



2013 Sustainability and Public Transportation Workshop

Measuring Performance for Sustainability

July 28 - 30, 2013
Westin St. Francis, San Francisco, CA

Welcome to the Ninth Annual APTA Sustainability and Public Transportation Workshop. This year, the event focuses on performance measurement and tools for sustainability at the project, corridor, and organizational level. It features case studies from projects in the San Francisco Bay Area, the State of California, and across the country and world.

As the new transportation law, MAP-21, comes into effect, the transit industry is adapting to a new focus on measuring and tracking progress against strategic indicators, particularly in state of good repair and safety, two areas with a strong connection to sustainability. The importance of advancing sustainability, performance measurement, safety and state of good repair agendas comes at a time of increasing fiscal pressure.

This Workshop explores performance measurement and the wider context of sustainability. Historic ridership growth and budgets cuts have coincided with aging infrastructure and severe weather events. The resulting costs and damage have compelled the industry to seriously consider the impact of sustainability on infrastructure vulnerability, and to develop adaptation and performance measurement strategies that reduce future risk.

Organizations are tracking progress towards improved environmental impact, engagement with the community, and economic impact, while agencies are focused on safety and state of good repair goals. Hear from speakers with a wealth of knowledge in these areas, including APTA Sustainability Commitment signatories with real world experience. Learn how APTA members are improving efficiency, saving money, mitigating environmental impacts and promoting strategies that encourage public transit use. Learn what models exist for measuring and acting on sustainability goals. And experience firsthand how San Francisco Municipal Transportation Agency (SFMTA), San Francisco Bay Area Rapid Transit District (BART), and its regional partners are implementing these practices to help ensure a more sustainable future for the San Francisco Bay area.

APTA's Vision

Be the leading force in advancing public transportation.

APTA's Mission

To strengthen and improve public transportation, APTA serves and leads its diverse membership through advocacy, innovation, and information sharing.

APTA's Policy on Diversity

APTA recognizes the importance of diversity for conference topics and speakers and is committed to increasing the awareness of its membership on diversity issues. APTA welcomes ideas and suggestions on how to strengthen its efforts to meet these important diversity objectives.

WORKSHOP SPONSORS

APTA thanks the following sponsors
for making this workshop a success.

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2013 Sustainability and Public Transportation Workshop Program-at-a-Glance

Sunday, July 28	Monday, July 29	Monday, July 29 (cont.)
<p>10 a.m. – 6 p.m. Registration Italian</p> <p>10 a.m. – 7 p.m. Tabletop Displays Grand Ballroom</p> <p>12:30 – 5 p.m. SUSTAINABILITY IN ACTION TOURS</p> <ul style="list-style-type: none"> • BART Transit-Oriented Development Tour • BART Union City Station Modernization (begins at 1 p.m.) • Sustainable SFMTA (begins at 1 p.m.) • San Francisco Cable Car Barn (begins at 1 p.m.) • Self-guided Tours (begin at 1 p.m.) <ul style="list-style-type: none"> ○ Bicycle Tour, including Golden Gate Park ○ Pedestrian Tour ○ Complete Streets Tour <p>6 – 7 p.m. Welcome Reception Grand Ballroom</p>	<p>7 a.m. – 4:30 p.m. Registration Italian</p> <p>7 a.m. – 6 p.m. Tabletop Displays Grand Ballroom</p> <p>7 – 8 a.m. Continental Breakfast Grand Ballroom</p> <p>8 – 8:40 a.m. Opening Session Colonial</p> <p>8:40 – 9:15 a.m. Plenary Session: BART Host Forum Colonial</p> <p>9:15 – 10 a.m. Plenary Session: SFMTA Host Forum Colonial</p> <p>10:15 a.m. – 11:45 p.m. Plenary Session: Regional / State Collaboration for Sustainability Colonial</p> <p>12 – 1:30 p.m. Joint Luncheon with APTA Multimodal Operations Planning Workshop Grand Ballroom</p> <p>1:45 – 3:15 p.m. SUSTAINABILITY SEMINARS, PART I</p> <ul style="list-style-type: none"> • Sustainable Planning, Policy, and Community Development Elizabethan A, 2nd Floor • Sustainable Design, Materials, and Infrastructure Elizabethan B, 2nd Floor 	<p>1:45 – 3:15 p.m. SUSTAINABILITY SEMINARS, PART I (CONT'D)</p> <ul style="list-style-type: none"> • Sustainable Operations Olympic, 2nd Floor • Sustainable Business Practices and Sustainable Organizations Colonial <p>3:30 – 5 p.m. SUSTAINABILITY SEMINARS, PART II</p> <ul style="list-style-type: none"> • Sustainable Planning, Policy, and Community Development Elizabethan A, 2nd Floor • Green Design, Sustainability Indicators, and Infrastructure Elizabethan B, 2nd Floor <p>Sustainable Transit Integration Olympic, 2nd Floor</p> <ul style="list-style-type: none"> • Sustainable Business Practices and Sustainable Organizations Colonial <p>5:15 – 6:30 p.m. Metropolitan Planning Subcommittee Meeting Elizabethan A, 2nd Floor</p> <p>5:15 – 6:30 p.m. Sustainability Commitment Signatories Subcommittee Meeting California West, 2nd Floor</p>

