

Time	Paper Title	Session # / Type	Lead Author	NITC campus	Location
Sunday, Jan. 12					
9:00 a.m.	Traffic Impact Estimation	125 / W	Kristina Marie Currans	PSU	Shoreham, Empire
9:00 a.m.	Academic Perspective	107 / W	Richard Jon Porter	Utah	Marriott, Madison A
9:00 a.m.	Portland Metro Performance Measurement	110 / W	Robert Lawrence Bertini	PSU	Marriott, Washington B4
1:30 p.m.	Part 1: Past and Present Considerations: Panel Discussion	177 / W	Robert Lawrence Bertini	PSU	Marriott, Washington B4
Monday, Jan. 13					
8:00 a.m.	Cracking Behavior from Accelerated Internal Expansion on Concrete Patch Repairs	220 / L	Min Ook Kim	Utah	Marriott, Virginia B
8:00 a.m.	Benefit-Cost Evaluation Method for Transit Stop Removal	241 / L	Zef Wagner	PSU	Hilton, Jefferson East
8:30 a.m.	Social Equity in Distance-Based Transit Fares	258 / P	Steven Farber	Utah	Hilton, International Ctr.
10:15 a.m.	Investigation of ESALs Versus Load Spectra for Rigid Pavement Design	296 / L	Amanda Bordelon	Utah	Hilton, Columbia Hall 8
10:45 a.m.	Assessment of Impacts of Increased Train Frequency and Predictive Transit Priority on a LRT Corridor in Salt Lake City	326 / P	Milan Zlatkovic	Utah	Hilton, International Ctr.
1:30 p.m.	Inaccessible Accessibility: Low-Income Movers and Barriers to the New American Dream	360 / L	Arlie Adkins	PSU	Hilton, Georgetown West
2:00 p.m.	Arriving Next on Track 1: Online Geospatial Transit Performance Data Archive	385 / P	Jonathan Makler	PSU	Hilton, International Ctr.
2:00 p.m.	Travel Mode Imputation Using GPS and Accelerometer Data from a Multiday Travel Survey	378 / P	Joseph Broach	PSU	Hilton, International Ctr.
2:00 p.m.	Comparison of Nonmotorized and Motorized Traffic Patterns	380 / P	Krista Nordback	PSU	Hilton, International Ctr.
3:45 p.m.	Identification and Characterization of PM2.5 and VOC Emission Hot Spots on an Arterial Corridor Integrating Probe Vehicle, Traffic, and Land Use Data	390 / L	Katherine E. Bell	PSU	Marriott, Maryland C
3:45 p.m.	Measuring Traffic Reduction from Bicycle Commuting	415 / L	Krista Nordback	PSU	Hilton, Georgetown West
3:45 p.m.	Methodology to Characterize Ideal Short-Term Counting Conditions and Improve AADT Estimation Accuracy Using Regression-Based Correcting Function	408 / L	Miguel Figliozzi	PSU	Hilton, Lincoln East
4:15 p.m.	Quantifying Accessibility of Nonmotorized Transportation Modes in Recreational Areas: Case Study of Mill Creek Canyon, Utah	436 / P	Ivana Milorad Tasic	Utah	Hilton, International Ctr.
7:30 p.m.	Analysis of Competitiveness of Freight Tricycle Delivery Services in Urban Areas	460 / L	Chawalit Tipagornwong	PSU	Shoreham, Hampton

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Tuesday, Jan. 14					
8:00 a.m.	Urban Campgrounds on Public Rights-of-Way: How State Departments of Transportation Are Stepping Up to the Challenge	505 / L	Andree Tremoulet	PSU	Hilton, Jefferson East
8:30 a.m.	E-Bikes in the United States: Results from an Online Survey	523 / P	John H. MacArthur	PSU	Hilton, International Ctr.
8:30 a.m.	Effects of Objective and Perceived Built Environment on Bicycling for Transportation	523 / P	Liang Ma	PSU	Hilton, International Ctr.
