

## Curriculum Vitae

# Yasir M. H. Al-Badran

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### PERSONAL SUMMARY:

- Academic Rank : Lecturer .
- Languages : English , Arabic .
- Area of Interest: Civil Engineering, Soil and Rock Mechanics, Foundation Engineering, Unsaturated Soils, Soil Compaction, Soil Reinforcement.

### EDUCATION:

- 1993-1994 Baccalaureate degree (Scientific section): Al-Ta'amim Sec. School, Baghdad, Iraq.
- 1994-1998 BSc: Civil Eng. Dept/ College of Eng./ Baghdad University, Iraq.
- 1998-2001 MSc: Civil Eng. Dept (Soil mechanic & Foundation Eng.)/ College of Eng./ Baghdad University, Iraq.
- 2006-2011 PhD: Soil & Rock Mechanics/ Faculty of civil & Environment Eng./ Ruhr-Universität Bochum, Germany.
  - 2006-2009: started PhD in Soil Mechanics/ Bauhaus-Universität Weimar, Germany.
  - 2009-2011: continues PhD in Foundation, Soil & Rock Mechanics/ Ruhr-Universität Bochum, Germany.

### ACADEMIC HONORS AND AWARDS:

- (1) Acknowledgments , Technlogy University , Iraq .
- (2) Acknowledgments , Al-Mustansiriyah University , Iraq .
- (12) Acknowledgments , College of Engineering , Al-Mustansiriyah University , Iraq .

### ACADEMIC /TEACHING EXPERIENCE:

- Years of Experience: 15 years .

### COURSES TAUGHT:

Undergraduate
1- Construction Material (1 <sup>st</sup> class)
2- Soil Mechanics (3 <sup>rd</sup> class)
3- Foundation Engineering (4 <sup>th</sup> class)
4- Engineering Projects (4 <sup>th</sup> class)
5- Advanced Soil Mechanics (MSc)
6- Advanced Soil Improvement (MSc)
7- Geotechnique of Highways (MSc)
8- Unsaturated Soil Mechanics (MSc)

## PROFESSIONAL AFFILIATIONS:

- Iraqi Engineering Union
- ASCE (former).
- Preparation of Soil Laboratory Booklet.

## PUBLICATIONS:

- Papers.  
Number of published scientific researches (15)
- AL-Mufti, A. A, Al-Aghaby, M. D. & Al-Badran, Y. M. 2000a. *Effect of Temperature on Solubility of Gypsum. A Report Submitted to the National Centre for Construction Laboratories (NCCL), Baghdad.*
- AL-Mufti, A. A, Al-Badran, Y. M. & Al-Aghaby, M. D. 2000b. *Solubility of Gypsum in Solution of Sodium Chlorite. A Report Submitted to the National Centre for Construction Laboratories (NCCL),, Baghdad.*
- Al-Badran, Y. M. H. 2001. *Collapse behavior of Al-Tharthar gypseous soil. MSc. thesis, Civil Eng., Baghdad Uni , Iraq.*
- Nashat, I. H., Al-Mufti, A. A. & Al-Badran, Y. M. H. 2001. *Collapse behavior of gypseous soil.4<sup>th</sup> Scientific Conference of Ministry of Housing and Construction, Baghdad, Iraq, 2001.*
- Al-Badran, Y. & Schanz T. 2009. *Yielding surface model of volume change characteristics for unsaturated fine grained soils. 4th Asia Pacific Conference on Unsaturated Soils, 2009 November 23 - 25, Newcastle, Australia (under publication).*
- Al-Badran, Y. & Schanz T. 2009. *Soil water characteristic curve and consolidation of fine grained soils. 4th Asia Pacific Conference on Unsaturated Soils, 2009 November 23 - 25, Newcastle, Australia (under publication).*
- Al-Badran, Yasir M. H. (2011) *Volumetric yielding behavior of unsaturated fine-grained soils. PhD Diss.. Faculty of Civil and Env. Eng., Ruhr-Universität Bochum, Germany.*
- Al-Badran, Y. and Schanz, T. 2012. *Effect of initial density and net stress on air entry value (AEV) for fine-grained soils. Implementation of postgraduate's researches to serve the Society, College of Eng.-Mustansiriyia University, Baghdad, 6-8 May 2012.*
- Al-Badran, Y. and Schanz, T. 2013. *Effect of Suction on Volumetric Yielding Behavior under Different Initial Conditions for Fine-Grained Soils. 1<sup>st</sup> Int. Conference on Geotec. & Trans. Eng. ICGTE 2013, Uni. of Technology, Baghdad, Iraq, 24 to 25of April 2013.*

## PROFESSIONAL DEVELOPMENT

- Certifications.  
1 - Internet and Computing Core Certification (Computer Center/UniversityofBaghdad )
- Attending Local and international conferences



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