Intercity Passenger Travel: Opportunities and Issues in Short-haul Markets

Committee

Martin Wachs

Chair

Martin Wachs is Senior Principal Researcher at the RAND Corporation and a professor at the Pardee RAND Graduate School. He formerly served as Director of the RAND Transportation, Space, and Technology Program. Prior to joining RAND in 2005, he was professor of civil and environmental engineering and professor of city and regional planning at the University of California, Berkeley, where was also director of the Institute of Transportation Studies. Prior to joining the faculty at Berkeley, he spent 25 years at UCLA, where he served three terms as chairman of the Department of Urban Planning. He is author of more than 150 articles and four books on subjects related to the relationships between transportation, land use, and air quality; transportation needs of the elderly; techniques for the evaluation of transportation systems; and the use of performance measurement in transportation planning. His research also addresses issues of equity in transportation policy, problems of crime in public transit systems, and the response of transportation systems to natural disasters, including earthquakes. His most recent work focuses on transportation finance in relation to planning and policy. He has chaired many TRB study committees, including the Committee for the Evaluation of the Congestion Mitigation and Air Quality Improvement Program, the Committee for a Study of Urban Transportation Congestion Pricing, and the Committee on Determination of the State of the Practice in Metropolitan Area Travel Forecasting. He has served on many other TRB committees, including the TRB Executive Committee, which he chaired in 2000. He holds a bachelor’s degree in civil engineering from the City University of New York and a master’s degree and Ph.D. in transportation planning from Northwestern University.

J. B. Barker

Member

J. Barry Barker is Executive Director of the Transit Authority of River City in Louisville, Kentucky. He was previously General Manager of Metro in Akron, Ohio, and Assistant General Manager for Marketing and Management for the Greater Cleveland Regional Transit Authority. He is a former chair of the Transit Cooperative Research Program (TCRP) Oversight and Project Selection Committee, has served on several TCRP panels, and was a member of the NRC Committee for a Study of Contracting Out Transit Services. He has chaired the National Transit Institute Board and served on the Easter Seals/Project Action National Steering Committee, the TRB Executive Committee, and the Subcommittee on Planning and Policy Review. He is currently chairman of TRB's Transit Research Analysis Committee. He is a National Associate of the National Academies and recipient of the 2012 Sharon D. Banks Award for Humanitarian Leadership in Transportation. He earned a bachelor's degree in engineering from Case Western Reserve University and a master's degree in public administration from Cleveland State University.

John C. Bennett

Member

John C. Bennett has more than four decades of experience in rail and public transportation policy and planning analysis. He retired from Amtrak as Assistant Vice President for Policy Management in 2011. He held several other executive positions at Amtrak, including Assistant Vice President for Policy Standards and Business Integration and Vice President for Transportation Planning and Policy for the Northeast Corridor. His experience includes strategic planning for intercity railroads and commuter railroads in the private and public sectors. He also has extensive experience in capital program management. While at Amtrak, he aided in the development of the Northeast Corridor Strategic Business Unit's Strategic Plan, which supported development of higher-speed rail service in the corridor. Most recently, he led the development of the congressionally mandated report that defined the scope, funding, and schedule for completion of improvements to Amtrak's 427 stations that require compliance with the Americans with Disability Act. Prior to joining Amtrak, he was Vice President of Infrastructure and Systems at the Long Island Rail Road and worked for the consulting firms KPMG-Peat Marwick and Booz Allen Hamilton. He was a member of the Passenger Rail Working Group of the National Surface Transportation Policy and Revenue Study Commission. He holds bachelor's and master's degrees in civil engineering from the University of California, Berkeley.

