

CURRICULUM VITAE: **LINDSEY K. MORSE AICP**

Career Summary

Lindsey Morse is a Senior Research Associate of the Railway and Transport Strategy Centre at Imperial College London. She is responsible for managing the American Bus Benchmarking Group, one of several public transport benchmarking groups, and supporting its international counterpart, the International Bus Benchmarking Group. She analyses and manages bus benchmarking data and delivers research studies to identify and recommend good practices for the metro, bus, and suburban rail operators of major cities. Her research has a focus on benchmarking demand-response services for people with disabilities (referred to as paratransit in North America).

Prior to joining the RTSC, Lindsey worked as a community planner at the Volpe National Transportation Systems Center, a research and consulting agency of the U.S. Department of Transportation, in Cambridge, MA, USA. At the Volpe Center, she managed or co-led projects for federal land agencies (National Park Service, U.S. Forest Service, and U.S. Fish & Wildlife Service) and transportation agencies (Federal Transit and Highway Administrations) on topics such as multi-modal transportation systems, climate change, and public health, at the local and national scale.

Education

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| 2006-2008 | Master in Urban Planning with Distinction – Concentration in Transportation & Infrastructure. Harvard University Graduate School of Design (GSD), Cambridge, Massachusetts, USA |
| 2003-2005 | A.B. magna cum laude in Social Studies. Certificate in Health Policy. Harvard University, Cambridge, Massachusetts, USA |
| 2001-2003 | Majored in Policy Analysis and Management, Concentration in Health. Cornell University, College of Human Ecology, Ithaca, New York, USA |
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Key Skills and Research Areas

- International and U.S. bus and paratransit benchmarking
 - Transportation planning and related intersections (e.g., climate change, public health)
 - Project management
 - Stakeholder engagement
 - Development of policy and planning documents
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Selected Projects

2015-present (Ongoing) – American Bus Benchmarking Group

Management of a consortia of 20 public transit agencies in the U.S. Maintenance of customer relationships, oversight of logistics (website, meetings, program of activities), and development of research and data deliverables for performance benchmarking for fixed route and paratransit service.

2014-present (Ongoing) – Bus Benchmarking Performance Indicators

Data management and analysis for annual Key Performance Indicator benchmarking study for the International Bus Benchmarking Group and American Bus Benchmarking Group, including both fixed route and paratransit services.

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2015 – Customer Safety and Security Initiatives

Researching initiatives that suburban railways have implemented to address customer safety and security, both actual and perceived. Explored staffing, infrastructure, and communication strategies, including partnerships with public police and closed-circuit television technology use. Documented top issues, performance measurement, and the relationship between actual and perceived safety and security, customer satisfaction, and demand.

2014 – Planning and Execution of Major Events

Researching the good practices of metros that have successfully delivered major events. Explored issues including capital investment planning, demand forecasting, maintenance and incident management prior to and during an event, passenger information and flow management, and legacy.

2014 – Management of Premium Bus Services

Examining the types of premium services being offered by bus companies (BHLS/BRT, Express, Airport, and Specially Marketed High Frequency Networks), including the goals, operational characteristics, and evaluation and measurement of results.

2012-2013 – U.S. Forest Service Transportation Program Development

Assisted the U.S. Forest Service in developing its strategy for transportation, including asset management, long-range transportation planning, and prioritization of funding for projects.

2011-2012 – Climate Change, Transportation, and Scenario Planning

Worked on two pilot projects to incorporate climate change considerations for transportation into metropolitan/regional transportation planning using scenario planning. Included interagency coordination, data availability assessment, and geospatial analysis.

Publications & Presentations

Morse L, Trompet M, Barron A, et al., 2017, Development of a key performance indicator system to benchmark relative paratransit performance, *Transportation Research Record*, Vol:2650, ISSN:0361-1981, Pages:1-8.

Rasmussen, B., **Morse, L.**, and Perlman, D. Climate Change Scenario Planning: The Cape Cod Pilot Project. *TR News*, July-August 2012, Number 281. Transportation Research Board.

U.S. GOVERNMENT PUBLICATIONS

Metropolitan Area Transportation Planning for Healthy Communities. December 2012. DOT-VNTSC-FHWA-13-01.

A Framework for Considering Climate Change in Transportation and Land Use Scenario Planning: Lessons Learned from an Interagency Pilot Project on Cape Cod: Final Report. March 2012. FHWA-HEP-12-028 and NPS 609 /108334.

Transit at the Table III: A Guide to Effective Participation in Statewide Decisionmaking for Transit Agencies in Non-Urbanized Areas. September 2011. FTA MA-27-1013 / DOT-VNTSC-FTA-11-04.

CONFERENCE PRESENTATIONS

“Development of Key Performance Indicator System to Benchmark Relative Performance in Paratransit Management and Operations Between U.S. Transit Agencies.” Presentation 17-01548, Session 673: Improving Paratransit Service through Technology and Monitoring. Transportation Research Board 96th Annual Meeting. Washington, DC. January 10, 2017.

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“Transportation planning for healthy communities: Best practices from regions and states.” 141st American Public Health Association Annual Meeting and Expo. Boston, MA. November 5, 2013.

“Model for Interagency Collaboration on Planning for Climate Change: Cape Cod Pilot.” Federal Planning Division Regional Workshop: Interagency Collaboration for Sustainable Landscapes. Denver, CO. November 9, 2011.

“Rolling Climate Change, Transportation & Land Use Planning into One Innovative Process.” Panel Discussion. 2011 Southern New England American Planning Association Conference. Providence, RI. October 21, 2011.

“Interagency Transportation, Land Use, and Climate Change Project.” Panel Discussion on Aviation Adaptation Planning. 2011 Mid-Year Meeting and Aviation Adaptation Planning Workshop. Transportation Research Board AV030 Environmental Impacts of Aviation Committee. Woods Hole, MA. May 19, 2011.

“Interagency Climate Change Project: Cape Cod.” Panel Discussion. 2011 American Planning Association Federal Planning Division Training Conference. Boston, MA. April 7, 2011.

“Rural Transit, Public Lands, and Coastal Communities.” 19th National Conference on Rural Public and Intercity Bus Transportation (Transportation Research Board Committee AP055). Burlington, VT. October 25, 2010.

“Tourism, Barrier Island Dynamics, and Multi-agency Transportation Issues at the Chincoteague National Wildlife Refuge and Assateague Island National Seashore.” 12th National Tools of the Trade Conference (Transportation Research Board Committee ADA 30 Small and Medium Sized Communities). Williamsburg, VA. September 24, 2010.

OTHER PUBLICATIONS

Jaycox L., **Morse L.**, Tanielian T., Stein B. How Schools Can Help Students Recover From Traumatic Experiences: A Tool Kit for Supporting Long-Term Recovery, RAND Corporation, TR-413-RC, 2006.

Mattke, S., Martorell, F., Sharma, P., **Morse, L.**, Lurie, N., Lara, M. Estimating the Impact of Improving Asthma Treatment: A Review and Synthesis of the Literature, RAND Corporation, WR-448-MCAN, 2006.

Wynn, B., Guarino, C., **Morse, L.**, Cho, M. Alternative Ways of Financing Graduate Medical Education, RAND Corporation, WR-369-ASPE, 2006.

Professional Associations

2016-present (ongoing) Member / Committee Communications Coordinator, Transportation Research Board Committee on Paratransit (AP060)

2014-present (ongoing) Member, Board of Directors, Women in Transport

2011-present (ongoing) Member, American Institute of Certified Planners (AICP)