Correlates of Supervision in Child Pedestrian Injury," *Journal of Pediatric Psychology*, Volume 22, No. 1, 1997, pp. 89-104.
43. Asad J. Khattak, Joseph L. Schofer and Mu-Han Wang, "A Simple Time Sequential Procedure for Predicting Freeway Incident Duration," *IVHS Journal*, Vol. 22, No. 2, pp. 113-138; presented as "A Procedure for Predicting Freeway Incident Duration" at the 73rd Annual Meeting of the Transportation Research Board, January, 1994.
44. Asad J. Khattak, Joseph L. Schofer and Frank S. Koppelman, "Effect of Traffic Information on Commuters' Propensity to Change Route and Departure Time," *Journal of Advanced Transportation*, Vol. 29, No. 2, pp. 193-212, 1994.
45. David E. Boyce, Allan M. Kirson, and Joseph L. Schofer, "ADVANCE -- The Illinois Dynamic Navigation and Route Guidance Demonstration Program," in Ian Catling, ed., *Advanced Technology for Road Transport: IVHS and ATT*, Artech House, London, 1994, pp. 247-270.

46. Koji Tsunokawa and Joseph L. Schofer, "Trend Curve Optimal Control Model for Highway Pavement Maintenance: Case Study and Evaluation," *Transportation Research A*, Vol. 28a, No. 2, 1994, pp. 151-166.
47. J. Ivan, J. Schofer, C. Bhat, and F. Koppelman, "Arterial Street Incident Detection Using Multiple Data Sources: Plans for the ADVANCE Project," *Proceedings*, Pacific Rim Transportation Technology Conference, Seattle, July, 1993.
48. J.L. Schofer, "Mass Transportation," *Encyclopædia Britannica*, 15th Edition, 1993, Vol. 28, pp. 864-870.
49. Joseph L. Schofer, Asad J. Khattak, and Frank S. Koppelman, "Behavioral Issues in the Design and Evaluation of Advanced Traveler Information Systems," presented at the 6th World Conference on Transportation, Lyon, France, June 29 - July 3, 1992; *Transportation Research C*, Vol. 1, No. 2, 1993, pp. 107-117.
50. Chandra R. Bhat, Joseph L. Schofer, Frank S. Koppelman, and Russell C. Bautch, "Driver Recruitability for Advanced Traveler Information System Experiments," presented at the 72nd Annual Meeting of the Transportation Research Board, Washington, D.C., January, 1993; published in *Transportation Research C*, Vol. 1. No.4, pp. 265-274, 1993.
51. Richard Bolczak, Joseph L. Schofer and Toni Wilbur, "Evaluating the ADVANCE Project," *Proceedings*, IVHS America conference, Washington, D.C, April, 1993.
52. Joseph Ligas, Syd Bowcott, David Boyce, Peter Nelson, Joseph Schofer, Frank Koppelman, and Allan Kirson, "An Update on ADVANCE," *Proceedings*, IVHS America conference, Washington, D.C, April, 1993.
53. Chandra R. Bhat, Frank S. Koppelman and Joseph L. Schofer, "Suburban Commuter Response to Ride Sharing Incentives and Auto-Use Disincentives," presented at the 6th World Conference on Transportation, Lyon, France, June 29 - July 3, 1992; also published as: Frank S. Koppelman, Chandra R. Bhat and Joseph L. Schofer, "Market Research Evaluation of Actions to Reduce Suburban Traffic Congestion: Commuter Travel Behavior and Response to Demand Reduction Actions," *Transportation Research A*, Vol. 27A, No. 5, pp. 383-393.
54. A. Kirson, B.C. Smith, D. Boyce, P. Nelson, J. Hicks, A. Sen, J. Schofer, F. Koppelman, and C. Bhat, "The Evolution of ADVANCE," *Proceedings*, Vehicle Navigation and Information Systems Conference, Oslo, Norway, September, 1992, SAE.
55. Katherine K. Christoffel, Joseph L. Schofer, John V. Lavigne, Robert R. Tanz, Karen Wills, Barbara White, Martha Barthel, Patricia McGuire, Mark Donovan, Flavia

Buergo, Nancia Shawver, and Jeffrey Jenq, " Kids 'N' Cars, An Ongoing Study of Pedestrian Injuries: Description and Early Findings," *Children's Environment Quarterly*, Volume 8, Number 2, 1991.