Alan J. Bing

Member

Alan J. Bing is an independent transportation consultant specializing in railroad technology and safety, and with particular expertise in shared passenger and freight operations. Prior to becoming an independent consultant in 2011, he was a Technical Specialist at ICF International, joining that firm in 2002 as part of their acquisition of Arthur D. Little's Environment and Risk Group. His consulting interests encompass many aspects of operations, maintenance, management, and technology of railroads and rail transit systems, as well as business and institutional issues associated with rail and its modal competitors. He worked at the British Rail Research and Development Department for ten years on analysis, design, and testing of innovative freight and passenger vehicles, followed by a period at the U.S. Department of Transportation's Transportation Test Center at Pueblo Colorado. Most recently, he has been a leader in applying risk analysis and management techniques to transportation safety issues, combining risk assessment methodologies with transportation engineering, equipment, and operations. He has led or contributed to projects analyzing the safety of innovative rail train control systems, operations, and safety issues when associated with shared light rail and rail freight operations. He has served TRB as chair of the Committee on Passenger Rail Equipment and Systems Integration, member of the High Speed Rail IDEA Program Committee, and chair of the Committee to Review Federal Railroad R&D Programs. He holds a B.S. degree and Ph.D. in mechanical engineering from the University of Nottingham, U.K.

Matthew A. Coogan

Member

Matthew A. Coogan is an independent consultant and director of the New England Transportation Institute. His expertise is in transportation behavior and intermodal transportation planning, specializing in the deployment of new transportation technologies. He has served as principal investigator for numerous studies of high-speed rail, conventional rail, aviation, and highway intercity travel. From 1983 to 1991, he was Undersecretary for Transportation for Massachusetts, where he was project director for the Central Artery Third Harbor Tunnel Project and co-chairman of the Council of Northeast Governors High Speed Rail Task Force. From 1973 to 1979 he was Assistant Secretary of Transportation and from 1979 to 1983 he was Senior Project Coordinator for the Boston Redevelopment Authority. He served as a member of the TRB Committee for a Study of High-Speed Surface Transportation in the United States and the Committee for the Critique of the Federal Research Program on Magnetic Levitation Systems. He holds a bachelor's degree from Harvard University.

Thomas B. Deen

Member

Thomas B. Deen (NAE) is former Executive Director of TRB, a position he held from 1980 to 1994. Prior to joining TRB, he was Chairman and President of PRC-Voorhees, a transportation engineering and consulting company with clients worldwide. He served as chief planner of the Washington Metro subway system during its development in the 1970s. His areas of expertise are surface transportation technology, performance, economics, finance, planning, and political feasibility. Since retiring from TRB, he has served on numerous NRC Committees including the Committee on the Federal Funding of Transportation Improvements in BRAC Cases, the Committee for the Strategic Highway Research Program 2, the Committee on Determination of the State of the Practice in Metropolitan Area Travel Forecasting, and the Committee for a Study on Transportation and a Sustainable Environment. He earned a bachelor's degree in civil engineering from the University of Kentucky.

Genevieve Giuliano

Member

Genevieve Giuliano is Professor and Senior Associate Dean of Research and Technology in the Sol Price School of Public Policy, University of Southern California (USC). She is also Director of the METRANS joint USC and California State University at Long Beach Transportation Center. In 2009 she was named the Margaret and John Ferraro Chair in Effective Local Government for her work in regional transportation policy. Her research focuses on the relationships between land use and transportation, transportation policy analysis, and information technology applications in transportation. She has published more than 150 papers on these and other topics. She serves on the editorial boards of Urban Studies and the Journal of Transport Policy. She is a past chair of the TRB Executive Committee and was named a National Associate of the National Academies in 2003. She has received several awards, most recently the Distinguished Researcher award from Transportation Research Forum. She has served on numerous TRB and NRC committees, including the Panel on Mitigation for America's Climate Choices.

Mark Hansen

Member

Mark Hansen is Professor in the Department of Civil and Environmental Engineering at the University of California, Berkeley, and co-director of National Center for Excellence in Aviation Operations Research. His research interests include transportation economics, policy and planning, air transportation, and public transportation. He has written extensively on air transportation network flows, the impact of aircraft size on airline demand and market share, and aviation delays and operational performance. He was a member of the TRB Committee on Airfield and Airspace Capacity and Delay. He earned a bachelor's degree in physics and philosophy from Yale University and a master's degree in city planning and a Ph.D. in transportation engineering from the University of California, Berkeley.

