



U.S. Department of Transportation
Federal Highway Administration

SUSTAINABLE PAVEMENT SYSTEMS: A WEBINAR SERIES

BACKGROUND

The FHWA launched the [Sustainable Pavements Program](#) in 2010 to advance the knowledge and practice of sustainability related to pavements. The overall objective of the program is to increase the awareness, visibility, and the body of knowledge of sustainability considerations in all stages of the pavement life cycle.

Under this program, the FHWA has developed a number of resources to help highway agencies in advancing their current state of practice related to pavement sustainability. This webinar series is designed to help promote key concepts and practices related to pavement sustainability.

WHO SHOULD ATTEND?

State Department of Transportation (DOT) practitioners and other key stakeholders in the pavement community such as:

- Design and materials engineers
- Maintenance and construction engineers
- Academia
- Local roadway agencies
- Suppliers and producers
- Contractors and consultants

WEBINAR EVENT	WHAT WILL YOU LEARN?	DATE & TIME
1 Pavement Sustainability Basics	Sustainability concepts and assessment tools	October 17, 2019 2:30–3:30 PM ET
2 Sustainable Pavement Materials	Sustainability implications of aggregate, asphalt, and concrete pavement materials	November 21, 2019 2:30–3:30 PM ET
3 Sustainable Design Approaches	Design considerations related to sustainability, general and specific design strategies, emerging trends	December 19, 2019 2:30–3:30 PM ET
4 Sustainable Pavement Construction	Construction considerations to improve pavement sustainability, future directions, and emerging trends	January 30, 2020 2:30–3:30 PM ET
5 Maintenance and Preservation	Pavement preservation basics, impacts of preservation on sustainability, sustainable preservation techniques	February 13, 2020 2:30–3:30 PM ET
6 EOL Considerations	End-of-Life (EOL) considerations related to pavement sustainability, EOL options for asphalt and concrete pavements	March 19, 2020 2:30–3:30 PM ET
7 LCCA Part I: Fundamentals	Life-Cycle Cost Analysis (LCCA) concepts, steps in pavement LCCA process, tools to conduct LCCA	April 16, 2020 2:30–3:30 PM ET
8 LCCA Part II: Applications	Key considerations in pavement LCCA, example LCCA applications in sustainability-related applications	May 21, 2020 2:30–3:30 PM ET
9 LCA Part I: Fundamentals	Life-Cycle Assessment (LCA) concepts, benefits and uses; steps in the pavement LCA process; tools and resources on LCA	June 18, 2020 2:30–3:30 PM ET
10 LCA Part II: EPDs and PCRs	Fundamentals on Environmental Product Declarations (EPDs) and Product Category Rules (PCRs)	July 23, 2020 2:30–3:30 PM ET

REGISTER HERE!

<http://surveys.appliedpavement.com/s3/SP-Webinars-Registration>

FREE to attend • 1 Professional Development Hour per webinar
Complete 8 webinars to receive a course completion certificate!

CONTACT

Heather Dylla
202-366-0120
Heather.Dylla@dot.gov

Monica Jurado
720-456-2922
Monica.Jurado@dot.gov