56. I. Salomon, N. Schneider, and J.L. Schofer, "Is Telecommunicating Cheaper than Travel? An Examination of Interaction Costs in a Business Setting," *Transportation*, Vol. 18, No. 4, 1991 (pp. 291-318).
57. A.J. Khattak, Frank S. Koppelman and Joseph L. Schofer, "Stated Preferences for Investigating Commuters' Diversion Propensity," presented at the 1992 Annual Meeting of the Transportation Research Board; published in *Transportation*, Vol. 20, pp. 107-127, 1993.
58. A.J. Khattak, J.L. Schofer and F.S. Koppelman, "Effect of Traffic Reports on Commuters' Route and Departure Time Changes," *Proceedings*, Vehicle Navigation and Information Systems Conference, 1991, SAE.
59. David E. Boyce, Allan Kirson, and Joseph L. Schofer, "Design and Implementation of ADVANCE: The Illinois Dynamic Navigation and Route Guidance Demonstration Program," *Proceedings*, Vehicle Navigation and Information Systems Conference, 1991, SAE.
60. A. Kirson, J.L. Schofer and D.E. Boyce, "ADVANCE: The Illinois Dynamic Route Guidance Demonstration Program," *Proceedings*, International Symposium on Automotive Technology and Automation, Florence, Italy, May 1991.
61. P.D. Prevedouros and J.L. Schofer, "Factors Affecting Automobile Ownership and Use," *Proceedings*, 6th International Conference on Travel Behavior," Quebec City, Quebec, Canada, Vol. 2 (pp. 396-412); also in *Transportation Research Record 1364*, Transportation Research Board, Washington: 1992 (pp. 152-160).
62. A.J. Khattak, J.L. Schofer, and F.S. Koppelman, "Commuters' Enroute Diversion and Return Decisions: IVHS Design Implications," *Proceedings*, 6th International Conference on Travel Behavior," Quebec City, Quebec, Canada; published in modified form as "Commuters' Enroute Diversion and Return Decisions: Analysis and Implications for Advanced Traveler Information Systems," *Transportation Research A*, Vol. 27A, No. 2, pp. 101-111, 1993.
63. A.J. Khattak and J.L. Schofer, "Factors Influencing Commuters' Enroute Diversion Behavior in Response to Delay," *Transportation Research Record 1318*, Transportation Research Board, Washington: 1991 (pp 125-136).

64. P.D.Prevedouros and J.L.Schofer, "Trip Characteristics and Travel Patterns of Suburban Residents," *Transportation Research Record 1328*, Transportation Research Board, Washington: 1991 (pp. 49-57).
65. P.P. Jovanis, J.L.Schofer, P.D.Prevedouros, and K. Tsunokawa, "An analysis of Bus Accidents: Empirical, Methodological and Policy Issues," *Transportation Research Record 1322*, Transportation Research Board, Washington: 1991 (pp. 17-29).
66. I. Salomon and J.L.Schofer, "Transportation and Telecommunications Costs: Some Implications for Small Countries ," in F. Dietz, W. Heijman, and D. Shefer, eds., *Location and Labor Considerations for Regional Development*, Gower Publishing Co., Alderhot, England, 1990; Modified version published as "Transportation and Telecommunications Costs: Some Implications of Geographic Scale," *Annals of Regional Science*, Vol. 25, 1991 (pp. 19-39).
67. I.Salomon, N.Schneider, and J.L.Schofer, "Are Telecommunications Costs Cheaper than Travel? An Examination of Interaction Costs in a Business Setting," *Proceedings of the Fifth World Conference on Transportation Research* (Yokohama, Japan: July, 1989).
68. P.D.Prevedouros and J.L.Schofer, "Social and Cultural Factors Affecting Transportation Behavior in Rapidly Developing Suburbs," in *Transport Policy, Management & Technology Towards 2001: Selected Proceedings of the Fifth World Conference on Transportation Research*, Western Periodicals Co., 1989 (pp.169-183).
69. P. Prevedouros and J.L. Schofer, "Changing Transport Behavior as a Factor in Suburban Congestion", *Transportation Research Record 1237*, 1989 (pp. 47-58).
70. I. Salomon and J.L. Schofer, "Forecasting Telecommunications-Travel Interactions: The Transportation Manager's Perspective," *Transportation Research A*, Volume 22A, No. 1, May, 1988 (pp. 219-229).
71. V.L.Sauter and J.L. Schofer, " Evolutionary Development of Decision Support Systems: Important Issues for Early Phases of Design," *Journal of Management Information Systems*, Volume 4, Number 4, Spring, 1988 (pp. 77-92).
72. J.L. Schofer, "Passenger Transportation in the Chicago Region: Today and Tomorrow," prepared for the Regional Agenda Project of the Metropolitan Planning Council, April, 1986; published in *The State of The Region*, a collection of background papers sponsored by The Regional Partnership, Chicago, Illinois, December, 1988.