Program-at-a-Glance (cont'd)

Tuesday, July 30		
<p>7 a.m. – 12 p.m. Registration Italian</p> <p>7 a.m. – 5 p.m. Tabletop Displays Grand Ballroom</p> <p>7 – 8 a.m. Continental Breakfast Grand Ballroom</p> <p>8 – 9:30 a.m. Plenary Session: Energy Management Policy and Practice Colonial</p> <p>9:45 – 11:45 a.m. CONCURRENT PEER EXCHANGES</p> <ul style="list-style-type: none"> • Sustainable Communities Colonial • Climate Change Adaptation and Resiliency Elizabethan A, 2nd Floor • Performance Measures and Tools Elizabethan B, 2nd Floor <p>12 – 1:30 p.m. Luncheon: The Federal Partnership for Sustainable Communities – At the Crossroads Grand Ballroom</p> <p>1:30 – 1:45 p.m. Closing Remarks Grand Ballroom</p> <p>2:30 – 4:30 p.m. Sustainability Committee Meeting Grand Ballroom</p>		

2013 Sustainability and Public Transportation Workshop

Sunday, July 28

10 a.m. – 6 p.m.
Italian

Registration

10 a.m. – 6 p.m.
Grand Ballroom

Tabletop Displays

SUSTAINABILITY IN ACTION TOURS

The workshop includes several tours, free-of-charge, that highlight our host agencies' ongoing sustainability efforts. Tours are on a first-come, first-serve basis. Please sign up starting at 10 a.m. at the host desk. All tours will meet and depart from the Registration area in the hotel.

12:30 – 4:30 p.m.

BART Transit-Oriented Development Tour

Join BART staff for a tour of sustainable transit-oriented development projects at two BART stations in Oakland. The tour features walking tours of mixed-use development in the Uptown District (near 19th Street BART Station), as well as the transit village at the Fruitvale BART Station. Hear from local representatives on the successes and challenges of both projects, as well as plans for the future. **Maximum attendance: 25.**

1 – 5 p.m.

BART Union City Station Modernization

BART Union City Station is the center piece for the Union City transit center development project that integrates one of the most ambitious multi-use redevelopment plan. This exciting multi-phase and multi-agency project includes access improvement, station modernization, and capacity expansion to the BART station and new construction of housing and community spaces that incorporates sustainable concepts and systems as envisioned and designed by BART, the City of Union City, and award-winning design firms. **Maximum attendance: 20.**

Sunday (cont'd)

1 – 4 p.m.

Sustainable SFMTA

This bus tour will highlight “SFGreasecycle” and the SFMTA’s biodiesel program (fryer to fuel tank sustainability - powering transit vehicles with local, recycled restaurant grease). The tour will be via zero emission bus, and include an en route discussion of the City of San Francisco’s municipal facilities and vehicles work, Zero Waste 2020, employee commute programs, green purchasing, and urban forest initiatives. **Maximum attendance: 35.**

1 – 4 p.m.

