CURRICULUM VITA

MOHAMMED BALLY MAHDI

Personal information:

Name: Mohammed Bally Mahdi

Address: Ministry of Higher Education & Scientific Research University of Al Muthanna / College of Engineering Dept. Architecture Engineering . Governorate Samawah District.

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Place and Birth date: Samawah , 1970

Sex: Male

Marital status : Married.

Religion: Iraqi

Social state: Muslim

EDUCATION

PhD UNIVERSITI SAINS MALAYSIA February 2017 Dissertation: "MICROSCOPIC SIMULATION ON THE OPERATION AND CAPACITY OF TOLL PLAZA IN MALAYSIA"

MS University of Baghdad August 1998 Thesis: "THE SPATIAL DISTRIBUTION PATTERN OF THE HUMAN SETTLEMENTS IN THE REGION OF AL-KADHIMIYA"

BS University of Baghdad Civil Engineering June 1994



RESEARCH EXPERIENCE

Several studies about the infrastructure of the North of Baghdad

Institution/ Institute of Urban and Regional Planning July 2001 University of Baghdad

TEACHING EXPERIENCE

No.	Subject	Study Stage	Department
1	Engineering Drawing	First	Chemical Eng. In Al-Muthanna University
2	English language	First	Civil Eng. In Al-Muthanna University
3	Engineering statistic	First	Civil Eng. In Al-Muthanna University
4	Engineering surveying	Second	Civil Eng. In Al-Muthanna University
5	Traffic Engineering	Third	Civil Eng. In Al-Muthanna University
6	Housing Planning	Forth	Architecture Engineering In Al-Muthanna University
7	Housing Design	Forth	Architecture Engineering In Al-Muthanna University
8	Urban Planning	Third	Architecture Engineering In Al-Muthanna University
9	Urban Design	Fifth	Architecture Engineering In Al-Muthanna University
10	Graduated Project	Forth	Civil Eng. In Al-Muthanna University

PUBLICATIONS AND CONFERENCE PAPERS

- Mahdi, M. B., and Leong, L. V. (2013). Evaluation of Toll Plaza Performance Using Queuing Delay. Proceedings of 8th Malaysian Universities Transport Research Forum Conference (MUTRFC 2013)
- Mahdi, M. B., and Leong, L. V. (2015). Assessment of Queue Length and Delay at Toll Plaza Using Microscopic Traffic Simulation. Applied Mechanics and Materials, 802, 387–392. <u>http://doi.org/10.4028/www.scientific.net/AMM.802.387</u>
- Leong, L.V., Mahdi, M.B. and Chin, K.K. (2015). Microscopic Simulation on the Design and Operational Performance of Diverging Diamond Interchange. Transportation Research Procedia, 6, pp.198-212.
- 4. HA Ibrahim, MB Mahdi, BJ Abbas.(2019). Performance Evaluation of Fiber and Silica fume on Pervious Concrete Pavements Containing Waste Recycled Concrete Aggregate. Int J Adv Technol, Vol.10 Iss.2 No:230.

- MB Mahdi, LV Leong, AFM Sadullah. (2019). Use of Microscopic Traffic Simulation Software to Determine Heavy-Vehicle Influence on Queue Lengths at Toll Plazas. Arabian Journal for Science and Engineering volume 44, pages7297– 7311.
- HA Ibrahim, MB Mahdi, BJ Abbas. (2019). Mechanical Properties of Lightweight Aggregate Moderate Strength Concrete reinforcement with Hybrid Fibers. IOP Conference Series: Materials Science and Engineering, International Conference on Civil and Environmental Engineering Technologies, Volume 584, doi:10.1088/1757-899X/584/1/012048.

PRESENTATIONS

- 1. MICROSCOPIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Progress presentation - Juru Toll Plaza. 2015
- 2. MICROSCOPIC TRAFFIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Jawi And Juru Layout. Lembaga-Lebuhraya-Malaysia. 2015.
- 3. MICROSCOPIC TRAFFIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. los view. Lembaga-Lebuhraya-Malaysia, 2016.
- 4. MICROSCOPIC TRAFFIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Progress presentation, service Time. Lembaga-Lebuhraya-Malaysia. 2016.
- 5. MICROSCOPIC TRAFFIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Progress presentation, Batu Tiga Toll Plaza. Lembaga-Lebuhraya-Malaysia. 2016.

WORKSHOP

MICROSCOPIC TRAFFIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Progress presentation _ Final report, Batu Tiga Toll Plaza. Lembaga-Lebuhraya-Malaysia. 2016.

Working Places :

- Ministry of Higher Education & Scientific Research / University of Al Muthanna / College of Engineering \ Dept. Architecture Engineering, 2017-2020.
- 2. Director The Bureau Of Scientific And Consultancy Services/ Engineering College/ Al-Muthanna University. 2018-2020.
- Ministry of Higher Education & Scientific Research / University of Al Muthanna / College of Engineering \ Dept. Civil Engineering ; As a Lecturer and Director the Construction Laboratories in Engineering College From Jun 2008 – 2012 and continuous.
- 4. Al-Rafad Engineering Bureau, Re-Building of Students Buildings ; From 2006 May 2008.
- 5. Consulting Engineering Bureau , Several studies about the infrastructure of the North of Baghdad City ; From 2004 2005.
- 6. Al-Faw General Co. Building three Garages north Baghdad city : From 1999 2002.
- 7. Member of the Iraqi Engineering Union since 1994.

LANGUAGES

Arabic: Native Language **English**: Fluent

COMPUTER SKILLS

- MS office.
- Auto Cad
- Corel Draw.
- VISSIM