8:30 a.m.	Streetscape Features Related to Pedestrian Activities	515 / P	Reid Ewing	Utah	Marriott, Salon 2
8:30 a.m.	Insights into Pedestrian Attitudes and Perceptions of Delay, Safety, and Crossing Decisions at Signalized Intersections	515 / P	Sirisha Murthy Kothuri	PSU	Marriott, Salon 2
10:15 a.m.	Synthesis of Knowledge on How Accessibility Influences Property Values	561 / L	Keith Bartholomew	Utah	Hilton, Jefferson East
10:15 a.m.	Final Reflections and Looking into the Crystal Ball to See What the Next 50 Years Will Bring	534 / L	Robert Lawrence Bertini	PSU	Marriott, Thurgood Marshall West
10:45 a.m.	Measuring Urban Bicyclists' Uptake of Traffic-Related Volatile Organic Compounds Using Ambient and Breath Concentrations	572 / P	Alexander York Bigazzi	PSU	Hilton, International Ctr.
10:45 a.m.	Effect of Reducing Maximum Cycle Length on Roadside Air Quality and Travel Times on a Corridor in Portland, Oregon	576 / P	Christine M. Kendrick	PSU	Hilton, International Ctr.
10:45 a.m.	Identification and Characterization of PM2.5 and VOC Hot Spots on Arterial Corridor by Integrating Probe Vehicle, Traffic, and Land Use Data	576 / P	Katherine E. Bell	PSU	Hilton, International Ctr.
1:30 p.m.	A Reliability-Based Geometric Design Approach to Freeway Number of Lanes Decisions	582 / L	Anusha Musunuru	Utah	Marriott, Maryland A
1:30 p.m.	Framing Transportation Planning Pedagogy for Sustainability Generalists	608 / L	Elizabeth Sweeney	UO	Hilton, Lincoln West
2:00 p.m.	Exploring Synergy in Bicycle and Transit Use: Empirical Evidence at Two Scales	639 / P	Patrick A. Singleton	PSU	Hilton, International Ctr.
2:00 p.m.	Exploring Demographic Market Segments for Peer-to-Peer Carsharing Programs	632 / P	Roger B. Chen	PSU	Hilton, International Ctr.
4:15 p.m.	Evaluating Residential and Employment Change Associated with the Portland Streetcar: Case Study with Planning Implications	689 / P	Arthur C. Nelson	Utah	Hilton, International Ctr.
4:15 p.m.	Compact Development and Preference Heterogeneity in Residential Location Choice Behavior: A Latent Class Analysis	689 / P	Haifeng (Felix) Liao	Utah	Hilton, International Ctr.
4:15 p.m.	Continuous and Reusable Data Management Strategies for Large-Scale Integrated Transportation and Land Use Modeling: Focus on Data Quality Indicators	691 / P	Liming Wang	PSU	Hilton, International Ctr.

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4:15 p.m.	Site Selection Methods for Bicycle Data Collection	688 / P	Pamela Johnson	PSU	Hilton, International Ctr.
4:15 p.m.	Pedestrian Index of the Environment: Representing the Walking Environment in Planning Applications	691 / P	Patrick A. Singleton	PSU	Hilton, International Ctr.
4:15 p.m.	Representing Walking Activity in Trip-Based Travel Demand Forecasting Models: Proposed Framework	691 / P	Patrick A. Singleton	PSU	Hilton, International Ctr.
4:15 p.m.	Residential Preference and Neighborhood Accessibility in Salt Lake City, Utah	689 / P	Philip A. Stoker	Utah	Hilton, International Ctr.
4:15 p.m.	Compact Development and Vehicle Miles Traveled: Environmental Determinism, Self-Selection, or Some of Both?	689 / P	Reid Ewing	Utah	Hilton, International Ctr.
4:15 p.m.	Who Sprawls the Most After a Decade of Research on Sprawl: Longitudinal Analysis	689 / P	Shima Hamidi	Utah	Hilton, International Ctr.
4:15 p.m.	Impact of Residential Location Decisions on Miles Traveled, Trip Frequency, and Automobile Ownership for Households in Portland Metropolitan Region, Oregon	689 / P	Steven R. Gehrke	PSU	Hilton, International Ctr.