San Francisco Cable Car Barn

A behind the scenes look at San Francisco’s classic Cable Cars, including access to the maintenance barn (learn why wooden brakes are still used), cable infrastructure (see how each 4+ mile-long cable is replaced every 100 days), and operating techniques (what does it mean when the conductor rings the bell four times?). Transportation from the conference hotel to the Barn and back will be via zero emission bus, featuring a discussion of the contrast and similarities between 1880’s technology and modern, advanced technology transit vehicles (both are zero emission hill climbers, for example). **Maximum attendance: 35 by shuttle.**

1 p.m.

Self-guided Tours

A set of guidebook-style tours will be available to all attendees. The SFMTA designed these tours for the workshop with a focus on the agency’s latest initiatives and sustainability programs. Each tour is appropriate for workshop attendees, and enjoyable for casually touring family members.

- 1) Bicycle Tour, including Golden Gate Park
- 2) Pedestrian Tour
- 3) Complete Streets Tour

6 – 7 p.m.
Grand Ballroom

Welcome Reception

Welcome Reception sponsored by

**PARSONS
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Monday, July 29

7 a.m. – 4:30 p.m.
Italian

Registration

7:30 a.m. – 6 p.m.
Grand Ballroom

Tabletop Displays

7 – 8 a.m.
Grand Ballroom

Continental Breakfast

8 – 8:40 a.m.
Colonial

Opening Session

Welcome

Michael P. Melaniphy, president & CEO, APTA

Goals and Overview

Kevin Desmond, member, APTA Board of Directors; chair, APTA Sustainability Committee; and general manager, King County Metro Transit, Seattle, WA

8:40 – 9:15 a.m.
Colonial

Plenary Session: San Francisco Bay Area Rapid Transit District (BART) Host Forum

Hear how BART is working to be a good steward of the environment and financial resources, and connecting the region, supporting a more sustainable future in the Bay Area.

Introduction:

Kevin Desmond

Speaker:

Grace Crunican, member, APTA Board of Directors, and general manager, San Francisco Bay Area Rapid Transit District, Oakland, CA

Monday (cont'd)

9:15 a.m. – 10 a.m.
Colonial

Plenary Session: San Francisco Municipal Transportation Agency (SFMTA) Host Forum

Hear how this metropolis is combining integrated management of transportation options and SFMTA is completing its Strategic Plan to meet its sustainability goals and ensure a more livable city for future generations.

Introduction:
Kevin Desmond

Speakers:
Edward D. Reiskin, director of transportation, San Francisco Municipal Transportation Agency, San Francisco, CA

Timothy N. Papandreou, deputy director, sustainable streets, San Francisco Municipal Transportation Agency, San Francisco, CA

10 a.m. – 10:15 a.m.
Italian

Break

10:15 a.m. – 11:45 a.m.
Colonial

Plenary Session: Regional / State Collaboration for Sustainability

Hear from a panel of experts from local, regional, and state organizations on how the Bay Area and the State of California are working collaboratively towards a more sustainable future.

Co-Facilitators:
Grace Crunican, member, APTA Board of Directors, and general manager, San Francisco Bay Area Rapid Transit District, Oakland, CA

Edward D. Reiskin, director of transportation, San Francisco Municipal Transportation Agency, San Francisco, CA

Panelists:
Ken Kirkey, planning director, Metropolitan Transportation Commission, Oakland, CA

Ezra Rapport, executive director, Association of Bay Area Governments, Oakland, CA

Jeff Morales, chief executive officer, California High-Speed Rail Authority, Sacramento, CA

Monday (cont'd)

Joshua W. Shaw, executive director, California Transit Association, Sacramento, CA

12 – 1:30 p.m.
Grand Ballroom

Joint Luncheon with Multimodal Operations Planning Workshop

Introduction:

Michael P. Melaniphy, president & CEO, APTA

Speaker:

Therese W. McMillan, deputy administrator, Federal Transit Administration, Washington, DC

Presentation of APTA Sustainability Commitment Recognition

Michael P. Melaniphy

Luncheon sponsored by URS and APTA.



