

NEWS



TRANSPORTATION RESEARCH BOARD

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For Immediate Release
Press Release

2014 Officers and New Members of TRB Executive Committee Announced

Kirk T. Steudle, Director of the Michigan Department of Transportation (MDOT), is the Committee's 2014 Chair. **Daniel Sperling**, Professor of Civil Engineering and Environmental Science and Policy, and founding Director of the Institute of Transportation Studies at the University of California, Davis, is the Committee's 2014 Vice Chair. Steudle and Sperling will serve one-year terms in these offices, beginning January 16, 2014.

Newly appointed members of the Executive Committee are

A. Stewart Fotheringham, Director, Centre for GeoInformatics, and Professor, Human Geography, School of Geography and Geosciences, University of St. Andrews, Scotland, United Kingdom; and **Abbas Mohaddes**, President and Chief Executive Officer, Iteris, Inc.

Reappointed members of the Executive Committee are

James M. Crites, Executive Vice President, Operations Division of Dallas/Fort Worth International Airport; **Michael W. Hancock**, Secretary, Kentucky Transportation Cabinet; **Michael P. Lewis**, Director, Rhode Island Department of Transportation; **Joan McDonald**, Commissioner, New York State Department of Transportation; and **Kumares C. Sinha**, Edgar B. and Hedwig M. Olson Distinguished Professor of Civil Engineering, Purdue University.

Newly appointed and reappointed members of the Executive Committee will serve three-year terms, beginning January 16, 2014.

Organized in 1920, TRB is one of six major divisions of the National Research Council (NRC)—a private, nonprofit institution that is the principal operating agency of the National Academies in providing services to the government, the public, and the scientific and engineering communities. The NRC is jointly administered by the National Academy of Sciences (NAS), the National Academy of Engineering (NAE), and the Institute of Medicine (IOM). The TRB Executive Committee, whose members are appointed by the NRC chairman, exercises oversight responsibility for the Board's programs and activities. Members include senior transportation industry executives, top officials of public-sector transportation agencies, and distinguished researchers from academia.

The mission of the Transportation Research Board is to provide leadership in transportation innovation

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and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal. TRB facilitates the sharing of information on transportation practice and policy by researchers and practitioners; stimulates research and provides research management services that promote technical excellence; provides expert advice on transportation policy and programs; and disseminates research results broadly and encourages their implementation.

TRB's varied activities annually engage more than 7,000 engineers, scientists, and other transportation researchers and practitioners from the public and private sectors and academia, all of whom contribute their expertise in the public interest by participating on TRB committees, panels, and task forces. TRB is supported by state transportation departments, federal agencies including the component administrations of the U.S. Department of Transportation, and other organizations and individuals interested in the development of transportation.

2014 TRB Executive Committee Officers

Kirk T. Steudle is the director of the Michigan Department of Transportation. As director, he is engaged in all aspects of transportation in the state of Michigan. He is a past president of the American Association of State Highway and Transportation Officials (AASHTO) and is a member of the AASHTO Executive Committee. He is vice president for the Intelligent Transportation Society of America (ITSA) Board of Directors and is also a member of the Intelligent Transportation Systems (ITS) Program Advisory Committee to the U.S. Department of Transportation. He is a national expert in connected vehicle technologies, a high-tech highway operations technology that enables vehicles to communicate with roads and each other to improve safety and mobility. Steudle is a graduate of Lawrence Technological University, where he received a bachelor of science degree in construction engineering. He is a registered professional engineer in Michigan.

