EH&S Roundtable

- Moderator: Howard Marks, NAPA
- Health & Safety: Scott Seamon, Ace-Saginaw
- Environmental: Jim Mertes, Payne and Dolan





EH&S Roundtable

- Perspectives on current EH&S landscape
- COVID-19: programs & vaccination mandates
- Yale and FSU studies: media hype
- Heat Illness / confined space
- The Road Forward / EPDs
- Silica Rule / Respiratory Protection
- Environmental Justice impacts on permitting

EHS

EHSInsight

Perspectives on Current EH&S Landscape

Admin. emboldened on Carbon Reduction and Social Equity



- EPA including Environmental Justice in just about everything
 - Federal 'policy' but many states implementing legis./reg.

OSHA methodically moving forward, albeit more 'prescriptive'
• Recent difficulty w/ their ETSs



- DOT focusing on carbon footprint and project (re)alignment
 - IIJA monies available for projects that reduce carbon / increase sustainability / federal "Buy Clean"

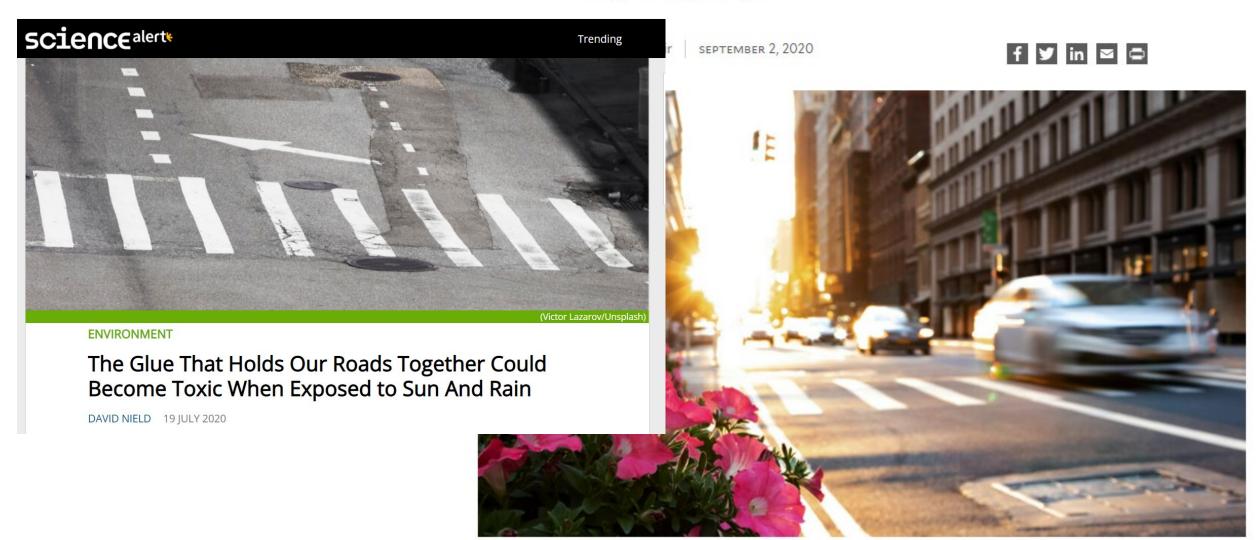
COVID-19: programs & vaccination mandates

- Current requirements: e.g., need COVID Response Plan (NAPA template)
- Ensure compliance with changing requirements (masking, etc.)
- Vax mandate update
 - OSHA employer
 - Federal Contractor
- Focus for this season