1:45 – 5 p.m.

SUSTAINABILITY SEMINARS, PARTS I & II

Hear how APTA members are planning and operationalizing sustainability and making sustainable policy, planning, procurement, design, construction, service, and operations the modus operandi.

1:45 – 3:15 p.m.
Elizabethan A
2nd Floor

Part I: Sustainable Planning, Policy, and Community Development

This session focuses on measurement and prioritization of transit projects, as well as unique issues related to working with the private sector.

Moderator:

Bob Lagomarsino, AICP, community planning manager, URS Corporation, Sacramento, CA

Using Station Area and Corridor Typologies to Prioritize Investments

Christopher Yake, senior associate, Nelson\Nygaard, Portland, OR

Monday (cont'd)

City's Goals Drive Mode Choice in Winston-Salem

Claire Brinkley, transportation planner, HDR Engineering, Inc.,
Charlotte, NC

Taiwo Jaiyeoba, transit principal, HDR Engineering, Inc., Atlanta, GA

Public Private Partnership for Sustainability and Affordable Housing

Gary Prince, senior project manager, King County Metro Transit,
Seattle, WA

Evening the Playing Field for Transit: Broadening Transportation Planning Evaluation Criteria

Frank Gallivan, manager, ICF International, San Francisco, CA

1:45 – 3:15 p.m.
Elizabethan B
2nd Floor

Part I: Sustainable Design, Materials, and Infrastructure

This session focuses on moving sustainability programs from policy to implementation, working with existing infrastructure, and the importance of green building practices and materials.

Moderator:

Lolalisa DeCarlo King, AIA, NCARB, MBA, LEED AP, president,
Architect for Life, PC, Houston, TX

Los Angeles County MTA's Green Building Efforts and the Exposition Operations and Maintenance Facility

Timothy Lindholm, deputy executive officer, project management
Los Angeles County Metropolitan Transportation Authority,
Los Angeles, CA

Jon Holler, western regional manager, Maintenance Design
Group, LLC, Pasadena, CA

Bringing BART to the South Bay, the Sustainable Way

Thomas W. Fitzwater, AICP, manager, environmental programs and
resources management, Santa Clara Valley Transportation Authority,
San Jose, CA

Portland-Milwaukie Light Rail Project, Sustainability Program: Moving into Implementation... So What?

Robert Hastings, FAIA, agency architect, Tri-County Metropolitan
Transportation District of Oregon, Portland, OR

Keizer Transit Center – Lessons in Sustainability

Sadie K. Carney, LEED AP, director of community relations,
Salem-Keizer Transit, Salem, OR

Monday (cont'd)

1:45 – 3:15 p.m.

Olympic
2nd Floor

Part I: Sustainable Operations

This session focuses on energy-efficient, environmentally-sound, and socially-responsible practices in transit operations and maintenance, including the role of new technologies and energy-efficient fleets.

Moderator:

Ernest Tollerson, director, environmental sustainability and compliance, Metropolitan Transportation Authority, New York, NY

Metro Transit Sustainable Facility and Fleet Operations

Pat Jones, assistant director, facilities engineering, Metro Transit, Minneapolis, MN

Chuck Wurzinger, assistant director of technical support, Metro Transit, Minneapolis, MN

California: Necessary Partnerships for Rail Modernization

Marian Lee, executive officer, Caltrain Modernization Program, Caltrain, San Carlos, CA

In Pursuit of Zero Emission and Sustainable Transportation Technologies

Doug Byrne, project manager, operations-maintenance, ZEBA demonstration program, AC Transit, Oakland, CA

Session sponsored by BAE SYSTEMS.

1:45 – 3:15 p.m.

Colonial

Part I: Sustainable Business Practices and Sustainable Organizations

This session focuses on sustainable business practices in areas such as manufacturing, procurement, project management, and employee engagement. There will also be emphasis on sustainable practices and design in organizations, including green offices, workforce engagement, performance metrics, and sustainability reporting.

