

Morteza Farajian

EDUCATION

- PhD Candidate in Project Management Program**, GPA: 3.75 (01/10–Present)
University of Maryland, College Park, MD
- M.Sc. in Civil Engineering, Project Management Program**, GPA: 3.7 (09/08–12/09)
University of Maryland, College Park, MD
- B.Sc. in Civil Engineering**, GPA: 3.85 (08/03–12/07)
American University of Sharjah (AUS), Sharjah, UAE

PROFESSIONAL EXPERIENCE

- **Project Control/Assistant Project Manager**, Facilities Management, University of Maryland (01/10–Present)
- Project Management Assistance in preparing proposals and contract administration
 - Evaluating bid documents and proposals received from contractors
 - Controlling cost and schedule for multiple new construction and renovation projects
 - Preparing financial reports and variance reports
 - Modifying schedules, plans and contract documents as required
 - Working as owner representative on Design-Build projects reviewing project progress reports
- **Graduate Research/Teaching Assistant**, University of Maryland (09/08–01/10)
- Worked as a team member on development of “Public Private Partnership (P3) Feasibility Analysis Toolkit (P3FAST) and guidelines” for Alabama Department of Transportation.
 - Contributed significantly in preparing the report “Evaluation of Public Private Partnership Proposals”
 - Conducted research in proposal evaluation, contract design & option pricing, Innovative delivery methods, VfM and Benefit-Cost Analysis, financial engineering, economic impact analysis.
 - Worked on development of collaborative multi-objective decision support systems using VB
 - Worked on Operations Research projects applying Optimization and mathematical modeling
- **Project Manager**, MAN Construction Company, Tehran, Iran (09/07–09/08)
- Construction Management of a nine story commercial building
- **Project Manager-Intern**, MAN Construction Company, Tehran, Iran (04/07–09/07)
- Construction Management of a nine story office building
- **Structural Designer-Intern**, Ashamed Helicopter Cooperative Company, Tehran, Iran (05/06–09/06)
- Designed structural elements using SAP and worked with AutoCAD
- **Technical Assistant**, Industrial Development and Renovation Organization of Iran (IDRO) (06/00–08/03)
- Rendered consultancy and support services to foreign investors

TECHNICAL SKILLS

- Project Management & Portfolio Management tools : MS Project, Primavera, Portfolio Analyzer 4.0.2
- Risk Management and Decision Support Tools: @ Risk, ART, Dymonda
- Linear and Stochastic Optimization: GAMS, LINDO
- Mathematical and Statistical Tools: STATA, MATLAB
- Engineering Programs: BIM, SAP, ETABS, ANSYS, SAFE, AutoCAD
- Office Software and Programming Applications: Microsoft Office, VBA, Acces, Photoshop

PUBLICATIONS

Farajian, M. and Cui, Q. (2011). "A Multi-Objective Decision Support System to enhance funding strategies in PPP projects", Accepted in 2011 IRNOP 2011, June 19-22, 2011, Montréal, Canada.

Farajian, M. and Cui, Q. (2011). "A Multi-Attribute Decision Support System for Public Private Partnership (PPP) projects ", Accepted in 2011 ASCE Workshop of Computing in Civil Engineering, June 19-22, 2011, Miami, FL.

Cui, Q. Sharma, D. and Farajian, M. (2010). "Feasibility Study Guideline for Public Private Partnership Projects: Vol I & II", University Transportation Center for Alabama available on http://ntl.bts.gov/lib/35000/35000/35083/08403-Final-Report_.pdf

Cui, Q. Sharma, D. and Farajian, M. (2010). "Evaluation of Public Private Partnership Proposals"

Farajian, M. and Cui, Q. (2010). "Estimating Transaction Cost in Public-Private Partnerships", 2010 AEC Innovation Conference, June 9-11,2010, State College, PA.

Farajian, M. (2010). "Estimating Transaction Cost in transportation Public-Private Partnerships in the US", Master thesis, University of Maryland, College Park, MD.

Farajian, M., & Talachian, S. (2007). "The youth and the environment: Managing water crisis in the UAE". Sharjah: Green Gulf Inc.

CONFERENCES & PRESENTATIONS

- Poster presentation at the TRB 90th Annual Meeting in DC (2011)
Title: "Feasibility Study Guidelines & Toolkit for PPP Procurement on Highway Projects"
- Presented at the 6th IAEC Conference (IAEC) in Penn State University (2010);
Title: "Transaction Cost in Public Private Partnerships"; Published in the Conference proceedings.
- Poster presentation at the TRB Surface Transportation Conference in New Orleans (2010) ;
Title: "PPP Project Evaluation Toolkit"
- Benefit Cost Analysis Society Annual Meeting, Washington DC (2010)
- Project Management Global Congress, Washington DC (2010)
- 4th TRB Surface Transportation Finance, New Orleans (2010)
- FIATECH technology conference, Las Vegas, NV (2009)
- Public Private Partnership (PPV) Conference, Washington, DC (2009) (2010)

HONORS & AWARDS

- Scholarship Recipient from Project Management Program at UMD to attend PMI conference(2010)
- Fellowship recipient from Civil Engineering Department, University of Maryland (2009)
- FIATECH technology conference scholarship recipient (2009)
- Sheikh Khalifa Scholarship Recipient from UAE government (2007)
- Awarded the first prize for the best innovative graduation project (2007)
- UNEP Scholarship recipient for TUNZA 2007 conference in Germany(2007)

PROFESSIONAL MEMBERSHIPS

- Friend Member of TRB Taxation and Finance committee (since 2010)
- Member of Young Professionals in Transportation (YPT) (since 2010)
- Member of Project Management Institute (PMI) (since 2008)
- Member of Engineers Without Borders (EWB) (since 2008)
- Member of American Society of Civil Engineers (ASCE) (since 2003)
- President of ASCE-Student Chapter at AUS (2006 & 2007)
- Peer reviewer for TRB conference proceedings (taxation and finance committee) (since 2010)
- Peer reviewer for ASCE ICVRAM_ISUMA conference proceedings (since 2010)