73. M.S. Daskin and J.L. Schofer, "A Quadratic Programming Model for Designing and Evaluating Distance-Based and Zone Fares for Urban Transit," *Transportation Research B*, Volume 22B, No. 1, 1988 (pp. 25-44).
74. M.L. Manheim and J.L. Schofer, "Urban Transportation Planning Information Systems for Use in Developing Countries," in, *Information Systems for Urban and Regional Planning: Asian and Pacific Perspectives*, United Nations Centre for Regional Development, Nagoya, Japan, 1986 (pp. 249-304).
75. J.L. Schofer, "Suburban Traffic Problems and Prospects," in *Getting There from Here*, Proceedings of a Conference on Transportation Needs in DuPage County (Illinois), October 29, 1986.
76. F.S. Koppelman, M. Hirsh and J.L. Schofer, "Market Analysis for Chicago Suburb to Central Area Commuters," *Proceedings*, Metropolitan Conference on Public Transportation Research, Chicago, June, 1986.
77. K.K. Christoffel, J.L. Schofer, P.P. Jovanis, B. Brandt and R. Tanz, "Childhood Pedestrian Injury: a Pilot Study Concerning Etiology," *Accident Analysis and Prevention*, Vol. 18, No. 1, 1986.
78. M.S. Daskin, J.L. Schofer and A.E. Haghani, "An Optimizing Model for Transit Fare Policy Design and Evaluation," *Transportation Research Record 1039*, Transportation Research Board, Washington, D.C., 1985 (pp. 34-42).
79. J.L. Schofer and D.E. Boyce, "Conference Summary and Conclusions," (Summary of National Science Foundation Conference in Transportation Research), *Transportation Research A*, Vol. 19A, No. 5/6, 1985.
80. J.L. Schofer, "Strategic Planning Overview" in *Proceedings*, RTA Strategic Planning Conference, Regional Transportation Authority (of Northeastern Illinois), May, 1984.
81. J.L. Schofer, "The Role of Planning in the Preservation of Transportation Infrastructure", in G.R.M. Jansen, P. Nijkamp, and C.J. Ruijgrok, *Transportation and Mobility in an Era of Transition*, Elsevier Science Publishers, Amsterdam, 1985 (pp. 295-312).
82. J.P. Schwieterman and J.L. Schofer, "The Effects of Competition from the Private Sector on the Efficiency of Mass Transit: A Case Study," *Transportation Research Record 980*, Transportation Research Board, Washington, D.C. 1984 (pp. 31-37).
83. J.L. Schofer, "Routes to the Future of Urban Public Transit," *Urban Affairs Quarterly*, Vol. 19, No. 2, December, 1983 (pp. 149-166).

84. J.L. Schofer (Symposium Guest Editor) "New Departures for Urban Transportation," *Urban Affairs Quarterly*, Vol. 19, No. 2, December, 1983 (pp. 147-148).
85. K.K. Christoffel, J.L. Schofer, P.P. Jovanis, *et al.*, "Multidisciplinary Staffing for Etiologic Analysis of Childhood Pedestrian Injury - Pilot Study of Methodology," *SAE Child Injury and Restraint Conference Proceedings P-135*, Society of Automotive Engineers, October, 1983 (pp. 125-136).
86. J.L. Schofer, "Challenges to the Future of Urban Transportation Planning," *Transportation Research Record 913*, Transportation Research Board, Washington, D.C., 1983 (pp. 27-31).
87. A. Polus, J.L. Schofer, and A. Ushpiz, "Pedestrian Flow and Level of Service," *Journal of Transportation Engineering, Proceedings*, American Society of Civil Engineers, Vol. 109, No. 1, January, 1983 (pp. 46-56).
88. J.L. Schofer, "Long Range Urban Transportation Planning; Are We Creating New Life or Resuscitating a Dinosaur?", *Travel Analysis Methods for the 1980s, Special Report 201*, Transportation Research Board, Washington, D.C., 1983 (pp. 18-24).
89. J.L. Schofer, "Does This Bus Go to the Future? Some Thoughts on the Future of Urban Public Transit," *Future Directions of Urban Public Transportation, Special Report 199*, Transportation Research Board, Washington, D.C., 1983 (pp. 59-66).
90. J.S. deBettencourt, M.B. Mandell, S.E. Polzin, V.L. Sauter and J.L. Schofer, "Making Planning More Responsive to its Users: The Concept of Meta-Planning," *Environment and Planning A*, 1982 (pp. 311-322).
91. J.L. Schofer, W. Weisel, and R.L. Peskin, "Nucleated Urban Growth Effects on Transportation Energy Consumption," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 107, No. TE3, May, 1981 (pp. 331-334).
92. J.L. Schofer and P.R. Stopher, "Specification for a New Long-Range Transportation Planning Process," presented at the 58th Annual Meeting Transportation Research Board, Washington, D.C. January, 1979, published in *Transportation*, Vol. 8, 1979 (pp. 199-218).
93. S.E. Polzin and J.L. Schofer, "Service Quality Implications of Transbus," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 105, No. TE5, September, 1979 (pp. 561-576).

94. A. Polus and J.L. Schofer, "Contraflow Bus Priority Lane Performance: A Case Study," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 105, No. TE3, May, 1979 (pp. 297-305).
95. M.A. Sherman, G.J. Rath, J.L. Schofer and C.W.N. Thompson, "Threats to the Validity of Emergency Medical Services Evaluation: A Case of Mobile Intensive Care Units," *Medical Care*, Vol. XVII, No. 2, February, 1979 (pp. 127-137).
96. D.I. Wilson and J.L. Schofer, "A Decision-Maker Defined, Cost-Effectiveness Framework for Highway Programming," *Transportation Research Record 677*, 1978 (pp. 1-6). Also published in *CATS Research News*, Vol. 20, No. 1, November, 1979 (pp. 10-30).
97. J.L. Schofer (Editor), "Technical Aspects of Alternatives Analysis," Transportation Research Board, Washington, D.C., July, 1978.
98. R.L. Peskin and J.L. Schofer, "Transportation Energy Conservation through Directed Urban Growth," *Proceedings of the International Conference on Energy Use Management*, Tucson, Arizona, October, 1977.
99. J.L. Edwards and J.L. Schofer, "Relationships Between Transportation Energy Consumption and Urban Structure: Results of Simulation Studies," *Transportation Research Record 599*, Transportation Research Board, Washington, D.C., 1977 (pp. 52-99).
100. J.L. Schofer and Amado San Mateo, "Toward the Development of Models for Studying the Regional Role of Engineering Colleges," and C.H.P. Schneider and J.L. Schofer, "Impact Identification Model," both in G. Bugliarello and H.A. Simon, eds., *Technology, The University and the Community: A Study of the Regional Role of Engineering Colleges*, Pergamon Press, New York, 1976.
101. G.S. Rutherford and J.L. Schofer, "Some Characteristics of Pedestrian Travel," *Transportation Research Record 605*, Transportation Research Board, Washington, D.C., 1976 (pp. 29-34).
102. J.L. Schofer, "Evaluating Transportation Alternatives," *Proceedings, Seminar on Emerging Transportation Planning Methods*, U.S. Department of Transportation, Daytona Beach, Florida, December, 1976, published August, 1978 (pp. 53-94).
103. A. Polus and J.L. Schofer, "Analytic Study of Freeway Reliability," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 102, No. TE4, November, 1976 (pp. 857-869).