Daniel Sperling is a professor of civil engineering and environmental science and policy, and founding director of the Institute of Transportation Studies at the University of California, Davis, where he has been a member of the faculty since 1982. He is a leading international expert on transportation technology assessment, energy and environmental aspects of transportation, and transportation and climate policy. He has authored and co-authored more than 200 technical papers and 12 books, including *Two Billion Cars* (Oxford University Press, 2009) and *Driving Climate Change: Cutting Carbon from Transportation* (Elsevier 2007). He received the 2013 Blue Planet Prize for being "a pioneer in opening up new fields of study to create more efficient, low-carbon, and environmentally beneficial transportation systems". Sperling is an expert on public policy aspects of sustainable transportation, and he was appointed by Governor Schwarzenegger to the California Air Resources Board in 2007. He has served on 13 National Research Council committees, was founding chair of the TRB committee on Alternative Transportation Fuels, and first chair of the TRB committee on sustainable transportation. Sperling received a bachelor of science degree from Cornell University and a Ph.D. in transportation engineering from the University of California, Berkeley.

Newly Appointed TRB Executive Committee Members

A. Stewart Fotheringham is director of the Centre for GeoInformatics and Professor of Human Geography in the School of Geography and Geosciences at the University of St. Andrews, Scotland, United Kingdom. He previously held positions as the Science Foundation Ireland Research Professor and director of the National Centre for Geocomputation at the National University of Ireland in Maynooth; professor of Human Geography at the University of Newcastle; professor at the State University of New York at Buffalo; associate professor at the University of Florida; and assistant professor at Indiana University. He is an expert in geographic information science, spatial data

analysis, and spatial modeling. Fotheringham has been actively involved with large geographic information system (GIS)-based initiatives in the United States, Canada, the United Kingdom, and Ireland. His research expertise is in the analysis of spatial data and in particular, the local modeling of spatial relationships with geographically weighted regression. He co-authored software in his area of expertise that has been distributed to a wide variety of agencies and individuals. Fotheringham is a founding editor of *Transactions in GIS* and is on the editorial board of eight other journals. He has co-authored or co-edited 12 books including *Quantitative Geography: Perspectives on Spatial Data Analysis* and *Geographically Weighted Regression: An Analysis of Spatially Varying Relationships*. He has published 36 book chapters and more than 100 journal articles. He received his bachelor of science degree from Aberdeen University, Scotland, United Kingdom; and a master's degree and Ph.D. from McMaster University, Canada.

Abbas Mohaddes has served as president and chief executive officer (CEO) of Iteris, Inc. and a member of Iteris' board of directors. Mohaddes is co-founder and past president and CEO of Meyer, Mohaddes Associates, Inc., an intelligent transportation systems (ITS) and transportation firm that was acquired by Iteris in 1998. Mohaddes is an internationally recognized expert in ITS and has published or made more than 60 articles and presentations at ITS and transportation engineering professional societies world-wide. He is also a founding member and past chairman of the board of ITS America (ITSA) and a member of the board of directors for the International Road Federation. Mohaddes is a member of the Advisory Council for the "Center of Excellence," a collaborative effort ITSA, the Institute of Transportation Engineers, and the American Association of State Highway and Transportation Officials that addresses operations and maintenance of traffic control and ITS systems. In addition, Mohaddes has served on the TRB standing committee on Traffic Flow Theory and Characteristics. He also co-authored the *Traffic Control Systems Handbook* for the Federal Highway Administration. He received his bachelor of science degree in civil engineering and a master's of science degree in transportation engineering from the University of Nebraska.

Reappointed TRB Executive Committee Members

James M. Crites is the executive vice president for the Operations Division of Dallas/Fort Worth International Airport. He oversees the activities of Airport Operations, Airport Maintenance, Customer Service, Department of Public Safety, and Environmental Affairs. Crites joined the staff at Dallas/Fort Worth International Airport in 1995 as the director of Planning and Marketing Support. He provided key leadership in planning and support for development of facilities, identification and assessment of business opportunities, and development of marketing strategies as part of the Airport Development Plan. He also acted as the focal point for division- and board-wide development of the facility master plan, the long- and short-term business plan and specific marketing strategy for the Dallas/Fort Worth International Airport. From 1987 until joining the airport staff, Crites held several key management positions at American Airlines, Inc. which included responsibility for development of all policies and procedures for American's worldwide field operations. Additionally, he led the development of American's "Airport Services Technology Initiative" designed to identify and implement automation opportunities to facilitate passenger processing while reducing operation costs. He received a bachelor of science degree from the University of Illinois.