Keith L. Killough

Member

Keith L. Killough is Assistant Director for Travel Demand Modeling and Analysis and Chief of the Multimodal Planning Division of the Arizona Department of Transportation. Before joining the state transportation department in 2008, he was Director of Information Services for the Southern California Association of Governments (SCAG), responsible for implementing travel simulation models and applying quantitative analyses to support regional transportation and air quality management planning. Before joining SCAG, he was owner of a consulting company specializing in transportation planning and modeling. Previously, he was Deputy Director for Countywide Planning for the Los Angeles County Metropolitan Transit Authority. He has also worked for the Southern California Rapid Transit District, heading the Planning and Policy Analysis Section. He currently chairs the TRB Joint Subcommittee on Statewide Travel Demand Forecasting and the National Cooperative Highway Research Program (NCHRP) Panel on Long-Distance and Rural Travel Transferable Parameters for Statewide Travel Forecasting Models. He was a member of the TRB Committee for Review of Travel Demand Modeling by the Metropolitan Washington Council of Governments. He earned a bachelor's degree in urban studies and planning from MIT.

Charles F. Manski

Member

Charles F. Manski (NAS) has been Board of Trustees Professor in Economics at Northwestern University since 1997. He previously was a faculty member at the University of Wisconsin-Madison, the Hebrew University of Jerusalem, and Carnegie Mellon University. His research spans econometrics, judgment and decision, and the analysis of social policy. He is author of Identification for Prediction and Decision (Harvard 2007), Social Choice with Partial Knowledge of Treatment Response (Princeton 2005), Partial Identification of Probability Distributions (Springer 2003), Identification Problems in the Social Sciences (Harvard 1995), and Analog Estimation Methods in Econometrics (Chapman & Hall 1988). He is also co-author of College Choice in America (Harvard 1983) and co-editor of Evaluating Welfare and Training Programs (Harvard 1992) and Structural Analysis of Discrete Data with Econometric Applications (MIT 1981). He is member of the DBASSE Committee on Law and Justice. He is a member of the National Academy of Sciences, Fellow of the Econometric Society, Fellow of the American Academy of Arts and Sciences, and Fellow of the American Association for the Advancement of Science. He holds a bachelor's degree and Ph.D. in economics from M.I.T.

Nancy A. McGuckin

Member

Nancy A. McGuckin is an independent consultant with expertise in travel behavior. She recently completed forecasts of travel by older Americans, migration and immigration patterns and trends, and non-work travel for the National Surface Transportation Policy and Revenue Study Commission. She previously worked for the Barton-Aschman and Parsons Transportation Group developing travel and ridership forecasts for major investment studies, including high-speed rail systems in Shanghai, San Juan, and Bangkok. She specializes in social and demographic indicators of travel demand, and integrates data from safety, health, economic, energy, time-use, and other pertinent sources to develop the context for planning and policy initiatives. She has extensive experience working with large national databases, including the National Household Travel Survey, American Travel Survey, American Housing Survey, and American Time Use Survey. She earned a bachelor's degree in geography and political science from the University of Texas at Austin.

Paul F. Morris

Member

Paul F. Morris is Deputy Secretary of the North Carolina Department of Transportation (NCDOT), where he is responsible for administering the non-highway modal divisions, including rail and transit. In this position, he serves as NCDOT's central point of contact for transportation initiatives involving the North Carolina Railroad and the Ports Authority. Before being appointed to this position in 2011, he was president of Greenleaf Strategies LLC, and before that he was Executive Vice President and Global Director of Strategic Consulting and Sustainability for Parsons Brinckerhoff, Inc. He was a member of the city of Raleigh's Passenger Rail Task Force, charged with advising the city council on intercity passenger rail service to the city. He earned a bachelor's degree from the University of Oregon.