Moderator:

Michael S. Harbour, deputy CEO, Sound Transit, Seattle, WA

The Rapid and West Michigan: A Mantra of Sustainability

Bill Kirk, public outreach coordinator, Interurban Transit Partnership (The Rapid), Grand Rapids, MI

Monday (cont'd)

Energy Management as a Cost Savings Strategy

Andrew D. Brennan, co-chair, APTA Environmental Subcommittee, and director of environmental affairs, Massachusetts Bay Transportation Authority, Boston, MA

Using Outreach to Encourage More Sustainable Business and Corporate Operations

Allison Camp, transportation options and sustainability coordinator, Lane Transit District, Eugene, OR

Jessica Brandt, environmental and sustainability coordinator, Intercity Transit, Olympia, WA

Sustainability and Business Practices at WMATA

Rachel Healy, sustainability project manager, Washington Metropolitan Area Transportation Authority, Washington, DC

Session sponsored by ARCADIS U.S., Inc.

3:15 – 3:30 p.m.

Break

3:30 – 5 p.m.
Elizabethan A
2nd Floor

Part II: Sustainable Planning, Policy, and Community Development

This session focuses on implementing sustainability measures while concurrently working with planners and federal, state, and local policymakers. Presentations will also focus on upholding a region's cultural and historic fabric while moving toward greener infrastructure and practice.

Moderator:

Kimberly Slaughter, member, APTA Board of Directors; co-chair APTA Major Capital Investment Planning Subcommittee; and vice president / transit market sector director – north central region, HDR Engineering, Inc., Chicago, IL

Sustaining the Cultural and Historic Fabric: A Honolulu Case Study

Elizabeth Scanlon, director of planning, utilities, right-of-way, Honolulu Authority for Rapid Transportation, Honolulu, HI

How Do Cities Plan for Transit Oriented Development When the Transit Won't Be Developed for 20 Years?

Marco Anderson, senior regional planner, Southern California Association of Governments, Los Angeles, CA

Monday (cont'd)

Federal/Local Collaboration in Action: Fresno BRT Realignment and the Strong Cities, Strong Communities Initiative

Eric Eidlin, community planner, Region IX, Federal Transit Administration, San Francisco, CA

Elliott Balch, downtown revitalization manager, City of Fresno, CA

Adapting to a Changing Climate – 'A Scottish Story of Policy to Practice'

Donald Morrison, executive director of operations, Jacobs, Glasgow, Scotland, UK

3:30 – 5 p.m.
Elizabethan B
2nd Floor

Part II: Green Design, Sustainability Indicators, and Infrastructure

This session focuses on integrating sustainability into the design and construction of projects and different green building approaches.

Moderator:

Jeffrey Wharton, 2nd vice chair, APTA Business Member Board of Governors, and president, IMPulse NC LLC, Mount Olive, NC

Achieving State-wide Sustainability Outcomes through High-Speed Rail

Mark McLoughlin, deputy director environmental planning, California High-Speed Rail Authority, Sacramento, CA

Margaret Cederoth, sustainability manager, California High-Speed Rail Authority, Sacramento, CA

Using Design-Build Delivery to Improve Sustainability Performance for Transit Projects at Denver RTD

Jyotsna Vishwakarma P.E., LEED AP, engineer IV, Regional Transportation District, Denver, CO

Jeffrey Cole, technical director, Denver Transit Partners, Denver, CO

A Tale of Two Green Building Approaches: A Delightful Comparison of IgCC and LEED in Transit Facilities

Kevin B. Quinn Jr., mid-Atlantic regional manager, STV, Inc., Baltimore, MD

John Gasparine, senior transportation planner, STV, Inc., Baltimore, MD

Sustainable Transit Station Design at Sound Transit

Amy Shatzkin, sustainability manager, Sound Transit, Seattle, WA

Monday (cont'd)

3:30 – 5 p.m.
Olympic
2nd Floor

Part II: Sustainable Transit Integration

This session focuses on efficiency and effectiveness through parking, land-use and active transportation opportunities. Presentations include innovative access and design strategies that support transit-oriented lifestyles and communities, and increase convenience for riders.