Michael W. Hancock is Secretary of the Kentucky Transportation Cabinet. He previously served as Chief of Staff to two former transportation secretaries and also served as State Highway Engineer in Kentucky. His experience with the Cabinet includes 10 years in rural and urban transportation planning, 10 years leading the Cabinet's program management function, and eight years as Deputy State Highway Engineer for Program Planning and Management. He recently served as president of the Southeastern Association of State Highway and Transportation Officials (SASHTO) and has been a

member of the Board of Directors of the American Association of State Highway and Transportation Officials (AASHTO) since 2009. Hancock currently serves as President of AASHTO and as Chairman of the AASHTO Standing Committee on Planning.

Michael P. Lewis has been director of the Rhode Island Department of Transportation since 2008. He serves as a board member of the Rhode Island Public Transit Authority and the Rhode Island Turnpike and Bridge Authority. He is also chair of the Rhode Island Public Rail Corporation. He began his career in 1984 with the Massachusetts Department of Public Works. From 2000 to 2007 Lewis served with the Massachusetts Turnpike Authority where he was project director of the Boston Central Artery and Tunnel Project, the \$14.8 billion “Big Dig”. He is the Immediate Past President of the American Association of State Highway and Transportation Officials (AASHTO) and serves as the chair of AASHTO’s Standing Committee on Highways (SCOH). Lewis is currently a member of TRB’s second Strategic Highway Research Program (SHRP 2) Oversight Committee and is a member of the Northeast Corridor Commission. He received a bachelor of science degree in civil engineering from the University of Vermont.

Joan McDonald has been commissioner of the New York State Department of Transportation since January 2011. Prior to assuming this position, she served as the commissioner of the Department of Economic and Community Development for the state of Connecticut and as chair of Connecticut Innovations, an authority providing venture capital to high-tech start-up companies. McDonald was the senior vice president of transportation for the New York City Economic Development Corporation. Her private-sector experience includes five years as the vice president in charge of New York and New Jersey at Jacobs Engineering. McDonald was deputy commissioner for Planning and Traffic Operations at the New York City Department of Transportation from 1995 to 1998 and previously served as director of capital and long range planning for the Metropolitan Transit Authority Metro-North Railroad. She also served as special assistant to the speaker of the New York State Assembly. McDonald began her career in public service with the New York State Assembly, serving in various capacities on the Ways and Means and House Operations Committees, including deputy budget director and assistant director of research. McDonald received a bachelor’s degree in English from LeMoyne College in Syracuse, New York, and a master’s degree in public administration from the John F. Kennedy School of Government at Harvard University.

Dr. Kumares C. Sinha is the Edgar B. and Hedwig M. Olson Distinguished Professor of Civil Engineering, Purdue University. He has been active in teaching, research, and practice for more than four decades in the areas of transportation systems analysis, economics and management, and safety as well as in urban and regional planning. He is the co-author of *Transportation Decision Making: Principles of Project Evaluation and Programming*. Sinha has been a consultant for the World Bank on transportation and infrastructure issues. He served as the president of the Transportation and Development Institute of the American Society of Civil Engineers (ASCE) and is currently the Editor-in-Chief of the *Journal of Transportation Engineering*. Sinha is a registered professional engineer, honorary member of ASCE, and member of the U.S. National Academy of Engineering. He was honored for his outstanding leadership in transportation research and education in 2009 with receipt of TRB’s Roy W. Crum Distinguished Service Award. Sinha received two bachelor of science degrees—one in civil engineering from Jadavpur University and one in town and regional planning from Calcutta University; a master’s degree in municipal engineering from the University of Connecticut; and a Ph.D. in transportation engineering from the University of Connecticut.

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