

OMAR AL HATTAMLEH
Associate Professor of Civil Engineering

Current Work Address:

Associate Professor
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EDUCATION

- PhD: Civil Engineering, Washington State University, Pullman, WA, USA, Dec., 2003
Dissertation: Investigation of the Deformation of Granular Materials: A Micromechanics Approach
- M.Sc.: Civil Engineering, Jordan Univ. of Science & Tech., Irbid, Jordan, 1995
Thesis: Experimental evaluation of the subsurface contamination by kerosene on soil pile interaction in clayey soil
- B.Sc.: Civil Engineering, Jordan Univ. of Science & Tech., Irbid, Jordan, 1993.

AWARDS

- 2004 John A. Roberson Thesis/ Dissertation Award, Department of Civil and Environmental Engineering, WSU
- 2008 Certificate of appreciation awarded as a member of paper review committee for sixth international conference on case history in Geotechnical Engineering, Distance and Continuing Education, University of Missouri – Rolla

PROFESSIONAL EXPERIENCE

- 10/2016-present: Associate Professor, Hashemite University
- 10/2011-10/2016: Chairman of Civil Engineering Department, Fahd Bin Sultan University, Tabuk, Kingdom of Saudi Arabia
- 2/2011-10/2011: Chairman of Civil Engineering Department, Hashemite University
- 10/2010-10/2011: Associate Professor, Hashemite University
- 2005 – 2010: Assistant Professor, Hashemite University

6/2006 - 9/2006: Visiting Professor, Washington State University

2004 – 2005: Research Associate, Washington State University

2000 – 2003: Research Assistant, Washington State University.

1999 – 2000: Research Assistant, University of Colorado, Boulder, CO.

1997 – 1999: Office Engineer at Dams Directorate, Jordan Valley Authority, Ministry of Water and Irrigation, Amman, Jordan.

1995 – 1997: Site Engineer at Dams Directorate, Jordan Valley Authority, Ministry of Water and Irrigation, Amman, Jordan.

1993 – 1995: Research and Teaching Assistant, Civil Engineering, Jordan University of Science & Technology.

1993 – 1993: Site engineer in improvement of Irbid Portable water networks project with Jordanian Consulting Engineer, Amman, Jordan.

AFFILIATIONS

- American Society of Civil Engineers (ASCE), Associate Member.
- Geo-Institute, American Society of Civil Engineers (ASCE).
- Jordanian Engineers Association

TEACHING EXPERIENCE

- Fahd Bin Sultan University
 - Taught, Structural Mechanics, Engineering Materials, Fluid Mechanics, Environmental Engineering, Geotechnical Engineering.
- Hashemite University
 - Taught Geotechnical Engineering, Foundation Engineering and Design, Statics, Computer Aided Engineering Drawing, Visual Communication, Engineering Drawing, and laboratory courses in Soil Mechanics
- Washington State University
 - Lectured in undergraduate classes on selected topics on geotechnical engineering, soil and site improvement, and foundations.
- Jordan University of Science and Technology
 - Assisted with the teaching of many graduate and undergraduate courses in Civil Engineering including Statistics for Civil Engineers, Fluid Mechanics, Engineering Drawing, Soil Mechanics and Foundation Engineering.

- Conducting many short courses in the topics of slope instability, foundation design and soil evaluation and testing.
- An ability to teach any service courses offered by civil engineering department.