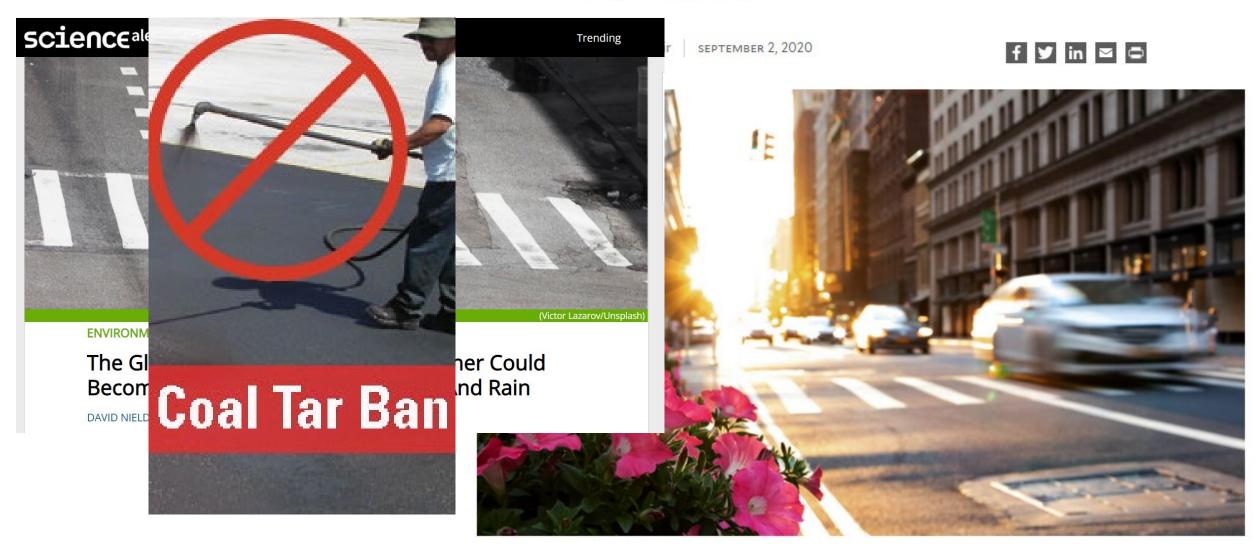


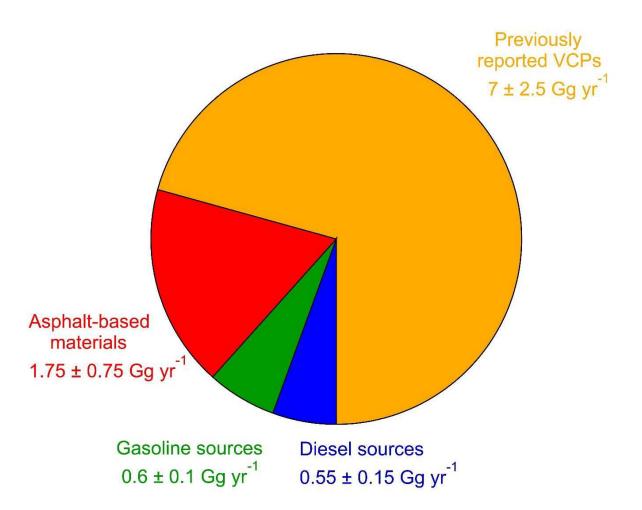


Media Hype



Media Hype

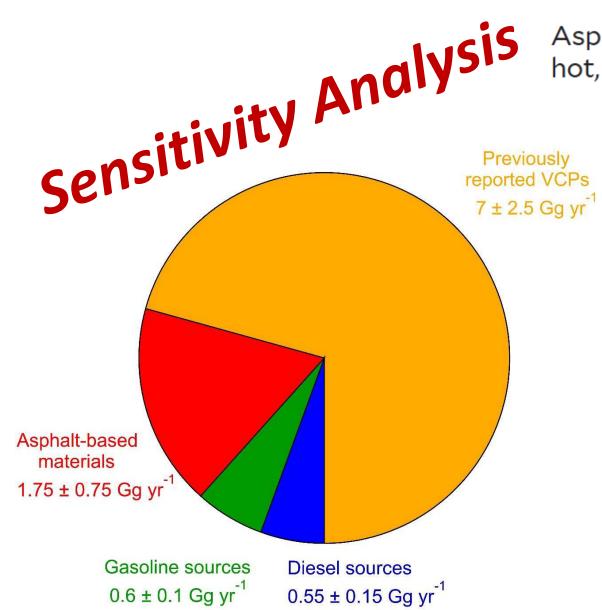




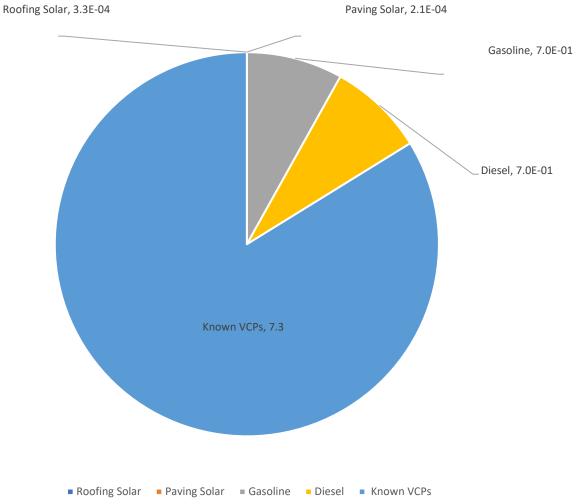


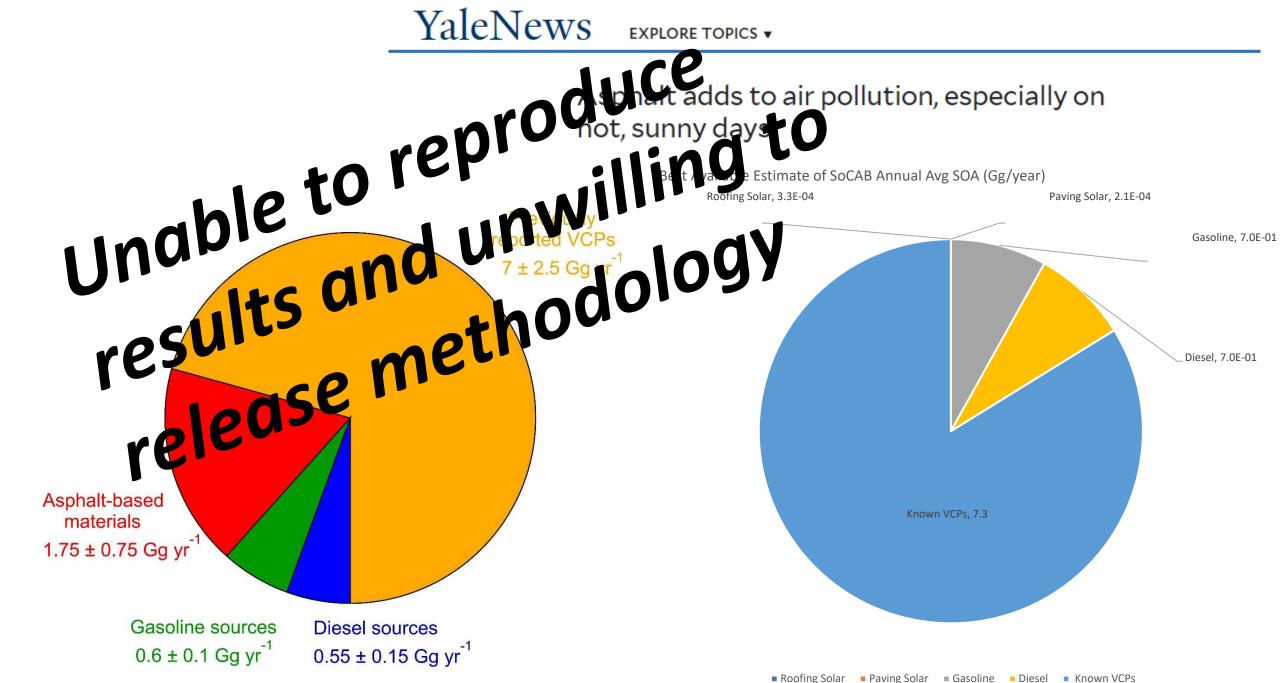












Heat Illness – upcoming national OSHA Standard

- Mostly agricultural concern but OSHA focused on all outdoor workers
- OSHA starting rulemaking process one size doesn't fit all / state Stds.
- Regardless of implementation, OSHA can still cite under General Duty
- Components of an appropriate program



Confined Space guidance

- General requirements
- Gray areas for facility compliance
- Written program is imperative

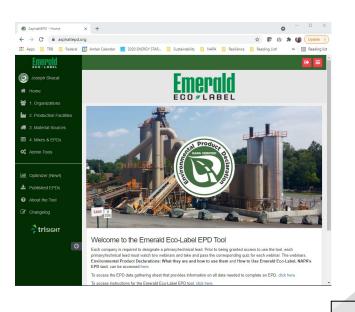




Vision: Sustainable communities and commerce, connected by net zero carbon emission asphalt pavements

Mission: Engage, educate, and empower the U.S. asphalt community to produce and construct net zero carbon emission asphalt pavements





Environmental Product Declarations (EPDs)