104. R.L. Peskin and J.L. Schofer, "Urban Transportation and Land Use Policies and Energy Consumption," *Proceedings*, IEEE Conference on Transportation, Washington, D.C., 1976.
105. B.P. Sterman and J.L. Schofer, "Factors Affecting Reliability of Urban Bus Services," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, February, 1976 (pp. 147-159).
106. M. Scheibe, M. Skutsch and J.L. Schofer, "Experiments in Delphi Methodology," in H. Linstone and M. Turoff, eds., *The Delphi Method: Techniques and Application*, Addison-Wesley Publishing Co., Reading, Massachusetts, 1975 (pp. 262-287).
107. P.K. Wang, G.L. Peterson and J.L. Schofer, "Population Change: An Indicator of Freeway Impact," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 101, No. TE3, August, 1975 (pp. 491-504).
108. S.K. Agarwal and J.L. Schofer, "A Transportation Network Design for Regional Development and Planning," *ITCC Review*, Vol. IV, No. 3(15), July, 1975. (pp. 43-61) (International Technical Cooperation Centre, Association of Engineers and Architects in Tel-Aviv, Israel).
109. J.L. Schofer, R.A. Gemmell and G.L. Peterson, *Social Impact Assessment: A Sourcebook for Highway Planners -- Vol. VII. The Judgmental Impact Matrix Approach: A Framework for Evaluating the Social and Environmental Impacts of Transportation Alternatives*, Report No. FHWA-RD-76-52, prepared for the Federal Highway Administration, Office of Research and Development, June, 1975.
110. J.L. Schofer, "Transportation Policy and Air Quality Management: Some Current Perspectives," *Proceedings*, National Conference on Land Use Planning, Transportation Planning, and Air Quality Management, Chapel Hill, North Carolina, November, 1974 (pp. 27-41).
111. R.S. Gemmell, G.L. Peterson and J.L. Schofer, "Multi Disciplinary, Design-Interactive Evaluation of Large Scale Projects," *EDRA 5, Proceedings of Fifth Annual Conference on Environmental Design Research Association*, 1974 (pp. 251-272).
112. B.M. Hudson, M. Wachs, and J.L. Schofer, "Local Impact Evaluation in the Design of Large-Scale Urban Systems," *Journal of the American Institute of Planners*, Vol. 40, No. 4, July, 1974 (pp. 255-265).

- 113.K.E. Nelson and J.L. Schofer, "A Computer Model for Highway Noise Prediction," *Transportation Engineering Journal, Proceedings, American Society of Civil Engineers*, Vol. 100, No. TE2, May, 1974 (pp. 325-334).
- 114.M. Wachs, B. Hudson and J.L. Schofer, "Integrating Localized and Systemwide Objectives in Transportation Planning," *Traffic Quarterly*, April, 1974 (pp. 159-184).
- 115.J.L. Schofer and D.G. Stuart, "Evaluating Regional Plans and Community Impacts," *Journal of the Urban Planning and Development Division, Proceedings, American Society of Civil Engineers*, Vol. 100, No. UP1, March, 1974 (pp. 93-109).
- 116.G.L. Peterson, R.S. Gemmell and J.L. Schofer, "Multidisciplinary Judgmental Assessment of the Environmental Impacts of Large Scale Engineering Projects," *Eskistics*, Vol. 37, No. 218, January, 1974, pp. 23-50.
- 117.D. Hall, M. Wachs, G. Rath and J.L. Schofer, "The City as a design Laboratory," *Engineering Education*, Vol. 64, No. 4, January, 1974 (p. 250).
- 118.J.L. Schofer, "Demand Forecasting for Short-Range and Low-Capital Options," Workshop report in *Urban Travel Demand Forecasting, Special Report 143*, Highway Research Board, National Research Council, Washington, D.C., 1973 (pp. 28-33).
- 119.G.S. Rutherford, J.L. Schofer, M. Wachs and M. Skutsch, "An Experiment in Goal Formulation for Socio-Technical Systems," *Journal of the Urban Planning and Development Division, Proceedings, American Society of Civil Engineers*, Vol. 99, No. UP2, September, 1973 (pp. 157-169).
- 120.M. Skutsch and J.L. Schofer, "Goal Delphis for Urban Planning," *Socio-Economic Planning Sciences*, Vol. 7, 1973 (pp. 305-313).
121. R.S. Gemmell, G.L. Petersen, J.L. Schofer, *et al.*, "Wastewater Management Study for Chicago-South End of Lake Michigan," *Social-Environmental Evaluation: Appendix E*, Department of the Army, Chicago District Corps of Engineers, July, 1973.
122. G.L. Peterson, R.S. Gemmell and J.L. Schofer, "Impact Assessment: A Design Interactive Strategy Using a Multidisciplinary Panel," in *Environmental Impact Assessment*, J.E. Quon, ed., Midwestern Universities Consortium on Environmental Education and Research, September, 1974 (pp. 21-47). (*Proceedings of Symposium of Midwest Universities Committee on Air Pollution*, April, 1973).