RESEARCH EXPERIENCE

- Numerical and Experimental Investigation of the Environmental Impact of the Dead Sea level fluctuation on the Eastern Part of Dead Sea (fresh/salt water interface migration, Sinkholes Formation and Red Sea-Dead Sea Canal effects)
 - The objectives of this study are: (1) to evaluate the effects of Dead Sea water level changes on the aquifers bordering the Dead Sea, (2) to construct a conceptual and numerical models for the costal aquifers in the Dead Sea basin concerning in the water balances for these aquifers, (3) to characterize the water-chemistry and aquifer properties, (4) to provide means for early warning of seawater intrusion and sinkholes formation, and (5) to investigate the Red Sea-Dead Sea Canal impact in the study area in terms of sinkholes formations.
- Evaluation of Soil Collapsibility in Selected Jordanian Soils Using Non Destructive Technique.
 - The objectives of this study are to evaluate the effect of pore water-chemistry, soil structure, and exertion of applied load in hydraulic and dry collapsibility of soils.
- The Role of Particle Crushing in the Mechanical Properties of Granular Materials, the Objective of the Proposed Research are:
 - To conduct laboratory investigations on the evolution of crushing in granular materials. The laboratory investigation will involve tests that induct; crushing in granular materials (static and dynamic compression and shear tests). The evolution of crushing in these tests will be evaluated by comparing the grain size distribution curves before and after the crushing tests.
 - To evaluate the changes in engineering properties caused by the crushing process. The engineering properties will be evaluated before and after crushing are: hydraulic conductivity, shear strength and the elastic moduli of the granular materials tested.
- Characterization and Measurement of the Evolution of Granular Microstructure, funded by National Science Foundation.
 - This project involves the development of a constitutive theory that incorporates microstructure length scales to predict instability in granular materials. The novel feature of this theory is that the microstructure model parameters are quantified using X-ray computed tomography (CT).
- Design Guide Lines for Wiremesh/Cablemesh Slope Protection, funded by Washington State department of transportation.

- The objective of this project was to develop a rational design method to evaluate the local and global stability of wiremesh/cablemesh rockfall protection systems widely used by the State Departments of Transportation.
- Estimation of rock engineering properties using hardness tests
 - The purpose of this work is to investigate the relationships between the engineering properties of the intact rock and the different types of hardness (Schmidt, shore scleroscope, abrasion, and total hardness), which are relatively cheap and easy to evaluate.
- The use of geosynthetic geotextile to counter heave problem in spread footing in Jordanian expansive soil
 - In this work a numerical simulation was conducted to simulate the effectiveness of use geotextile layer beneath the spread footing to counterpart the unexpected heave.

CONSULTING EXPERIENCE

- Office Engineer at Dams Directorate/ Jordan Valley Authority/ Ministry of Water and Irrigation:
- Site Engineer at Dams Directorate, Jordan Valley Authority, Ministry of Water and Irrigation seconded to Mott MacDonald (UK) at raising Kafra Dam Project to work as a shift engineer at earthmoving section.
- Site engineer in improvement of Irbid Potable water networks project with Jordanian Consulting Engineer.
- Arabs Center for Engineering Studies, L.T.D.: Assess site potential to build a regional airport.

PUBLICATIONS

- **Refereed Journal**
1. **Omar Al Hattamleh**, Faisal AlShalabi, Husam Al Qablan and Taleb Al-Rousan (2010). Effect of grain crushing and bedding plane inclination on Aqaba sand behavior. *Bulletin of Engineering Geology and the Environment*. Volume 69, Number 1, Pages 41-49.
 2. **Omar Al Hattamleh**, B. Muhunthan and Faisal Shalabi (2009)" fabric anisotropy and strain localization of granular media under simple shear" *International Journal for Numerical and Analytical Methods in Geomechanics*. Volume 33 Issue 9, Pages 1255 – 1275

