

Schedule	Session	Presenter	Email: Username	Email: [at] Domain	Presentation Title	pdf link
Tuesday Jan 12 8:10 to 9 am PST	A	Milena Rangelov	<i>milena.rangelov.ctr</i>	<i>dot.gov</i>	Life Cycle Assessment of Ultra-high Performance Concrete Bridge Deck Overlays	pdf
		<i>Sabbie Miller</i>	<i>sabmil</i>	<i>ucdavis.edu</i>	Life Cycle Environmental Impact Considerations for Structural Concrete in Transportation Infrastructure	-
		<i>Andrea C. Ocampo</i>	<i>andrea.casas.ocampo</i>	<i>acciona.com</i>	ACCIONA's Expertise in the Use of LCA in Construction Sector	pdf
Tuesday Jan 12 8:10 to 9 am PST	B	<i>Mark Buncher</i>	<i>mbuncher</i>	<i>asphaltinstitute.org</i>	Life Cycle Assessment Study on Asphalt Binders Manufactured in North America	pdf
		Ana J.D.B. Carrion	<i>ajbc</i>	<i>ugr.es</i>	Interpreting Life Cycle Assessment Results of Bio-asphalt Pavements for more Informed Decision-making	pdf
		Katie Haslett	<i>keh11</i>	<i>wildcats.unh.edu</i>	Impacts of Climate-Change and Realistic Traffic Conditions on Asphalt Pavement and Rehabilitation Decisions using Life Cycle Assessment	pdf
Tuesday Jan 12 8:10 to 9 am PST	C	Chaitanya G. Bhat	<i>cbhat</i>	<i>mtu.edu</i>	Mapping of Unit Product System/Processes for Pavement LCA	pdf
		Anne De Bortoli	<i>anne.de-bortoli</i>	<i>enpc.fr</i>	Asphalt Pavement Resurfacing: A Review Toward A Better Selection and Representativeness of LCI	pdf
		<i>Dragos Andrei</i>	<i>dandrei</i>	<i>cpp.edu</i>	Green Up Pavement Rehabilitation Decision Tool	pdf
Tuesday Jan 12 8:10 to 9 am PST	D	<i>Gerardo Flintsch</i>	<i>gflintsch</i>	<i>vtti.vt.edu</i>	Effect of Durability on Fiber-reinforced Asphalt Mixtures Sustainability	-
		Sushobhan Sen	<i>sus128</i>	<i>pitt.edu</i>	Rapid Ground-based Measurement of Pavement Albedo	pdf
		<i>Angela Farina</i>	<i>farinaan</i>	<i>egr.msu.edu</i>	Global Warming Potential and Fossil Depletion of Enhanced Rubber Modified Asphalt	pdf
Tuesday Jan 12 8:10 to 9 am PST	E	<i>Imad Basheer</i>	<i>imad.basheer</i>	<i>dot.ca.gov</i>	Pavement life cycle assessment of State Highway Network with Caltrans Pavem System	pdf
		<i>Sadie Casillas</i>	<i>ses007</i>	<i>uark.edu</i>	Exploring the Cost Benefit Value and Relative Emissions of Pavement Preservation Treatments	-
		<i>Asa Lindgren</i>	<i>asa.lindgren</i>	<i>trafikverket.se</i>	Including Sustainability and Life Cycle Perspectives in Decision making	pdf
Wednesday Jan 13 8:05 to 9 am PST	A	<i>DingXin Cheng</i>	<i>dxcheng</i>	<i>csuchico.edu</i>	A Case Study of Using Life Cycle Cost Analysis in Pavement Management System	pdf
		Hui Li	<i>hli</i>	<i>tongji.edu.cn</i>	Integrated Evaluation Method of Life Cycle Economic and Environmental Impact for Permeable Pavement: Model Development and Case Study	-
		<i>Egemen Okte</i>	<i>eokte2</i>	<i>illinois.edu</i>	Combined Life Cycle Assessment and Life Cycle Cost Analysis for Illinois Tollway	pdf
Wednesday Jan 13 8:05 to 9 am PST	B	<i>Kiran Mohanraj</i>	<i>kiran</i>	<i>thetranstecgroup.com</i>	PVI Related Decision-making Tools in Use Phase of LCA: A Literature Review	pdf
		<i>Shabnam Rajaei</i>	<i>rajaei7</i>	<i>msu.edu</i>	Mechanistic Modeling of the Effect of Pavement Surface Mega-texture on Vehicle Rolling Resistance	pdf
		Ali A. Butt	<i>aabutt</i>	<i>ucdavis.edu</i>	Effect of Pavement Structural Response on Vehicle Fuel Consumption: Lessons Learned from Data Collection, Processing and Analysis	pdf
Wednesday Jan 13 8:05 to 9 am PST	C	Maryam Ostovar	<i>mostovar</i>	<i>ucdavis.edu</i>	Life Cycle Assessment of a Thin Bonded Concrete Overlay of Asphalt Project in Woodland, California.	pdf
		<i>Qingwen Zhou</i>	<i>qingwen2</i>	<i>illinois.edu</i>	Pavement Preservation and Maintenance Schedule Evaluation Using a Life-Cycle Assessment Tool	pdf
		<i>Chunfu Xin</i>	<i>chunfu.xin</i>	<i>outlook.com</i>	Sustainable Flexible Pavement Overlay Policy for Reduced Life-cycle Cost and Environmental Impact	pdf