123. J.L. Schofer, R. Schofer, A. Sevin and J. Kelly, "Urban Transportation Service Level Indices," in *Proceedings, Operations Research Society of America Urban Transportation Workshop*, ORSA, 1973.
124. G. Gilbert, G.L. Peterson and J.L. Schofer, "Markov Renewal Model of Linked Travel Behavior," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 98,, No. TE3, August, 1972 (pp. 691-704).
125. M. Wachs and J.L. Schofer, "Evaluating the Transit System and Access to Jobs in Chicago," *Transportation Engineering Journal, Proceedings*, American Society of Civil Engineers, Vol. 98, No. TE2, May, 1972 (pp. 351-366).
126. J.L. Schofer, "Issues in the Analysis of Urban Transportation Innovations," presented to the National Transportation Engineering meeting, American Society of Civil Engineers, Boston, Massachusetts, July 1970; published in D. Brand, ed., *Urban Transportation Innovation*, American Society of Civil Engineers, New York, 1972 (pp. 187-206).
127. J.L. Schofer, "Systems Analysis in Transportation Planning," in Brian J.L. Berry and F.E. Horton, *Geographic Perspectives on Urban Systems*, Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1970 (pp. 547-551).
128. W.L. Garrison and J.L. Schofer, "Technology for Urban Systems," in *Your Stake in Urban Environment*, Symposium Bulletin published by the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., New York, 1970 (pp. 17-23).
129. E.N. Thomas and J.L. Schofer, "Strategies for the Evaluation of Alternative Transportation Plans," National Cooperative Highway Research Program; *Report 96*, Highway Research Board, National Research Council, Washington, D.C., 1970.
130. M. Wachs and J.L. Schofer, "A Systems Analyst's View of Noise and Urban Planning," presented to the 1970 Symposium of the Chicago Hearing Society; also published as Discussion Paper No. 14, Center for Urban Studies, University of Illinois at Chicago Circle, March 1970; *Journal of the Urban Planning and Development Division, Proceedings*, American Society of Civil Engineers, Vol. 96, No. UP2, October, 1970, PP. 147-159.
131. F.A. Mosillo and J.L. Schofer, "Freshman Engineering Design and the Systems Approach," *ERM*, Published by the Educational Research and Methods Division. American Society for Engineering Education, Vol. 3, No. 1, October, 1970 (pp. 21-33).

132. M. Wachs and J.L. Schofer, "Abstract Goals and Concrete Highways: A Discussion of Goals and Objectives and their Role in the Evaluation of Transportation Plans," *Traffic Quarterly*, January, 1969 (pp. 133-156).
133. G.C. Agarwal and J.L. Schofer, "Systems Teams," *Consulting Engineer*, March, 1968 (pp. 135-139).
134. E.N. Thomas and J.L. Schofer, "Strategies for the Evaluation of Alternative Transportation Plans," in *Urban Transportation Planning*, proceedings of the meeting of the Urban Transportation Planning Committee at the National Meeting of the American Association of State Highway Officials, 1967 (pp. 1-24).
135. J.L. Schofer and M. Wachs, "Strategies for Improving Intra-Urban Goods Movement," *Proceedings, Sesquicentennial Forum, Transportation: A Service*, sponsored by the New York Academy of Science, the American Society of Mechanical Engineers and the Institute of Electrical and Electronic Engineers, New York, August, 1967 (pp. 317-328).
136. E.N. Thomas and J.L. Schofer, "Toward the Development of More Responsive Urban Transportation System Models," *High Speed Ground Transportation Journal*, Vol. 1, No. 2, May, 1967 (pp. 154-201).
137. A.M. Voorhees, S.J. Bellomo, J.L. Schofer and D.E. Cleveland, "Factors in Work Trip Lengths," *Highway Research Record 141*, Highway Research Board, National Research Council, Washington, D.C., 1966 (pp. 24-46).
138. J.L. Schofer, Discussion of paper "High Density Vehicular Flow-Density Relationships" by D. Garcia and J. Jones, in *Journal of Highway Division, Proceedings*, American Society of Civil Engineers, Vol. 92, No. HW2, October, 1966 (pp. 116-117).
139. J.L. Drake, J.L. Schofer and A.D. May, "A Statistical Analysis of Speed-Density Hypotheses," a shortened version in *Proceedings of the Third Annual Symposium on the Theory of Traffic Flow*, Operations Research Society of America, Elsevier Press, 1967; published in full in *Highway Research Record 154*, Highway Research Board, National Research Council, Washington, D.C., 1966 (pp. 53-87).

