



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 7:30–8:30 PM CET |
| 2 Sustainable Pavement Materials | Sustainability implications of aggregate, asphalt, and concrete pavement materials | November 21, 2019 7:30–8:30 PM CET |
| 3 Sustainable Design Approaches | Design considerations related to sustainability , general and specific design strategies, emerging trends | December 19, 2019 7:30–8:30 PM CET |
| 4 Sustainable Pavement Construction | Construction considerations to improve pavement sustainability, future directions, and emerging trends | January 30, 2020 7:30–8:30 PM CET |
| 5 Maintenance and Preservation | Pavement preservation basics, impacts of preservation on sustainability, sustainable preservation techniques | February 13, 2020 7:30–8:30 PM CET |
| 6 EOL Considerations | End-of-Life (EOL) considerations related to pavement sustainability, EOL options for asphalt and concrete pavements | March 19, 2020 7:30–8:30 PM CET |
| 7 LCCA Part I: Fundamentals | Life-Cycle Cost Analysis (LCCA) concepts, steps in pavement LCCA process, tools to conduct LCCA | April 16, 2020 7:30–8:30 PM CET |
| 8 LCCA Part II: Applications | Key considerations in pavement LCCA, example LCCA applications in sustainability-related applications | May 21, 2020 7:30–8:30 PM CET |
| 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 7:30–8:30 PM CET |
| 10 LCA Part II: EPDs and PCRs | Fundamentals on Environmental Product Declarations (EPDs) and Product Category Rules (PCRs) | July 23, 2020 7:30–8:30 PM CET |

Register Here!

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

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