3. **O. Al Hattamleh**, M. Razavi, and B. Muhunthan (2008). "Study of Soil Compaction By Using X-Ray Computed Tomography" *Jordan Journal of Civil Engineering*, 2(2), p. 111-123.
4. **O. Al Hattamleh**, B. Muhunthan, and H.M. Zbib (2007). "Multi-Slip Gradient Formulation for Modeling Microstructure Effects on Shear Bands in Granular Materials", *International Journal of Solids and Structures*, 44(10), p3393-3410.
5. **Omar Al-Hattamleh** (2007). "Effect of initial fabric tensor on localization of dry sand" *Al-Azhar University Engineering Journal, JAUES* Vol. 2(3), p913-926.
6. **O. Al Hattamleh** and B. Muhunthan (2006). "Numerical Procedures for Deformation Calculations in the Reinforced Soil Walls" *Geotextiles and Geomembranes*, Vol. 24, p52-57.
7. **Al-Hattamleh, Omar**; Jeong Cho; Richards, Robert F.; Bahr, David F.; Richards, Cecilia D. (2006) " The Effect of Design and Process Parameters on Electromechanical Coupling for a Thin-Film PZT Membrane" *Journal of Microelectromechanical Systems*, Vol. 15 Issue 6, p1715-1725.
8. **O. Al Hattamleh**, B. Muhunthan, and H.M. Zbib (2005). "Stress Distribution in Granular Heaps Using Multi-Slip Formulation" *International Journal for Numerical and Analytical Methods in Geomechanics*, Vol. 29(7), p713-727.
9. **O. Al Hattamleh**, B. Muhunthan, and H.M. Zbib (2004). "Gradient Plasticity Modeling of Strain Localization in Granular Material" *International Journal for Numerical and Analytical Methods in Geomechanics*. Vol.28 (6), p465-561
10. F. Shalabi, H. Qublan, and **O. Al Hattamleh** (2008). "Elasto-Plastic behavior of Raghadan Tunnel based on RMR and Hoek-Brown Classifications" *Geotechnical and Geological Engineering*, Volume 27, Number 2 / April, 2009, Pages 237-248. DOI 10.1007/s10706-008-9225-0.
11. Shalabi, Faisal I.; Cording, Edward J.; **Al-Hattamleh, Omar H.** (2007). "Estimation of rock engineering properties using hardness tests", *Engineering Geology*, Vol. 90 Issue 3/4, p138-147.
12. Al-Rousan, T. M., Ibrahim A.M., **Al-Hattamleh, O. H.** and Qublan, H. (2008). "Performance of Asphalt Mixes Containing RAP" *Jordan Journal of Civil Engineering*, 2(3), p. 197-207.
13. M. R. Razavi, B. Muhunthan and **O. Al Hattamleh** (2007). "Representative Elementary Volume Analysis of Sands Using X-Ray Computed Tomography" *ASTM Geotechnical Testing Journal*, Vol. 30, No. 3, p1-8.
14. Reyad Al Dwairi, Omar **Al-Hattamleh**, Faisal Al-Shalabi, and Talib Al-Rousan(2009)," Effect of Grain Crushing and Bedding Plane Inclination on Ras en-Naqab Natural Sand Behavior" *Electronic Journal of Geotechnical Engineering* ,vol (14) , L Ppr0996.
15. Al-Rousan, **Al-Hattamleh, O. H.** and Al-Dwairi, R. (2011), "Effect of Inherent Anisotropy on Shear Strength Following Crushing of Natural Aqaba Subgrade Sand" *Jordan Journal of Civil Engineering*, Volume 5, No. 3, 2011, p. 431-445 .

16. Akhtar, M.N., Akhtar, J.N., **Hattamleh** O (2013), “The Study of Fibre Reinforced Fly Ash Lime Stone Dust Bricks With Glass Powder,” *International Journal of Engineering and Advanced Technology* (IJEAT) ISSN: 2249 – 8958, Volume-3, Issue-1, p. 314-319.
17. Al **Hattamleh**, OH., Al-Deeky,HH.,Akhtar, MN. (2013) “The Consequence of Particle Crushing in Engineering Properties of Granular Materials,” *International Journal of Geosciences*, Vol. 4, pp.1055-1060.
18. M.N Akhtar, J.N Akhtar, and O.Hattamleh (2014) “Experimental Study of Fly Ash Based Roof Tiles with Waste Polythene Fibre under Stress-Strain Characteristics” *International Journal of Civil and Environmental Engineering*, ISSN: 1701-8285, Vol.36, Issue.1 1208 .
19. Omar H. **Al-Hattamleh**, Odeh A. Odeh , Hussein Al Deeky , M.N. Akhtar (2015) “Characterizations of Soil Collapsibility: Effect of Salts Dilution” *Journal Of Materials And Engineering Structures* 2 (2015) 33–43.(Web of Science - Clarivate Analytics, Master Journal List, Emerging Sources Citation Index)
20. M. N. Akhtar, J Akhtar, O. H. Al Hattamleh, A. M. Halahla (2016) “Sustainable Fly Ash Based Roof Tiles with Waste Polythene Fibre: An Experimental Study”, *Open Journal of Civil Engineering*, 2016, 6, 314-327.
21. H. Aldeeky, O. Al Hattamleh and B. Abu Alfoul (2015) “Effect of Sand Placement Method on the interface friction of Sand and Geotextile” *International Journal of Civil Engineering*, March 2016, Volume 14, Issue 2, pp 133–138
22. H. Aldeeky and O. Al Hattamleh (2017)” Experimental study on the utilization of Fine Steel Slag as Waste Material on Stabilizing High Plastic Sub grade Soil” *Advances in Civil Engineering*, Volume 2017 (2017), Article ID 9230279, 11 pages; <https://doi.org/10.1155/2017/9230279>.”
23. Hussein Aldeeky . Omar Al Hattamleh (2018)” Prediction of Engineering Properties of Basalt Rock in Jordan Using Ultrasonic Pulse Velocity Test” *Geotech Geol Eng* <https://doi.org/10.1007/s10706-018-0551-6>
24. Husam Al Qablan, Hazim M Dwairi, Omar Al Hattamleh, Samer Rabab'ah (2019). “Simplified Buckling Analysis of Stiffened Laminated Sandwich Plates” *Composites: Mechanics, Computations, Applications: An International Journal*, DOI: 10.1615/CompMechComputApplIntJ.2018027696, pages 69-91.
25. Omar Al Hattamleh, Samer Rabab’Ah, Hussein Aldeeky & Husam Al Qablan (2019) Evaluating aqaba marine sand geotextile interface shear strength, *International Journal of Geotechnical Engineering*, DOI: 10.1080/19386362.2019.1651985.
26. Hazim Dwairi, Omar Al-Hattamleh, Husam Al-Qablan (2019).” Evaluation of live-load distribution factors for high-performance prestressed concrete girder bridges” *Bridge Structures*, vol. 15, no. 1-2, pp. 15-26, 2019.
27. BA Alfoul, O Al Hattamleh, H Aldeeky (2019).” Investigating the effects of Disc Shaped Thumb Tacks as A “Fiber” Reinforcement on Various Concrete Properties,” *Case Studies in Construction Materials*, Volume 11, December 2019, Article e00257.