SELECTED REPORTS

1. Richard A. Raub, J.L. Schofer, *et al.*, "Traffic Control Systems in Construction Workzones," prepared for the Illinois Department of Transportation, 2000

2. Joseph L. Schofer, Robert J. Gordon, Edward J. Czepiel, George Panas, Mark A. Ahasic, "Benefits of General Aviation in the Chicago Region," prepared for the Civic Committee of the Commercial Club of Chicago, May, 2000
3. Joseph L. Schofer and Edward J. Czepiel, "High Occupancy Vehicle Facilities for the Chicago Metropolitan Area: A Review of National Experience, Success Factors and Decisions Issues," prepared for the Metropolitan Planning Council and the Regional Transportation Authority, June, 1999.
4. Christopher L. Saricks, Siim Sööt, Joseph L. Schofer and Joseph F. Ligas, "Estimating Environmental Effects of a Probe Vehicle-Supplemented Traffic Information System with Lessons Learned from the *ADVANCE* Targeted Deployment," *ADVANCE* Project Insights and Achievements White Paper 8465F, 1996.
2. Christopher L. Saricks, Siim Sööt, Joseph L. Schofer and Regina Webster, "Field Data Collection Activities and Experiences in Support of the Formal Evaluation of the *ADVANCE* Targeted Deployment," *ADVANCE* Project Insights and Achievements White Paper 8465D, 1996.
3. Joseph L. Schofer, Frank S. Koppelman, Regina G. Webster, Stanislaw Berka and Tsia-shiou Peng, "Field Test of the Effectiveness of *ADVANCE* Dynamic Route Guidance on a Suburban Arterial Street Network," *ADVANCE* Project Document 8463.01, September 20, 1996.
4. Joseph L. Schofer, Frank S., Koppelman and William A. Charlton, "Familiar Driver Perspectives on *ADVANCE* and Future Dynamic Route Guidance Systems," *ADVANCE* Project Document 8462.01, July 24, 1996.
5. Joseph L. Schofer, Thomas J. Nicarico, Pamela P. Marston, and John Milano, "Recruitment of Volunteer Drivers for *ADVANCE*: Summary of Procedures Followed and Lessons Learned," *ADVANCE* Project Insights and Achievements White Paper 8465G, July 31, 1996.
6. Richard A. Raub, Joseph L. Schofer and Roy E. Lucke, "Handling Incidents on Urban Roadways: A Summary of Issues and Recommendations," Prepared for the Illinois Department of Transportation, February, 1996.
7. Pamela Marston and Joseph L. Schofer, "Challenges in the Recruitment of Drivers for the *ADVANCE* Operational Test," prepared for the *ADVANCE* ITS Project, August, 1995, (URL: <http://beijing.dis.anl.gov/ADVANCE>).
8. Northwestern University Transportation Center and Booz, Allen & Hamilton, Inc., "Dynamic Route Guidance - Yoked Driver Study Evaluation Test Plan," prepared for the *ADVANCE* ITS Project, June, 1995, (URL: <http://beijing.dis.anl.gov/ADVANCE>).

9. Vaneet Sethi, Nikhil Bhandari, Frank S. Koppelman and Joseph L. Schofer, "Updating Anecdotal Algorithm with Initial Field Data," prepared for the *ADVANCE* ITS Project, June, 1995, (URL: [http://beijing.dis.anl.gov/ ADVANCE](http://beijing.dis.anl.gov/ADVANCE)).
10. Rick Laver, Joseph L. Schofer, Chandra R. Bhat, and Frank S. Koppelman, "Study Design for Evaluation of Market Response to *ADVANCE*: Objective, Data Collection, and Evaluation Methodology," prepared for the *ADVANCE* ITS Project, March, 1995, (URL: [http://beijing.dis.anl.gov/ ADVANCE](http://beijing.dis.anl.gov/ADVANCE)).
11. Nikhil Bhandari, Frank S. Koppelman, Joseph L. Schofer and Vaneet Sethi, "Arterial Incident Detection Integrating Data from Multiple Sources," prepared for the *ADVANCE* ITS Project, January, 1995, (URL: <http://beijing.dis.anl.gov/ADVANCE>).
12. Vaneet Sethi, Nikhil Bhandari, Frank S. Koppelman, and Joseph L. Schofer, "Arterial Incident Detection Using Fixed Detector and Probe Vehicle Data," prepared for the *ADVANCE* ITS Project, December, 1994, (URL: <http://beijing.dis.anl.gov/ADVANCE>).
13. Pierre Odent, Joseph L. Schofer and Frank S. Koppelman, "Private Driver Rolling Recruitment Procedure," prepared for the *ADVANCE* ITS Project, August, 1994, (URL: <http://beijing.dis.anl.gov/ADVANCE>).
14. Joseph L. Schofer, Frank S. Koppelman, Chandra R. Bhat, and Saad A. Shbaklo, "Solicitation Procedures for Private Driver Recruitment," prepared for the *ADVANCE* ITS Project, August, 1994, (URL: <http://beijing.dis.anl.gov/ADVANCE>).
15. Frank S. Koppelman, Joseph L. Schofer, Nikhil Bhandari, Vaneet Sethi, and John N. Ivan, "Calibration of Data Fusion Algorithm Parameters with Simulated Data," prepared for the *ADVANCE* ITS Project, June, 1994, (URL: [http://beijing.dis.anl.gov/ ADVANCE](http://beijing.dis.anl.gov/ADVANCE)).
16. Nikhil Bhandari, Frank S. Koppelman, Vaneet Sethi and Joseph L. Schofer, "Revised Documentation of Incident Detection Algorithm," prepared for the *ADVANCE* ITS Project, June, 1994, (URL: [http://beijing.dis.anl.gov /ADVANCE](http://beijing.dis.anl.gov/ADVANCE)).
17. Joseph L. Schofer, "Transit Service Goals, Standards, Markets and Planning," prepared for the Metropolitan Planning Council Regional Transportation Project, March, 1994.
18. Richard Bolczak, Joseph Schofer and Toni Wilbur, "Evaluating the *ADVANCE* Project," prepared for the IVHS America 1993 Annual Meeting, (URL: [http://beijing.dis.anl.gov/ ADVANCE](http://beijing.dis.anl.gov/ADVANCE)).
19. A. Christopher Wilson and Joseph L. Schofer, "Economic Impacts of General Aviation Airports - Case Study: Aurora Municipal Airport," prepared for the Division of Aeronautics, and the Office of Planning and Programming, Illinois Department of Transportation, November, 1991.