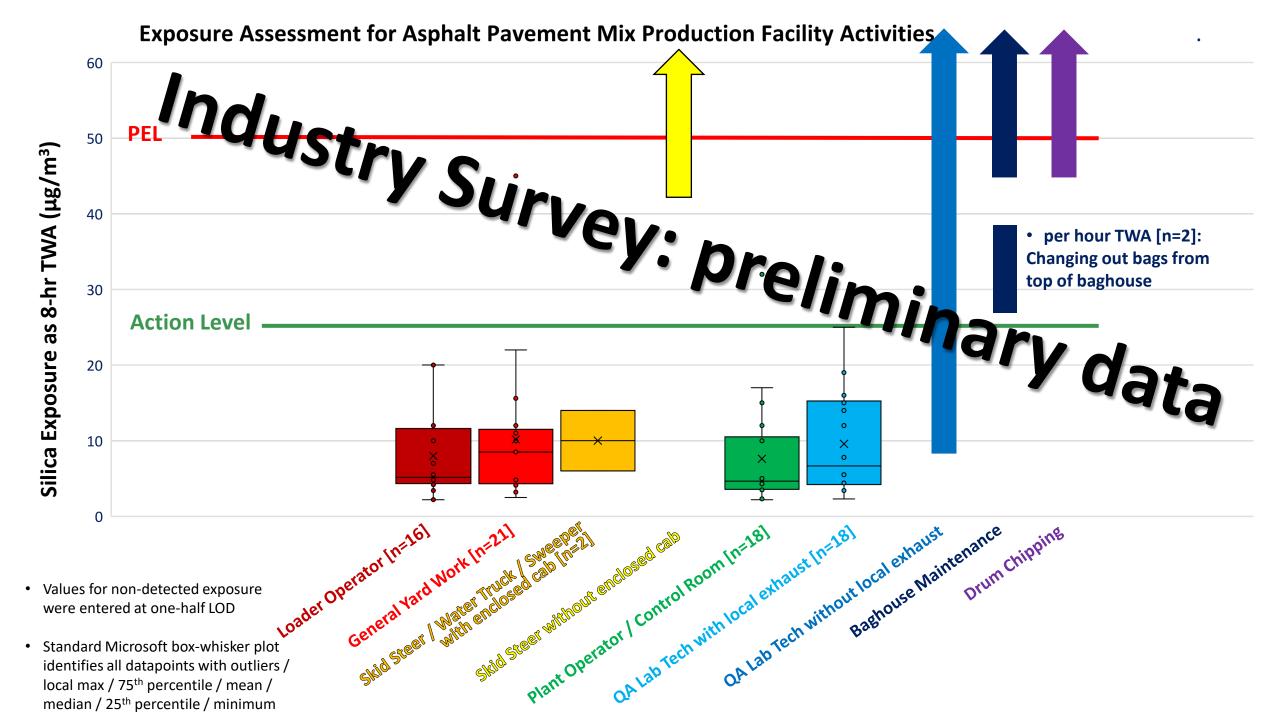
- EPDs quantify GHG emissions (and other env. impacts) associated with asphalt mix production
- Federal, State, Local Agencies are developing "Buy Clean" policies
- Version 2 of Emerald Eco-Label software launches April 1

Learn more at asphaltpavement.org/epd

Silica Rule Compliance: a quick review

- 'Construction' industry uses 'Table 1' controls; e.g., mill vacuum, broom water suppression, etc
- 'General' industry can rely on some Table 1 activities but if not appliable, exposure assessment required
 - Determine/understand activity-based actual or potential exposure
 - If exposure exceeds PEL, try engineering or admin. controls first
- Implement a 'Respiratory Protection Plan/Program' as last resort





Components of a Respiratory Protection Program

- Exposure assessment determines respirator 'protection factor' needed
- Respirator type based on activity, comfort, and PF
 - Air-purifying respirator v. N95 types
 - Appropriate filters
- Fit testing and medical evaluation
- Training and documentation
- Voluntary respirator use
- NAPA to publish guidance with templates



Environmental Justice impacts on facility permitting & operations

- Odor as a driver for complaints manage even if not required
- Toxic Air Contaminants
- Use of Recycled Fuel Oil (RFO) as burner fuel
- Michigan and beyond
 - Industry Amicus Brief
- EPA Region 5 request for permit writer 'training'
- Stack test data collection focus on 'risk drivers'
- Communication efforts: what works?





Bonus: Work Zone Safety Contingency Fund

- NAPA successfully advocated: State DOT road projects can access 100% federal-share payable as 'contingency fund' set-aside to enhance WZS
- NAPA and partners, including AASHTO and others, will be providing model guidance to illustrate how DOTs can access funds
- We encourage DOTs to take advantage of this important flexibility

Bonus: RAP Stockpile Leachate

- Municipal and public uncertainty continues
- Rely and promote the 'science' / recent Univ. of Fla study results