28. Samar Rabab'ah; Omar Al Hattamleh; Hussein Aldeeky, Mohammad M. Aljarrah, and Husam A. Al_Qablan. (2020). Resilient Response and Permanent Strain of Subgrade Soil Stabilized with Byproduct Recycled Steel and Cementitious Materials. *Journal of Materials in Civil Engineering*, Vol. 32, Issue 6 (June 2020). [https://doi.org/10.1061/\(ASCE\)MT.1943-5533.0003211](https://doi.org/10.1061/(ASCE)MT.1943-5533.0003211).
29. Al Hattamleh, O., Aldeeky, H., Rabab'ah, S., & Taamneh, M. (2020). The effect of Dead Sea salt solution on the engineering properties of expansive subgrade clayey soil. *Arabian Journal of Geosciences*, 13, 405. <https://doi.org/10.1007/s12517-020-05364-0>
30. : Samar Rababah, Hussein Aldeeky, Hisham Qasrawi & Omar Al Hattamleh (2020): Performance of subgrade soil stabilised with by-product recycled mill scale and cementitious materials, *International Journal of Pavement Engineering*, DOI: 10.1080/10298436.2020.1766686
31. Hussein Aldeeky, Omar Al Hattamleh & Samar Rababeh (2020). Assessing the uniaxial compressive strength and tangent Young's modulus of basalt rock using the Leeb rebound hardness test. Accepted for publication in *Materiales de Construcción*.

Refereed Conferences

1. O. Al Hattamleh M. R. Razavi, and B. Muhunthan (2009). "Experimental determination of representative elementary volume of Sands using X-Ray Computed Tomography" Fourth International conference on computational methods and experiments in materials characterization, Ashurst, Southampton, UK. June, 2009. Pp. 145-149.
2. O. Al Hattamleh (2008). "Heave Problem in Spread Footing in Jordanian Expansive Soil" *Sixth International Conference on Case Histories in Geotechnical Engineering*, Arlington, VA, August 11-16, 2008.
3. O. Al Hattamleh (2008). "The Use Of Geotextile To Counter Heave Problem In Spread Footing In Jordanian Expansive Soil" *Proceeding of the 4th Asian Regional Conference on Geosynthetics*, June 17 - 20, 2008 Shanghai, China
4. O. Al Hattamleh and B. Muhunthan (2006). "Microstructure Effects of Strain Localization of Simple Shear in Granular Materials" In *Numerical Modeling and Analysis: Soil and Rock Behavior: ASCE, Geo Congress Geotechnical Engineering in the information Technology Age*, Atlanta, GA, USA, Edited By: Don J. DeGroot, Jason T. DeJong, David Frost, and Laurie G. Baise, 6 pages in CD Format.
5. H. Bardaweel, O. Al Hattamleh, R Richards, D. Bahr, and C. Richards (2006), " A Comparison of piezoelectric materials for MEMS power

generation" The Sixth International Workshop on Micro and Nanotechnology for Power Generation and Energy Conversion Applications, Nov. 29- Dec. 1, 2006, Berkeley, U.S.A., pp. 207-210

