



Hastak Consulting Services, LLC

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

Dr. Hastak is Professor and the Derran Family Head of the Division 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 32 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. Dr. Hastak is a Professional Engineer (PE) and 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 28 years.



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 6th edition of the Skills and Knowledge of Cost Engineering (2015) and the 2nd Edition of the CCP Certification Study Guide (2016).

Litigation Support - Dr. Hastak offers expert witness services to attorneys representing both plaintiff and defendant. He 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:

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| <input type="checkbox"/> Construction Engineering | <input type="checkbox"/> Modular Construction | <input type="checkbox"/> Project Risk Management |
| <input type="checkbox"/> Construction Management | <input type="checkbox"/> Patent Infringement | <input type="checkbox"/> Disaster Recovery |
| <input type="checkbox"/> Cost Overruns | <input type="checkbox"/> Factory Built Construction | <input type="checkbox"/> Disaster Mitigation |
| <input type="checkbox"/> Schedule Delays | <input type="checkbox"/> Infrastructure Planning | <input type="checkbox"/> Trade Secret Misappropriation |
| <input type="checkbox"/> Construction Safety/OSHA | <input type="checkbox"/> Data Center Construction | <input type="checkbox"/> Contracts & Warranties |

Representative Examples of Engagement Experience

- Consultant/Expert Witness Service, Fort Wayne MHC, LLC, Indiana (2019-) – Water usage
- Expert Witness Service, Clendening, Johnson, & Bohrer (2019-). In the Jackson Superior Court 1, Indiana – Construction Safety (Expert for Defendant; Attorney: Belinda Johnson-Hurtado)
- Expert Witness Service, Norris Choplin Schroeder LLP (2019-), Indiana Commercial Court, Marion Superior Court 12, State of Indiana – Project Controls (Expert Report for Defendant, Deposition; Attorney: Scott Harkness)
- Expert Witness Service, Palmieri, Tyler, Wiener, Wilhelm & Waldron LLP (2019-), Superior Court of the State of California, for the County of Riverside– Construction Safety (Expert for Defendant; Attorney: Doug Robinson).
- Expert Witness Service, Clendening, Johnson, & Bohrer (2019). In the Monroe Circuit Court, Indiana – Construction Safety (Expert Report for Defendant; Attorney: Belinda Johnson-Hurtado)
- Expert Witness Service, Attorney Corbin Fowler (2019), Lindskog v. NIPSCO, Indiana – Road Safety (Expert Report for Plaintiff)
- Chief Quality Reviewer, Cambridge Innovation Consulting Ltd (2018) – Innovation Practices of East Asian Infrastructure Companies
- Expert Witness Service, 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 (Expert Report for Defendant, Deposition; Attorneys: Chris Jaczko, Robert Sloss and, Mindy Morton)
- Expert Witness Service, Sudekum, Cassidy & Shulruff, Chtd (2017-18), Hedrick v. TJ Materials, Lake Superior Court, Gary, Indiana – Construction Safety (Expert for Defendant, Deposition, Evidence Deposition; Attorney: Mark Sickles)
- Principal Investigator, The Evaluation of Warranty Provisions on ODOT Construction Projects, Nov 2000 – December 2003, Ohio Department of Transportation (ODOT)
- Performance Assessment for P.T. Tripatra Engineers and Constructors, Jakarta, Indonesia through Purdue Enterprise Company (PEC) LLC and the EPCOM Consortium at Purdue University, July-Aug, 2016.
- Principal Investigator on projects funded by Construction Industry Institute (CII), DOTs, NSF and others

Education and Certifications

- PhD Civil Engineering/Construction Engineering and Management, Purdue University (Indiana)
- Advanced Certificates in (1) Strategic Human Resource Management, (2) Financial Management, and (3) Executive Leadership – 2014 – Cornell University (New York); (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)