20. F.S. Koppelman, J.L. Schofer, and C.R. Bhat, "Market Research Evaluation of Actions to Reduce Suburban Congestion," prepared for the U.S. Department of Transportation, Urban Mass Transportation Administration, September, 1991.
21. D.E. Boyce, J.L. Schofer & Allan Kirson, "Scope, Feasibility and Cost of a Dynamic Route Guidance System Demonstration," prepared for the Illinois Department of Transportation under the auspices of the Illinois Universities Transportation Research Consortium, August, 1990.
22. P.D. Prevedouros and J.L. Schofer, "Demographic, Social, Economic and Cultural Factors Affecting Suburban Congestion," prepared for the Illinois Department of Transportation under the auspices of the Illinois Universities Transportation Research Consortium, January, 1990.
23. F.S. Koppelman, A. Schnaiberg and J.L. Schofer, "Design of a Strategic Market Research Program," prepared for the Regional Transit Authority under the auspices of the Illinois Universities Transportation Research Consortium, August, 1989.
24. J. L. Schofer, *Decision Tools for Transportation Infrastructure Reinvestment: User Guidelines - DSS: Microcomputer Decision Support System*, prepared for the U.S. Department of Transportation, July, 1988.
25. I. Salomon and J.L. Schofer, "Forecasting Telecommunications-Travel Interactions: The Transportation Manager's Perspective," prepared for and presented at the 67th Annual Meeting of the Transportation Research Board, Washington, January, 1988.
26. J.L. Schofer, "Survey of the Impacts of Midtown Manhattan Traffic Restrictions on the Delivery Industry," prepared for the Business Committee on Midtown Traffic, New York City, August, 1987.
27. P.P. Jovanis, K. Bashar, and J.L. Schofer, "The Effects of the Manhattan 49th/50th Street Bus and Taxiway on Vehicular Travel Times," prepared for the Business Committee on Midtown Traffic, New York City, October, 1987.
28. E. Hauser, G. Hicks, E. Morlok, and J.L. Schofer, "Council of University Transportation Centers Survey of Transportation Journals," prepared for the Transportation Research Board and published by the Council of University Transportation Centers, May, 1987; presented at the 67th Annual Meeting of the Transportation Research Board, Washington, January, 1988.
29. J.L. Schofer, "Use of Experimentation to test Transit Innovations," technical report prepared for Midwest System Sciences, Inc., Wilmette, Illinois, December, 1986.
30. J.L. Schofer, "Passenger Transportation in the Chicago Region: Today and Tomorrow," prepared as a part of the Regional Agenda Project for the Metropolitan Planning Council, Chicago, April, 1986.
31. J.L. Schofer, "Incorporating Benefits Analysis into Rail Modernization Decision Making: an Application to Chicago," prepared for the U.S. Urban Mass