Christopher A. Nash

Member

Christopher A. Nash is Research Professor in the Institute for Transport Studies, University of Leeds. His research interests are in rail transport, transport pricing, and transport externalities. He has written extensively on rail passenger transportation, including high-speed rail. He has been on the faculty of the University of Leeds since 1975 and previously at the University of Southampton. He has acted as advisor to many bodies, including the European Commission High Level Group on Transport Infrastructure Charging, the European Union Committee of the House of Lords, the Transport Committee of the House of Commons, and the Railways Group of the European Conference of Ministers of Transport. He is a member of the Editorial Board of the Journal of Transport Policy and Economics, the South African Journal of Transportation and Supply Chain Management, the International Journal of Transport Economics, and the International Journal of Green Economics. He earned a Ph.D. in transport economics.

Clinton V. Oster, Jr.

Member

Clinton V. Oster, Jr. is Professor Emeritus and former Associate Dean for Bloomington Programs at the School of Public and Environmental Affairs, Indiana University. His research has centered on aviation safety, airline economics and competition policy, energy policy, and environmental and natural resource policy. He has co-authored five books on various aspects of air transportation including Deregulation and the Future of Intercity Passenger Travel with John Meyer, and Managing the Skies: Public Policy, Organization, and Financing of Air Navigation with John Strong. He has chaired and served on numerous NRC committees, including chair of the Committee for the Study of Traffic Safety Lessons from Benchmark Nations, chair of the Committee on the Federal Employers' Liability Act, chair of the Committee on the Effects of Commuting on Pilot Fatigue, and co-chair of the Committee on NASA's National Aviation Operational Monitoring Service Project. He was a member of the Committee for Guidance on Setting and Enforcing Speed Limits and the Committee for a Study on Air Passenger Service and Safety since Deregulation. He holds a bachelor’s degree in engineering from Princeton University, master’s degree in public affairs from Carnegie-Mellon University, and Ph.D. in economics from Harvard University.

Joseph P. Schwieterman

Member

Joseph P. Schwieterman is Director of DePaul University’s Chaddick Institute for Metropolitan Development, which promotes effective urban planning. His research and professional interests are in public policy, transportation, urban planning, geographic information systems, and economics. He has published extensively on the economics of intercity transportation. He recently authored a book on the abandonment of American railroads, When the Railroad Leaves Town, and led student researchers in an analysis of intercity bus usage. The latter research led to the influential paper “The Intercity Bus: America’s Fastest Growing Transportation Mode,” which was reported in the Chicago Tribune as an article “Get on the Bus” (December 24, 2007). He is a long-standing contributor to TRB, having served on the Aviation Economics and Forecasting Committee. He earned a bachelor’s degree in industrial management from Purdue University, master’s degree in transportation from Northwestern University, and Ph.D. in public policy from the University of Chicago.

Katherine F. Turnbull

Member

Katherine F. Turnbull is an Associate Director of the Texas Transportation Institute of the Texas A&M University System, where she heads the System Planning, Policy, and Environment Research Group. In addition, she is a Visiting Assistant Professor in the Department of Landscape Architecture and Urban Planning at Texas A&M University. Her research focuses on transit, transportation planning, travel demand management, and intelligent transportation systems. She is active in TRB and the Institute of Transportation Engineers (ITE). She is past chair of TRB's Planning and Environment Group and served as chair of the High-Occupancy Vehicle Committee for 6 years. She was a member of the TRB Committee for the Evaluation of the Congestion Mitigation and Air Quality Improvement Program and chair of the Steering Committee for the Conference on Travel Demand Management Innovation and Research. She is currently chair of the Institute of Transportation Engineers (ITE) Transit Council and a member of the ITS America Coordinating Council. She holds a bachelor's degree from the University of Minnesota, master's degree from the University of Wisconsin, and Ph.D. in urban and regional science from Texas A&M University.