Wednesday Jan 13 8:05 to 9 am PST	D	<i>Thomas Mattinzioli</i>	<i>tmattinzioli</i>	<i>ugr.es</i>	LCA and Cost Comparative Analysis of Half-Warm Mix Asphalts with Varying Degrees of RAP	pdf
		<i>Eugene Amarh</i>	<i>amarheu2</i>	<i>vt.edu</i>	Development of Pavement Performance Prediction Models for In-situ Recycled Pavements in Virginia	pdf
		<i>Gilberto M. Arguelles</i>	<i>garguelles</i>	<i>uninorte.edu.co</i>	Carbon Footprint of Asphalt Road Pavements using Warm Mix Asphalt with Recycled Concrete Aggregates: A Colombian Case Study	pdf
Wednesday Jan 13 8:05 to 9 am PST	E	<i>Larissa Strömberg</i>	<i>larissa.stromberg</i>	<i>ncc.se</i>	Assessment of Asphalt Concrete EPDs in Scandinavia and the United States	pdf
		Susanna Toller	<i>susanna.toller</i>	<i>trafikverket.se</i>	Life Cycle Assessment in Public Procurement of Transport Infrastructure	pdf
		Milena Rangelov	<i>milena.rangelov.ctr</i>	<i>dot.gov</i>	Using Environmental Product Declarations to Support Pavement Green Public Procurement	pdf
Thursday Jan 14 8:05 to 9 am PST	A	<i>Qingwen Zhou</i>	<i>qingwen2</i>	<i>illinois.edu</i>	Pavement Recycling: A Case Study of Life-Cycle Assessment and Life-Cycle Cost Analysis	pdf
		Ali A. Butt	<i>aabut</i>	<i>ucdavis.edu</i>	Lessons Learned from the Supply Curve Approach	pdf
		<i>Rami Chkaiban</i>	<i>chkaibanramy</i>	<i>gmail.com</i>	A Fuel and Non-fuel Vehicle Operating Costs Comparison of Select Vehicle Types and Fuel Sources: A Parametric Study	pdf
Thursday Jan 14 8:05 to 9 am PST	B	Milena Rangelov	<i>milena.rangelov.ctr</i>	<i>dot.gov</i>	Life Cycle Assessment of Pervious Concrete Pavements Reinforced by Recycled Carbon Fiber Composite Elements	pdf
		Hao Wang	<i>hw261</i>	<i>soe.rutgers.edu</i>	Impact of Allocation Method on Carbon Footprint of Pervious Concrete with Industry Byproducts	-
		<i>Xijun Shi</i>	<i>xijun.shi</i>	<i>txstate.edu</i>	Use of Recycled Aggregates in Concrete Pavement: Pavement Design and Life Cycle Assessment	pdf
Thursday Jan 14 8:05 to 9 am PST	C	<i>Ronald Roberts</i>	<i>ronaldanthony.roberts</i>	<i>unipa.it</i>	Towards More Sustainable Airfield Pavements Using Life-Cycle Assessment of Design Alternatives	pdf
		Davide Lo Presti	<i>davide.lopresti</i>	<i>unipa.it</i>	Pavement Life Cycle Management: Towards a Sustainability Assessment Framework in Europe	pdf
		Chaitanya G. Bhat	<i>cbhat</i>	<i>mtu.edu</i>	Technical and Organizational Challenges to Developing Product Category Rules for Asphalt Pavement Construction	pdf
Thursday Jan 14 8:05 to 9 am PST	D	<i>Milad Ashtiani</i>	<i>ashtiani</i>	<i>uw.edu</i>	Network-level Life Cycle Assessment of Reclaimed Asphalt Pavement in Washington State	pdf
		<i>Mehran Mazari</i>	<i>mmazari2</i>	<i>calstatela.edu</i>	Preliminary Evaluation of Using Intelligent Compaction for Life Cycle Assessment and Life Cycle Cost Analysis of Pavement Structures	pdf
		<i>Oumaya Y. Marzouk</i>	<i>oumaya.marzouk</i>	<i>cerema.fr</i>	LCA of Construction and Demolition Waste Recycling: Case Study of Production Phase	pdf
Thursday Jan 14 8:05 to 9 am PST	E	Ruijun Cao	<i>ruijun.c.cao</i>	<i>connect.polyu.hk</i>	Energy Saving Evaluation of Warm Asphalt Rubber Pavements by Life Cycle Assessment with Uncertainty Analysis	-
		Hessam Azarijafari	<i>hessam</i>	<i>mit.edu</i>	Context-specific Assessment of Pavement Environmental Performance Considering Neighborhood Heterogeneity	-
		Lianna Miller	<i>lianna</i>	<i>trisightengineering.com</i>	A Feasibility Study to Assess the Use of EPDs in Public Procurement	pdf
Thursday Jan 14 8:05 to 9 am PST	F	Yu Fang	<i>1610049</i>	<i>tongji.edu.cn</i>	How do Funds Allocation and Maintenance Intervention Affect the Deterioration Process of Urban Bridges in Shanghai	-
		<i>Jieying Zhang</i>	<i>jieying.zhang</i>	<i>nrc-cnrc.gc.ca</i>	Incorporating the Impacts of Climate Change into a Life Cycle Assessment of a Slab-on-girder Highway Bridge	pdf
		<i>Bolaji Olanrewaju</i>	<i>b.olanrewaju</i>	<i>utoronto.ca</i>	A Comparison of Concrete Quantities for Highway Bridge Projects: Pre-Construction Estimates vs On-site Records	-