4:15 p.m.	Operationalizing Land Use Diversity at Varying Geographic Scales and Its Connection to Mode Choice: Evidence from Portland, Oregon	689 / P	Steven R. Gehrke	PSU	Hilton, International Ctr.
4:15 p.m.	Beyond Transit-Oriented Development: Establishing Upper Bounds of Transit-Supportive Neighborhoods	689 / P	Susan Petheram	Utah	Hilton, International Ctr.
7:30 p.m.	State of Knowledge and Practice: Opportunities for Intelligent Transportation Systems in the Energy Arena	702 / P	Brooke Jordan	PSU	Marriott, Salon 2
7:30 p.m.	Peer-to-Peer Carsharing: An Preliminary Analysis of Vehicle Owners in Portland, Oregon, and the Potential to Meet Policy Objectives	726 / L	Jennifer Dill	PSU	Hilton, Columbia Hall 7

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Wednesday, Jan. 15					
8:00 a.m.	Bicycling Is Different: Built Environment Relationships to Nonwork Travel	753 / L	Christopher Muhs	PSU	Hilton, Columbia Hall 6
8:00 a.m.	Neighbors Know Best: Working with Communities to Make Better Walking Environments	752 / L	Marc A. Schlossberg	UO	Hilton, International East
8:00 a.m.	Evaluating Driver and Pedestrian Behaviors at Enhanced Multilane Midblock Pedestrian Crossings: Case Study in Portland, Oregon	731 / L	Nick Foster	PSU	Marriott, Thurgood Marshall East
8:00 a.m.	Gender Differences in Adolescent Attitudes about Active Travel	NA / C	Tara B. Goddard	PSU	Hilton, Columbia Hall 1
8:30 a.m.	Travel to Common Destinations: Exploration Using Multiday GPS Data	774 / P	Jennifer Dill	PSU	Hilton, International Ctr.
8:30 a.m.	Discrepancy Analysis of Activity Sequences: What Explains the Complexity of People's Daily Activity-Travel Patterns?	774 / P	Kihong Kim	PSU	Hilton, International Ctr.
8:30 a.m.	Effective Coupling of Signal Timing Estimation Model and Dynamic Traffic Assignment in Feedback Loops: System Design and Case Study	777 / P	Milan Zlatkovic	Utah	Hilton, International Ctr.
8:30 a.m.	Investigating Household Bicycle Ownership Levels: A Tale of Two Market Segments	774 / P	Roger B. Chen	PSU	Hilton, International Ctr.
10:15 a.m.	Modeling Impact of Traffic Conditions on Variability of Midblock Roadside Fine Particulate Matter Concentrations on an Urban Arterial	809 / L	Adam Moore	PSU	Hilton, Lincoln East
10:15 a.m.	Improving Vehicle Trip Generation Estimates for Urban Contexts: Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates	803 / L	Kristina Marie Currans	PSU	Hilton, Columbia Hall 4
2:30 p.m.	Using Spatiotemporal Constraints to Quantify Transit Accessibility: Case Study of Potential Transit-Oriented Development Location in West Valley, Utah	838 / L	Ivana Milorad Tasic	Utah	Hilton, Lincoln East
2:45 p.m.	A Linear Programming Model for Estimating High-Resolution Freeway Traffic States Using Vehicle Identification and Location Data	841 / P	Hao Lei	Utah	Marriott, Salon 2
4:30 p.m.	Parking Mismatch Phenomenon: Excessive Residential Parking and What to Do About It	850 / L	Marc A. Schlossberg	UO	Shoreham, Ambassador
4:30 p.m.	Safety and Security in Discretionary Travel Decision Making: Focus on Active Travel Mode and Destination Choice	857 / L	Patrick A. Singleton	PSU	Hilton, Georgetown East
4:30 p.m.	Varying Influences of the Built Environment on Household Travel in Nine Diverse Regions of the United States	857 / L	Reid Ewing	Utah	Hilton, Georgetown East
Thursday, Jan. 16					
8:00 a.m.	Travel mode choice framework incorporating realistic bike and walk routes	862 / L	Joseph Broach	PSU	Hilton, Georgetown East