



## Dr. Qingbin Cui

**Assistant Professor of Civil and Environmental Engineering**

**Ph.D. Civil Engineering, Purdue University, 2005**

Dr. Cui is a civil engineer specializing in infrastructure management and economics. Immediately prior to joining UMD, he was Assistant Professor of Civil Engineering at the University of Alabama. Prior to his academic appointment, he was a consultant for China Fortune Investment, providing project feasibility analysis. Prior to that, he worked as a field engineer, team leader, and project manager for SINOPEC. He also served as an estimator in the Kaifeng-Luoyang Expressway project funded by the World Bank. Dr. Cui is an active researcher and has conducted research projects supported by state DOTs, CII, construction industry, etc. His recent research focuses on project delivery and financing, front end planning, contract reliability, and carbon projects.

### HONORS and AWARDS

2007 ASCE ExCEED Fellow  
2006 Who's Who in Engineering Higher Education

### PROFESSIONAL SERVICE

#### Academic and Industry Experience

2005 – present University of Maryland, Assistant Professor  
2005 – 2008 University of Alabama, Assistant Professor  
2001 – 2005 Purdue University, Research Assistant  
2000 – 2001 University of Cincinnati, Research Assistant  
2000 China Fortune Investment Ltd, Consultant  
1993 – 1997 SINOPEC Henan Oilfield Co., Site Engineer, Team Leader, and Project Manager  
1993 Henan Province Highway Administration, Intern Estimator

#### Professional Membership

2005 – present ASCE Construction Research Council  
2005 – present INFORMS - Decision Analysis  
2005 – present Professional Risk Managers' International Association  
2008 – present International Code Council  
2007 – present Editorial Board, Journal of Management in Engineering

### RESEARCH INTERESTS

Infrastructure Finance and Procurement  
Contract Reliability and Performance Contracting  
Sustainability and Carbon Projects

### RECENT PUBLICATIONS

Sees\*, E. Cui, Q., and Johnson, P.W. (2009) "Assessing Legal Implications of Using Performance Warranty in Highway Projects". ASCE, *Journal of Management in Engineering*, 25(3), pp115-121.

Cui, Q. Hastak, M., and Halpin, D.W. (2009) "Systematic Analysis of Project Cash Flows Management". *Construction Management and Economics* (Accepted)

Ossman, C., Bayraktar, M.E., and Cui, Q. (2009). "Consistency and Reliability of Construction Arbitration Decisions: An Empirical Study". ASCE, *Journal of Management in Engineering* (to appear)

Moynihan, G., Zhou\*, H., and Cui, Q., (2009) "Stochastic Modeling for Pavement Warranty Cost Estimation", ASCE, *Journal of Construction Engineering and Management*, 135(5) 352-359.

Cui, Q., Johnson, P., Quick\*, A., and Hastak, M. (2008) "Valuing the Warranty Ceiling Clause on New Mexico Highway 44 Using a Binomial Lattice Model". ASCE, *Journal of Construction Engineering and Management*, 134(1) 10-17