Moderator:

Timothy N. Papandreou, deputy director, sustainable streets, San Francisco Municipal Transportation Agency, San Francisco, CA

Rail Station Access Strategies: Supporting Sustainable Ridership Growth

Jennifer Niece, senior advisor, sustainability, Metrolinx (GO Transit), Toronto, ON

Passenger Train Operator in the Mega-Regional Bicycle Access Business

James Allison, manager of planning, Capitol Corridor Joint Powers Authority, Oakland, CA

Right-Sized Parking to Support Transit-Oriented Communities

Daniel H. Rowe, transportation planner, King County Metro Transit, Seattle, WA

Last-Mile Bike / Pedestrian Connections to Transit

Lucy Galbraith, co-chair, APTA Land Use and Economic Development Subcommittee, and manager, transit oriented development, Capital Metropolitan Transportation Authority, Austin, TX

3:30 – 5 p.m.
Colonial

Part II: Sustainable Business Practices and Sustainable Organizations

This session focuses on sustainable business practices in areas such as manufacturing, procurement, project management, and employee engagement. There will also be emphasis on sustainable practices and design in organizations, including green offices, workforce engagement, performance metrics, and sustainability reporting.

Moderator:

David Sunderman, member, board of directors, Sustainable Green Printing Partnership, and marketing manager, Visual Marking Systems, Inc., Twinsburg, OH

Monday (cont'd)

Taking the “Green” Route: ISO 14001 ESMS Lessons Learned

Jane Sullivan, sustainability and transportation planner,
Champaign-Urbana Mass Transit District, Urbana, IL

Sustainability Reporting: First Time Reporting to the Carbon Disclosure Project

Joanne Maxwell, director, environmental management programs,
AMTRAK, Philadelphia, PA

Early results on Energy and GHG Savings from the TIGGER Program

Leslie Eudy, senior project leader, National Renewable Energy
Laboratory, Golden, CO

Lifecycle Costing in Procurement and RFPs

Larry Skelton, manager, bus engineering, Washington Metropolitan
Area Transit Authority, Washington, DC

5:15 – 6:30 p.m.

Elizabethan A

2nd Floor

Metropolitan Planning Subcommittee Meeting

Join your colleagues for an informal transit/MPO peer exchange to discuss MAP-21 provisions on governance, performance-based planning, and advancing livable and sustainable communities.

Chair, Lee G. Gibson

5:15 – 6:30 p.m.

California West

2nd Floor

APTA Sustainability Commitment Signatories Subcommittee Meeting

Co-chairs, Erik Johanson, Dr. Emmanuel (Cris) Liban, P.E., and Lawrence J. Murphy

Tuesday, July 30

7 a.m. – 12 p.m.
Italian

Registration

7 a.m. – 5 p.m.
Grand Ballroom

Tabletop Displays

7 – 8 a.m.
Grand Ballroom

Continental Breakfast

8 – 9:30 a.m.
Colonial

Plenary Session: Energy Management Policy and Practice

Hear from a panel of experts on transportation's role in reducing energy use nationally, as well as what individual agencies are doing to save money through more efficient energy use.

Moderator:

Susannah Kerr Adler, AIA, member, APTA Board of Directors; vice chair, APTA Sustainability Committee; vice chair, Leadership APTA Committee; and vice president/national director-transportation facilities, URS Corporation, Washington, DC

Panelists:

Art Guzzetti, vice president-policy, APTA

Anthony Eggert, director, board of directors, Alliance to Save Energy, and executive director, UC Davis Policy Institute for Energy, Environment and the Economy, Davis, CA

Ernest Tollerson, director, environmental sustainability and compliance, Metropolitan Transportation Authority, New York, NY

Erik Johanson, co-chair, APTA Sustainability Commitment Signatories Subcommittee, and strategy & sustainability planner, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

Lee G. Gibson, member, APTA Board of Directors; co-chair, APTA Metropolitan Planning Subcommittee; and chief executive officer, Regional Transportation Commission of Washoe County, Reno, NV

9:30 – 9:45 a.m.
Italian

Break

Tuesday (cont'd)

9:45 – 11:45 a.m.