6. **O. Al Hattamleh**, B. Muhunthan, and H.M. Zbib (2005). "Predictions of stress dip in granular heaps using multi-slip formulation" *Powders & Grains* 2005 Garcia-Rojo, Hermann and McNamara (eds) p.439-442
7. **O. Al-Hattamleh**, B. Muhunthan, and H. M. Zbib (2004). "Multi-Slip Formulation for Modeling Localization in Granular Materials. In *Geo Jordan 2004: Advances in Geotechnical Engineering with Emphasis on Dams, Highway Materials, and Soil Improvement*. Ed. by K. Alshibli, A.I.H. Malkawi and M. Alsaleh, Irbid, Jordan, ASCE, Geotechnical Practical Publication. 200-213
8. B. Muhunthan, **O. Alhattamleh**, and H.M. Zbib (2003). "Modeling of Localization in Granular Materials: Effect of Porosity and Particle Size" in *Bifurcations & Instabilities in Geomechanics*, Proceedings of IWBI 2002. Eds. J. Labuz and A. Drescher. Balkema. 121-131
9. O. K. Nusier, A. I. Malkawi, A. S. Alawneh, O. H. **Al Hattamleh** and J.M.O. Ababneh (1999). "A seepage control in dam rehabilitation a case study: Kafrein Dam/ Jordan". 1999 International conference on dam safety and monitoring, 19-22 Oct., 1999 TGP Site, Yichang, Hubei, China, 337-344.
10. Omar **Al Hattamleh** (2010). "Localization and Rupture on Dry Sand." The 37th Solid Mechanics Conference, Warsaw, Poland, September 6–10, 2010.
11. O. **Al Hattamleh** (2012) "AN ENHANCED GRADIENT PLASTICITY MODEL FOR CRUSHABLE DRY SAND" Proceedings of International Conference on Engineering and Information Technology Sep. 17-19, 2012, Toronto, Canada, P.5
12. N Akhtar ,**O Hattamleh** and J.N Akhtar (2013)" Utilization of Fine and Ultrafine Fly Ash and Slag Material", UKIERI Concrete Congress Innovation in Concrete Construction 5-8 March 2013, Jalandhar, Punjab India, P12.
13. Omar **AlHattamleh** (2013) "AN ASSESSMENT OF SOIL COLLAPSIBILITY DUE DISSOLUTION OF SALTS" "Seventh International Conference on Case Histories in Geotechnical Engineering" May 1-4, 2013, Chicago, Illinois, USA. P 5.
14. M. N. Akhtar **O. Hattamleh** and J.N. Akhtar (2017)" Feasibility of coal fly ash based bricks and roof tiles as construction materials: a review" MATEC Web of Conferences 120, 03008 (2017) DOI: 10.1051/matecconf/201712003008, ASCMCES-17, (SCOPUS)
15. Omar **Al Hattamleh** and M.N. Akhtar (2017)" Effects of pore fluid salinity on the collapsibility of low plasticity clay" MATEC Web of Conferences 120, 06008 (2017) DOI: 10.1051/matecconf/201712006008, ASCMCES-17, (SCOPUS).
- 16.

- **Presentations**

1. **O. Al Hattamleh (2008).** "The Use Of Geotextile To Counter Heave Problem In Spread Footing In Jordanian Expansive Soil" *Proceeding of the 4th Asian Regional Conference on Geosynthetics, June 17 - 20, 2008 Shanghai, China*
2. **O. Al Hattamleh M. R. Razavi, and B. Muhunthan (2007).** "Experimental determination of representative elementary volume of Sands using X-Ray Computed Tomography" Fourth International conference on computational methods and experiments in materials characterization, Ashurst, Southampton, UK. June, 2009.
3. **Omar Al Hattamleh and B. Muhunthan (2006).** "Microstructure Effects of Strain Localization of Simple Shear In Granular Materials" In Numerical Modeling and Analysis: Soil and Rock Behavior: ASCE, Geo Congress Geotechnical Engineering in the information Technology Age, Atlanta, GA, USA
4. **Omar Al Hattamleh (2005).** Numerical procedure for deformation calculation of the fabrics in the reinforced soil walls" First Middle East International Conference on Advances in Civil, Mechanical and Material Engineering, Amman, Jordan, May, 2005.
5. **O. Al Hattamleh, B. Muhunthan, and H.M. Zbib (2004).** "Multi-Slip Formulation for Modeling Localization and Static Pile Dip in Granular Materials", In Symposium on instabilities across the scales. Cairns, Queensland, Australia, Sept. 2004.
6. **Omar Al Hattamleh (2010).** "Localization and Rupture on Dry Sand." *The 37th Solid Mechanics Conference*, Warsaw, Poland, September 6–10, 2010

