السيرة الذاتية

المعلومات الشخصية :

الاسم: محمد بالي مهدي

القومية: عربي

تاريخ الولادة: ١٩٧٠

الحالة الاجتماعية: متزوج

الديانة: مسلم

عنوان السكن:
السماوة / حي الحسين - محافظة المثنى.

الهاتف : موبايل ٠٧٨١٨٨٠٣٣٤٧

الايميل: engmohbaly@gmail.com , engmohbaly@mu.edu.iq

التحصيل الدراسي:

- ١٩٩٤ بكلوريوس هندسة مساحة / جامعة بغداد .
- ١٩٩٨ ماجستير تخطيط / جامعة بغداد / معهد التخطيط الحضري والاقليمي.
- ٢٠١٧ دكتوراه هندسة المرور / جامعة USM الماليزية.

مكان العمل الحالي :

تدريسي في قسم هندسة العمارة / كلية الهندسة / جامعة المثنى – محافظة المثنى.

الخبرات التدريسية:

ت	الموضوع	المرحلة	القسم
١	الرسم الهندسي	الاولى	قسم الهندسة الكيمياوية / جامعة المثنى
٢	اللغة الانكليزية	الاولى	قسم الهندسة المدنية / جامعة المثنى.
٣	الاحصاء الهندسي	الاولى	قسم الهندسة المدنية / جامعة المثنى.
٤	المساحة الهندسية	الثانية	قسم الهندسة المدنية / جامعة المثنى.
٥	هندسة المرور	الثالثة	قسم الهندسة المدنية / جامعة المثنى.
٦	التخطيط الاسكاني	الرابعة	قسم هندسة العمارة / جامعة المثنى.
٧	اساسيات التخطيط	الثالثة	قسم هندسة العمارة / جامعة المثنى.
٨	التصميم الحضري	الخامسة	قسم هندسة العمارة / جامعة المثنى.
٩	الاشراف على مشاريع التطوير الحضري	الخامسة	قسم هندسة العمارة / جامعة المثنى.
١٠	الاشراف على مشاريع التخرج (الدراسات المرورية)	الرابعة	قسم الهندسة المدنية / جامعة المثنى.

البحوث والمؤتمرات المنشورة:

1. 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)

2. 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. http://doi.org/10.4028/www.scientific.net/AMM.802.387

3. 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.

5. Ibrahim, H.A., Mahdi, M.B. and Abbas, B.J., 2019. Efficiency Development of Light Weight High Strength Concrete by using Carbon Fibers. Muthanna Journal of Engineering and Technology (MJET), 7(2).

6. Ibrahim, H.A., Mahdi, M.B. and Abbas, B.J., 2019, August. Mechanical Properties of Lightweight Aggregate Moderate Strength Concrete reinforcement with Hybrid Fibers. In IOP Conference Series: Materials Science and Engineering (Vol. 584, No. 1, p. 012048). IOP Publishing.

7. Mahdi, M.B., Leong, L.V. and Sadullah, A.F.M., 2019. Use of microscopic traffic simulation software to determine heavy-vehicle influence on queue lengths at toll plazas. Arabian Journal for Science and Engineering, 44(8), pp.7297-7311.

8. Leong, L.V., Azai, T.A., Goh, W.C. and Mahdi, M.B., 2020. The Development and Assessment of Free-Flow Speed Models under Heterogeneous Traffic in Facilitating Sustainable Inter Urban Multilane Highways. Sustainability, 12(8), p.3445.

9. Naser, I.H., Mahdi, M.B., Meqtoof, F.H., Etih, H.A. (2021). Modelling trip distribution using the gravity model and Fratar's method. Mathematical Modelling of Engineering Problems, Vol. 8, No. 2, pp. 230-236. https://doi.org/10.18280/mmep.080209.

الورش والندوات العلمية :

1. MICROSCOPIC SIMULATION ON THE BEHAVIOUR OF VEHICLES AT TOLL PLAZAS IN MALAYSIA. Progress presentation - Juru Toll Plaza. Malaysia, 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.

6. 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.

٧. الورشة الالكترونية الموسومة " Intelligent Transportation Systems and their Applications " في كلية الهندسة / جامعة المثنى باستخدام البرنامج Free Conference Call (FCC) , ٢٠٢٠.

٨. الورشة الالكترونية الموسومة " Toll Plazas : The advantages and disadvantages " في كلية الهندسة / جتمعة المثنى باستخدام البرنامج Free Conference Call (FCC) , ٢٠٢١ .

اماكن العمل:

١. كلية الهندسة / جامعة المثنى / وزارة التعليم العالي والبحث العلمي ٢٠٠٨ – ٢٠٢١ .
٢. مدير مكتب الخدمات العلمية والاستشارية في كلية الهندسة / جامعة المثنى ٢٠١٨ – ٢٠٢٠ .
٣. مدير مكتب الخدمات العلمية والاستشارية في كلية العلوم / جامعة المثنى ٢٠١١ – ٢٠١٢.
٤. مدير قسم الشؤون الهندسية في جامعة المثنى ٢٠١٠ – ٢٠١١ .

مهارات الكمبيوتر :

- MS office.
- Auto Cad
- Corel Draw.
- Traffic Simulation Software "VISSIM"

اللغات :

اللغة العربية : اللغة الام

اللغة الانكليزية : بطلاقة.

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.

E-mail : engmohbaly@Gmail.com

Mobil : +964 7818803347

Place and Birth date: Samawah , 1970

Sex: Male

Marital status : Married.

Religion: Iraqi

Social state: Muslim
Field: Public Transportation

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 June 1994
Civil Engineering

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

1. 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)

2. 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. http://doi.org/10.4028/www.scientific.net/AMM.802.387

3. 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.

5. 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.

6. 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.

7. Naser, I.H., Mahdi, M.B., Meqtoof, F.H., Etih, H.A. (2021). Modelling trip distribution using the gravity model and Fratar's method. Mathematical Modelling of Engineering Problems, Vol. 8, No. 2, pp. 230-236. https://doi.org/10.18280/mmep.080209

8. Musa, Sarah Safaaldeen, Noorance Al-Mukaram, and Mohammed Bally Mahdi. "Assessment of Asphalt Mixture Behaviour Containing Recycled Concrete Aggregates." Key Engineering Materials. Vol. 895. Trans Tech Publications Ltd, 2021.

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 :

1. 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.
3. 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.
- Traffic Simulation Software VISSIM