CONCURRENT PEER EXCHANGES

Colonial

Sustainable Communities

Across the country, community partners are eager to build more livable and sustainable neighborhoods and corridors. Some regions have projects underway. Other communities are excited about planning a sustainable future, but need help in taking the next steps to translate ideas into implementation. Hear from the practitioners on how they are turning vision to reality, including mixed income, transit-oriented development, and affordable housing.

Moderator:

Paul Skoutelas, member, APTA Board of Directors, and senior vice president & market leader, transit and rail, Parsons Brinckerhoff, New York, NY

Capital Solutions for Equitable TOD: Perspectives from the San Francisco Bay Area and Beyond

Doug Johnson, principal planner, Metropolitan Transportation Commission, San Francisco, CA

Heather Hood, director, Northern California Programs, Enterprise Community Partners, Inc., San Francisco, CA

"Complete" Planning: Creating Partnerships to Achieve a Sustainable, Livable Los Angeles County

Pam O'Connor, past president, SCAG; member, board of directors, L.A. Metro; and mayor, City of Santa Monica, CA

The Grand Boulevard Initiative: Coalition-Building; Complete Streets; Economic & Housing Opportunities Assessment (ECHO)

Corinne Goodrich, manager of strategic development, San Mateo County Transit District, San Carlos, CA

Austin's North Corridor: Integrating Transit, Land Use and Sustainability

Todd Hemingson, AICP, vice president, strategic planning and development, Capital Metropolitan Transportation Authority, Austin, TX

Kimberly Slaughter, member, APTA Board of Directors; co-chair, APTA Major Capital Investment Planning Subcommittee; and vice president / transit market sector director – north central region, HDR Engineering, Inc., Chicago, IL

Tuesday (cont'd)

9:45 – 11:45 a.m.
Elizabethan A
2nd Floor

Climate Change Adaptation and Resiliency

Flooding and heat waves threaten the state of good repair of transit assets and infrastructure. Weather records show a worsening of these phenomena in recent decades and robust climate science projects these trends to accelerate. At the same time, transit agencies are struggling to bring assets up to a state of good repair in the face of tight budgets.

How can transit agencies manage the risks of extreme weather and a changing climate in their asset management systems? How do the costs of inaction compare with the benefits of risk-based asset management? Learn from experts in the field and agencies that are undertaking FTA-funded projects in this area.

Moderator:

Barbara Thomson, senior associate, First Environment, Boonton, NJ

Adapting to Rising Tides – A Regional Response and Impact of Climate Change on BART – A Pilot Study

Tian A. Feng, FAIA, FCSI, district architect, San Francisco Bay Area Rapid Transit District, Oakland, CA

Herbert Diamant, systems engineer, San Francisco Bay Area Rapid Transit District, Oakland, CA

Life-Cycle Cost Analyses for Climate Adaptation Implementation Strategies

Karl Peet, project manager, strategic planning and policy, Chicago Transit Authority, Chicago, IL

Protecting Transit Assets from Climate Change at L.A. Metro

Dr. Emmanuel (Cris) Liban, P.E., co-chair, APTA Sustainability Commitment Signatories Subcommittee, and deputy executive officer, environment, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Adapting to Climate Change through Asset Management Planning

David C. Rose, Ph.D., vice president, strategic consulting, Parsons Brinckerhoff, San Francisco, CA

Tiffany Batac, transportation sustainability consultant, Parsons Brinckerhoff, San Francisco, CA

A Vulnerability and Risk Assessment of SEPTA's Regional Rail: Steps to Ensure Sustainability and Resiliency

Anne Choate, vice president, ICF International, Washington, DC

Tuesday (cont'd)

9:45 – 11:45 a.m.
Elizabethan B
2nd Floor

Performance Measures and Tools

As the new transportation law, MAP-21, comes into effect, the transit industry is adapting to a new focus on measuring and tracking progress against strategic indicators. Furthermore, the importance of advancing sustainability, performance measurement, safety, and state of good repair agendas comes at a time of increasing fiscal pressure.

