



## Prof. Makarand (Mark) Hastak, PhD, PE, CCP, CRIS, MASCE, Principal Consultant

Dr. Hastak is Professor and Dernlan Family Head of Construction Engineering and Management as well as Professor of Civil Engineering at Purdue University. He has been involved with the construction industry for the past 35 years where he has conducted research, taught, and assisted industry in construction engineering and management including process improvement, disaster risk reduction, infrastructure management, cost control, project management decision-making, risk management, and strategic planning. He is a Professional Engineer (PE), a Certified Cost Professional (CCP), and a Construction Risk Insurance Specialist (CRIS). As an academic, he has worked on numerous Construction Industry Institute (CII) projects over the past 30 years.

He is the current President of the International Council for Research & Innovation in Building & Construction (CIB). Dr. Hastak has authored and co-authored over 200 publications related to process improvement, project controls, capital rehabilitation planning, strategic planning and decision-making based on his work. He has co-authored a widely used book on *Infrastructure Planning, Engineering, and Economics* published by McGraw-Hill (2006 and 2015). He served on the Education Board of the Association for Advancement of Cost Engineering (AACE) for twelve years (2004-16) where he edited two books, the 6<sup>th</sup> Ed of the Skills and Knowledge of Cost Engineering (2015) and the 2<sup>nd</sup> Ed of the CCP Certification Study Guide (2016).

**Litigation Support** - Dr. Hastak offers expert witness services and has given expert deposition several times in the last years. His services include case reviews, written reports, depositions, and trial testimony as needed.

## Areas of Service:

Construction EngineeringConstruction Management

□ Construction Safety/OSHA

- Modular Construction
- Patent Infringement
- Factory Built Construction
- Cost OverrunsSchedule Delays
- Infrastructure Planning
  - Data Center Construction

## Representative Examples of Engagement Experience (Last 5 years)

- Eminent Domain Services, LLC, Madison, WI (2022-) Transmission line special assessment challenge/appeal (Expert Affidavit for Plaintiff, Attorney: Erik Olsen).
- Lanier Law Group, P.A. (2022). In the General Court of Justice, Superior Court Division, County of Wake, State of North Carolina – Trench Accident (Expert Witness for Plaintiff, Attorney: Robert O. Jenkins)
- Darylaine Hernandez, LLC (2022-). In the Circuit Court of the Fifth Judicial Circuit, in and for Marion County, Florida Sink Hole Accident (Expert Witness for Plaintiff, **Deposition**, Attorney: Michael Toole and Darylaine Hernandez)
- Nelson Mullins Riley & Scarborough, LLP (2022-). In Southern District of West Virginia Contractual Dispute (Expert Report for Defendant, **Deposition**, Attorney: Alex Frampton)
- Banks and Brower, LLC (2022). In Southern District of Indiana Loss amount and restitution (Expert Report for Defendant; Attorney: Matt Kubacki)
- Clendening, Johnson, & Bohrer (2022). In the Monroe Circuit Court 1, Indiana Construction Safety (Expert Report for Defendant; Attorney: Justin Schwemmer)
- Goering Law (2021-). Raymond J. Lilly vs Miracle Mod Homes, LLC Modular Home (Expert for Plaintiff, Attorney: Wilmer E. Goering, II)
- Zane D. Smith & Associates, Ltd (2021-). In the Circuit Court of Cook County, Illinois Road Safety (Expert Report for Plaintiff; Attorney: Boris Samovalov)
- Consultant, Tata Projects Ltd, India, (2021). "Guaranteed Maximum Price Contracts."
- Williams Barrett & Wilkowski, LLP (2020-21). In Delaware Circuit Court, No. 1, IN Const Safety (<u>Expert</u> for Defendant; Attorney: Danny Paul)

- Project Risk Management
- Disaster Recovery
- Disaster Mitigation
- □ Trade Secret Misappropriation
- □ Contracts & Warranties

- Moore & Portelli (2020-21). In Circuit Court of Lake County, IN–Const Safety (<u>Expert</u> for Defendant; Attorney: Jim Portelli)
- Joseph Wade Law (2020). Infrastructure damage claim-GDOT (<u>Expert</u> for Defendant; Attorney: Joseph Wade)
- Joseph Wade Law (2020). Infrastructure damage claim-MNDOT (<u>Expert</u> for Defendant; Attorney: Joseph Wade)
- Watkins Calcara, Chtd. (2020). Infrastructure damage claim-KDOT (<u>Expert</u> for Defendant; Attorney: Allen Glendenning)
- Eminent Domain Services, LLC, Madison, WI (2020-21): 3-Cases on Road construction special assessment challenge/appeal (<u>Expert</u> for Plaintiff; Deposed on one case; Attorney: Erik Olsen).
- Clendening, Johnson, & Bohrer (2019). In the Jackson Superior Court 1, Indiana Construction Safety (<u>Expert</u> Consultation for Defendant; Attorney: Belinda Johnson-Hurtado)
- Norris Choplin Schroeder LLP (2019), Indiana Commercial Court, Marion Superior Court 12, State of Indiana – Project Controls (<u>Expert</u> Report for Defendant, Deposition; Attorney: Scott Harkness)
- Palmieri, Tyler, Wiener, Wilhelm & Waldron LLP (2019- 2021), Superior Court of the State of California, for the County of Riverside– Construction Safety (<u>Expert</u> for Defendant; Attorney: Doug Robinson).
- Clendening, Johnson, & Bohrer (2019). In the Monroe Circuit Court, Indiana Construction Safety (<u>Expert</u> Report for Defendant; Attorney: Belinda Johnson-Hurtado)
- Attorney Corbin Fowler (2019), Lindskog v. NIPSCO, IN Road Safety (Expert Report for Plaintiff)
- <u>Chief Quality Reviewer</u>, Cambridge Innovation Consulting Ltd (2018) Innovation Practices of E. Asian Infra Companies.
- Procopio, Cory, Hargreaves & Savitch LLP (2017-18), Bladeroom v. Emerson, United States District Court, Northern District of California, San Jose Division – Modular Construction/Trade secret misappropriation (<u>Expert</u> Report for Defendant, Deposition; Attorneys: Chris Jaczko, Robert Sloss and, Mindy Morton)
- Sudekum, Cassidy & Shulruff, Chtd (2017-18), Hedrick v. TJ Materials, Lake Superior Court, Gary, Indiana – Construction Safety (<u>Expert</u> for Defendant, Deposition, Evidence Deposition; Attorney: Mark Sickles)

## **Education and Certifications**

- PhD Civil Engineering/Construction Engineering and Management, Purdue University (Indiana)
- Advanced Certificates in (1) Strategic HR Management, (2) Financial Management, and (3) Exec Leadership – 2014 – Cornell Univ (NY); (4) 30-Hour OSHA Hazard Recognition Training for the Construction Industry (2019)
- MS Civil Engineering/Construction Engineering and Management, University of Cincinnati (Ohio)
- BE Civil Engineering, Nagpur University (India)