- **Technical Reports**

1. Al Hattamleh, O. H. (2008), "Investigation of the Interface Shear Strength Between Some Selected Jordanian Soil and Geotextile," Report Number BD/29/15/5858-4524-1, The Deanship of Research and Graduate Studies, The Hashemite University.
2. B. Muhunthan, S. Shu, N. Sasiharan and **O. H. Al Hattamleh (2005).** "Design Guide Lines for wiremesh/cable mesh slope protection". *Report, Research office Washington State Department of Transportation, WSDOT.* pp 267.
3. **Hattamleh, O., Muhunthan, B., Lowell, S., Badger, T., and Duffy, J.D. (2001).** Controlling rockfalls along highways: I Field Performance of Wiremesh/Cable mesh Systems, Report for WSDOT, pp. 30.
4. Muhunthan, B., and **Hattamleh, O. (2001).** Design guidelines for wiremesh/cable mesh protection: III-, Effect of Snow Loads, and Report for WSDOT, pp. 16.

5. Muhunthan, B., and **Hattamleh**, O. (2001). Design guidelines for wire mesh/cable mesh protection: II-, Consideration of Impact Forces, and Report for WSDOT, pp. 21.
6. Muhunthan, B., and **Hattamleh**, O. (2000). Design guidelines for wire mesh/cable mesh protection: I Overall stability of mesh systems, Report for WSDOT, pp. 22.

GRADUATE STUDENTS:

- Odeh Adel Khalil (2011), Evaluation Soil Collapsibility Due to Presence of Salt Using Ultra Sound Technique
- Co Advisor; Nawal Badran, Estimating Corrosion and Corrosion Propagation of Steel in Concrete Structures Using a Non Destructive Technique, Master of Science
- Member of many thesis examination committees in Hashemite University and Jordan University of Science and Technology.
 - Anas Nairoukh (2010), H'mida Hamidane (2009), etc.

SERVICE:

1. Journal Reviewer:

- ASTM Geotechnical Testing Journal.
- International Journal for Numerical and Analytical Methods in Geomaterials.
- Geotechnical and Geological Engineering Journal.
- Jordan Journal of Civil Engineering
- Soil Dynamics and Earthquake Engineering

2. Conference Reviewer:

- 6th international Conference in Geotechnical Engineering, Arlington, VA, USA, August 11-16, 2008.
- 4th Asian Regional Conference on Geosynthetics, Shanghai, China, June 17 - 20, 2008
- Advances in Geotechnical Engineering with Emphasis on Dams, Highway Materials, and Soil Improvement, Irbid, Jordan, 2004.

3. University Services (Hashemite University):

- Member of the ABET Accreditation Committee, Faculty of Engineering, (2008/09).
- Head of the ABET Accreditation Committee, Department of Civil Engineering, (2008/09).

- Head of the Graduation Project Committee, Department of Civil Engineering, (2007/08).
- Member of the Laboratory Committee, Department of Civil Engineering, (2005/06/07/08/09).
- Member of the Examination Committee, Department of Civil Engineering, (2005/06).
- Member of the Class Schedule Committee, Department of Civil Engineering, (2005/06 and 2007/08).
- Chair, Geotechnical Faculty Search Committee, Department of Civil Engineering, (08 – 09).
- Member, Structures Faculty Search Committee, Department of Civil Engineering, (07/08 and 08/09).
- Member, Materials Faculty Search Committee, Department of Civil Engineering, (07/08 and 08/09).
- Member of the Undergraduate Curriculum Committee, Department of Civil Engineering, (07/08-08/2010)