



HEATHER L. DYLLA, PHD
VP OF SUSTAINABILITY AND INNOVATION |
CONSTRUCTION PARTNERS, INC.
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EDUCATION & PROFESSIONAL EXPERIENCE

- + PhD, 2013, Engineering Science, Louisiana State University, Baton Rouge, LA
- + MSCE, 2011, Engineering Science, Louisiana State University, Baton Rouge, LA
- + BSCE, 2006, Civil Engineering, Bradley University, Peoria, IL
- + VP of Sustainability and Innovation, Construction Partners, Inc, Dothan, AL, 2021-present
- + Sustainable Pavement Engineer, Federal Highway Administration, Wash., D.C., 2017-2021
- + Dir. of Sustainable Engineering, National Asphalt Pavement Assoc., Lanham, MD, 2013-2017

SUMMARY

Dr. Heather Dylla is the VP of Sustainability and Innovation at Construction Partners Inc. She has over 10 years of experience leading transportation infrastructure sustainability initiatives that incorporate principles of life cycle thinking into the design and decision-making process. Her experience includes working with both government agencies and industry in developing programs to reduce the embodied carbon of our transportation infrastructure. Recognized as an industry leader, Heather serves on many sustainability technical committees through national organizations such as the Transportation Research Board, the American Center of Life Cycle Assessment, and the National Asphalt Pavement Association and local associations such as the Alabama Asphalt Pavement Association (through membership CPI's subsidiary Wiregrass Construction Company, Inc). She has authored/co-authored over 30 peer papers and has advised national policy efforts related to embodied carbon and pavement design.

RELEVANT EXPERIENCE

- + VP of Sustainability and Innovation (Current) – Responsible for Corporate GHG Accounting, Environmental Product Declarations, Overall Corporate Sustainability Strategy, Policies, and Key Performance Indicators
- + FHWA Sustainable Pavements Engineer (2017-2021) – Facilitated Creation of the Following: Tools – [LCA Pave](#), [Sustainability Checklist](#) | Communication and Outreach – FHWA Sustainable Pavements Program newsletter, website, [Interactive Dashboards](#), [Case studies](#), [videos](#), infographics, [workforce development flyers](#) [trade articles](#) | Guidance – [one-pagers](#), [webinar series](#), [ACLCA PCR Guidance](#), [techbriefs](#) | Peer Exchanges and Stakeholder Meetings | Funding: AID-PT.

RELEVANT PUBLICATIONS

- + Elnaml, I., Dylla, H., Liu, Ju., Mohammad, L., and Cooper, S. III (2023-expected). "Incorporating Environmental Impact Analysis into Louisiana's Balanced Asphalt Mixture Design" Transportation Research Record. Tentatively accepted.
- + Rangelov, M., Dylla, H., Sivanewaran, N, and Mukherjee, A, (2021). "Use of environmental product declarations (EPDs) of pavement materials in the United States of America (USA) to ensure environmental impact reductions." Journal of Cleaner Production, Vol. 283, 124619.