- Transportation Administration by the Consortium of Governmental Counselors, Evanston, Illinois, October, 1984.
32. J.L. Schofer, "SAFE Guide to Users," manual and computer software for evaluating highway accident countermeasures, distributed by Midwest System Sciences, Inc., Wilmette, Illinois, 1984, 1985.
 33. M.S. Daskin, J.L. Schofer and A.E. Haghani, "An Optimization-Based Model for Designing and Evaluating Transit Fare Policies," prepared for the Urban Mass Transportation Administration, U.S. Department of Transportation, by the Transportation Center, Northwestern University, May, 1984.
 34. J.L. Schofer, E.T. Haefele, and L. Ritter, "Rail Modernization Benefits Analysis: Identification of Benefits and Beneficiaries," prepared for the Urban Mass Transportation Administration, U.S. Department of Transportation, by the Consortium of Governmental Counselors, Evanston, Illinois, January, 1984.
 35. J.J. Hillman and J.L. Schofer, Editors, *Mass Transportation in the Chicago Metropolitan Region: Prospects and Policy Options*, proceedings of a conference sponsored by the Transportation Center, Northwestern University, April, 1983.
 36. R.L. Peskin, J.L. Schofer, and W. Weisel, "Recent and Proposed Application of an Energy Model with Explicit Urban Land Use/Transportation Relationships," U.S.-Brazilian Workshop on Transportation Energy, Polytechnic Institute of New York, January, 1983.
 37. J.A. Bunch and J.L. Schofer, "Strategies and Options for Development of the Chicago Regional Passenger Transportation Network to the Year 2000," prepared for and published by the Metropolitan Housing and Planning Council of Chicago for its Metropolitan Area Plan for the Year 2000, Report No. 15, July, 1982.
 38. P.P. Jovanis, J.L. Schofer, J. Nitzel and A.F. Daughety, "Economic Benefits of Increasing Allowable Truck Weights in Illinois," Prepared for the Illinois Department of Transportation, April, 1982.
 39. R.M. Michaels and J.L. Schofer, "A Scenario Based Approach to Defining MAP 2000 Transportation Requirements," prepared for and published by the Metropolitan Housing and Planning Council of Chicago for its Metropolitan Area Plan for the Year 2000, Report No. 13, February, 1982.
 40. J.L. Schofer, M.A. Turnquist and S.E. Polzin, "Integrating Project Worthiness into a Cost-Effectiveness Framework for Alternatives Analysis," Final Report, prepared for the Urban Mass Transportation Administration, U.S. Department of Transportation, Washington, D.C., February, 1981.
 41. R.L. Peskin and J.L. Schofer, "The Impacts of Urban Transportation and Land Use Policies on Transportation Energy Consumption," Final Report, Contract No. DOT-OS-50118, U.S. Department of Transportation, Washington, D.C., April, 1977.

42. J.L. Schofer, "Evaluative Measures for the Year 2000 Plan," prepared for the Chicago Area Transportation Study, 1976.
43. R.L. Peskin, J.L. Schofer and P.R. Stopher, "The Immediate Impact of Gasoline Shortages on Urban Travel Behavior," prepared for Federal Highway Administration, U.S. Department of Transportation, January, 1975.
44. D.F. Schulz and J.L. Schofer, "Milwaukee Area Transit Alternatives Study Design," prepared for Milwaukee County, Wisconsin, November, 1974.
45. E.K. Morlok, J.L. Schofer, *et al.*, "Development and Application of a Highway Network Design Model," Transportation Center Research Report prepared for Environmental Planning Branch, Federal Highway Administration, U.S. Department of Transportation, July, 1973 (2 vol.).
46. R. Adams, R. Michaels, J.L. Schofer and P. Watson, "Public Transportation in the Chicago Region: Present Performance and Future Potential," prepared for the commuter railroads of Chicago by the Transportation Center, Northwestern University, 1973.
47. M. Wachs and J.L. Schofer, "Job Accessibility for the Unemployed: An Analysis of Public Transportation in Chicago," prepared for and published by the Mayor's Committee on Economic and Cultural Development, City of Chicago, March, 1972.
48. J.L. Schofer, "Controlling Socio-Technological System: Needs, Problems, and a Response," Discussion Paper No. 13, Center for Urban Studies, University of Illinois at Chicago Circle, February, 1970.
49. J.L. Schofer, C.H.P. Schneider and N.L. Nihan, "Systems Analysis and Social Service Delivery," in *Model County Technical Resources Team*, a report to the Illinois Institute for Social Policy, 1970 (pp. 11.1-11.100).
50. J.L. Schofer and W. Garrison, "Prospects for Innovative Urban Systems Control," Occasional Paper No. 1, Center for Urban Studies, University of Illinois at Chicago Circle, September, 1968.
51. E.N. Thomas and J.L. Schofer, "Introduction to a Systems Approach to Transportation Problems," Transportation Center Research Report, Northwestern University, December, 1966.
52. J.L. Schofer and A.M. Voorhees, "A Modal Split Model," presented to the Origin-Destination Committee, Highway Research Board, National Research Council, Washington, D.C., 1964; also published and distributed as *Technical Report 3, Erie Transportation Study*, Alan Voorhees & Associates, Washington, D.C., 1964.

REVIEWS

JOSEPH L. SCHOFER

J.L. Schofer, Review of *Urban Transportation Planning*, by R.L. Creighton, in *Journal of Regional Science*, Vol. II, No. 2, August, 1973.

J.L. Schofer, Review of *Selected Proceedings of a Conference on Methods and Concepts of Forecasting Travel demand for Future Transportation*, Transportation Studies Center, University of Pennsylvania; in *Transportation*, Vol. 2, No. 2, July, 1973.

J.L. Schofer, Review of Symposium Proceedings, *Urban Traffic Models*, in *Transportation*, Vol. 1, No. 2, August, 1972.

J.L. Schofer, Review of Symposium Proceedings, *Traffic Outside Towns*, in *Transportation*, Vol. 1, No. 1, May, 1972.

May 11, 2012