This peer exchange explores performance measurement and the wider context of sustainability. Hear from practitioners in the sustainability field on new and innovative measurement strategies for social, environmental, and economic sustainability, from air pollution and greenhouse gas emissions, to construction-, project-, and agency-specific metrics.

Moderator:

J. Barry Barker, executive director, Transit Authority of River City, Louisville, KY

Wow, that's Cool. Hot Performance Measures for Transit

Project Analysis

Sine Adams, AICP, senior transportation planner, Parsons Brinckerhoff, Portland, OR

Peter Hurley, board chair, North American Sustainable Transportation Council and sustainable transportation project manager, Portland Office of Transportation, Portland, OR

SB 375 and Performance Measurement: How California MPOs are Incorporating Sustainability into the Metropolitan Transportation Planning Process

Matthew J. Gleason, associate regional planner, Southern California Association of Governments, Los Angeles, CA

Measuring Sustainability of a Transportation System:

What, When, and How. Case-Studies from Los Angeles County

Sarah Jepson, sustainability policy manager, Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

Quantification Tool for Measuring Transit's Role in Improving Air Quality

Dan Locke, environmental compliance administrator, Utah Transit Authority, Salt Lake City, UT

Tuesday (cont'd)

Envision: Developing Sustainable, Long-Term Transit Infrastructure
William Bertera, executive director, Institute for Sustainable Infrastructure, Washington, DC

David M. Taylor, senior vice president, national director, sustainable transportation solutions, HDR Engineering, Inc., Tampa, FL

12 – 1:30 p.m.
Grand Ballroom

Luncheon: The Federal Partnership for Sustainable Communities – At the Crossroads

June 2013 marked the fourth anniversary of the Federal Partnership for Sustainable Communities, a groundbreaking agreement between the U.S. Department of Housing and Urban Development, U.S. Department Transportation, and U.S. Environmental Protection Agency. The Partnership created a high-level interagency program to better coordinate federal transportation, environmental protection, and housing investments and to identify strategies. Fundamental to the initiative was the adoption of six livability principles that began to help reshape, realign, and refocus plans and programs to achieve more long-term, sustainable outcomes. These principles – provide more transportation choices, promote equitable, affordable housing, increase economic competitiveness, support existing communities, leverage federal investment, and value communities and neighborhoods – now help define and guide federal investments across individual department programs, and even more importantly, cross-department programs.

Hear from a panel of officials as they discuss how the Partnership is supporting positive change towards sustainable communities at the regional level.

Moderator:

Peter Varga, vice chair, APTA, and chief executive officer, Interurban Transit Partnership (The Rapid), Grand Rapids, MI

Panelists:

Katie Grasty, environmental protection specialist, Office of the Secretary, U.S. Department of Transportation, Washington, DC

Leslie Rogers, regional administrator, Region IX, Federal Transit Administration, San Francisco, CA

Tuesday (cont'd)

Angeles Herrera, associate director, community and ecosystems division, Region IX, U.S. Environmental Protection Agency, San Francisco, CA

Dwayne S. Marsh, senior advisor to the Office of Sustainable Housing and Communities, Region IX, U.S. Department of Housing and Urban Development, San Francisco, CA

Luncheon sponsored by HDR and APTA.



1:30 – 1:45 p.m.
Grand Ballroom

Closing Remarks

Kevin Desmond, member, APTA Board of Directors; chair, APTA Sustainability Committee; and general manager, King County Metro Transit, Seattle, WA

Susannah Kerr Adler, AIA, member, APTA Board of Directors; vice chair, APTA Sustainability Committee; vice chair, Leadership APTA Committee; and vice president/national director-transportation facilities, URS Corporation, Washington, DC

2:30 – 4:30 p.m.
Grand Ballroom

APTA Sustainability Committee Meeting

Chair, Kevin Desmond