

Committee on Repurposing Plastics Waste in Infrastructure

Information Gathering Session #1

Web-meeting via Zoom

March 15, 2022

Open session: 12pm-2:30 pm Eastern Time

Agenda

Meeting Purpose

Gather information on research and applications for repurposing plastic waste in asphalt pavements.

- 12:00 pm **Opening Remarks and Introductions**
- David Dzombak, *Committee Chair*
- 12:05 pm **Session on Life-Cycle Analysis and Research**
- Life Cycle Principles and Research for Considering Recycled Plastics in Asphalt Pavements**
- John Harvey, *Professor, Civil and Environmental Engineering, University of California-Davis*
- Repurposing Recycled Plastic in Asphalt Pavements Using the Dry-process: Durability, Sustainability, Economics, and Full-scale Field Demonstrations**
- William Buttlar, *Faculty Chair in Flexible Pavements and Director of the Missouri Center for Transportation Innovation, University of Missouri-Columbia*
- 1:20 pm **Insights on Plastics Manufacturing, Plastics Reclaiming, and Hot-Mix Asphalt Production**
- Chris Wacinski, *Chief Technology Officer, Ecologic Materials Corp.*
 - CJ Dubois, *Senior Technical Service and Development Scientist, Dow*
 - Patrick Weaver, *President, Solterra Materials Inc.*
- 2:30 pm **Adjourn Open Session**