

## Curriculum Vitae- Dr. Nasreen

### **A- PERSONAL INFORMATION:**

Surname: Hussein

First name and initial: Nasreen A.

Date of Birth: 1<sup>st</sup> of January 1978

Nationality: Iraqi Kurdish

Native language: Kurdish

Other languages: English-Arabic-Persian

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### **B- Education and Qualification**

- B.Sc. Engineering/Civil Engineering, University of Duhok, Kurdistan Region, Iraq. 1995-1999.
- M.Sc. Engineering/Civil Engineering/ Transportation Engineering. University of Salahaddin-Erbil, Kurdistan Region, Iraq. 2001-2003.
- PhD Faculty of science, engineering and technology\ Department of Civil Engineering\ Swinburne University of Technology, Melbourne, Australia. 2012-2015. Scholarship from Iraqi Government, Ministry of Higher Education and Scientific Research.

### **C- Previous Occupation:**

- **Academic:**
- Assistant Lecturer, Faculty of Engineering\ Duhok University. 2003-2012.

## **D- Current Occupation**

Lecture, Faculty of Engineering\ Duhok University

## **E- List of Publications (SCIENTIFIC RESEARCH):**

### **Journal papers**

1. Hussein, N. A. 2003. A study of flow-speed-density relationships in Duhok city road network, M.Sc. thesis.
2. Abdul-Razaq, B. N. Hussein, N. A. & Aswad, N. H. 2005. Influence of zones characteristics on the CBD parking in Duhok city, Journal of Duhok University, Vol. 8, No. 2, pp. 143-151.
3. Hussein, N. A. & Saeed A. F. 2008. Development of traffic flow models at networks in Duhok city, Zanko Journal of Salahaddin University, Vol. 20, No. 5.
4. Al-Taie, A.M. Aswad, N.H. & Hussein, N. A. 2012. Characteristics of parking garages within multi-story building in Duhok CBD area, Al-Rafidain Engineering Journal, Vol.20, No. 3, pp.155-166.
5. Hussein, N., Hassan R. (2016) "Surface condition and safety at signalised intersections," International Journal of Pavement Engineering, DOI: 10.1080/10298436.2016.1141411.
6. Hussein, N., Hassan, R. (2016) "An assessment of safety at signalised intersections post resurfacing," International Journal of Transport Development and Integration, 1 (2), pp. 256-266.
7. Hussein, N., Hassan R. (2016) "Evaluating safety effectiveness of surface treatment at signalised intersections: A before and after study," International Journal of Pavement Engineering. DOI: 10.1080/10298436.2016.1234279.

### **Conference Papers**

1. Hussein, N., Hassan, R., Evans, R. (2015) "Assessing the impact of pavement surface condition on the performance of signalised intersections", ICMFA9, International Conference on Managing Pavement Assets, 18-21 May 2015, Virginia, Washington DC. USA.

2. Hussein, N., Hassan, R. (2016) “An assessment of safety at signalised intersections post resurfacing,” Presented in Urban Transport 2016, 21-23 June, Greece.
3. Hussein, N., Hassan, R. (2016) “Safety effectiveness of surface treatment: A comparison of Empirical Bayes and Naïve before and after study”, 2<sup>nd</sup> IRF Asia Regional Congress & Exhibition, 16-20 October, Kuala Lumpur, Malaysia.
4. Hussein, N., Hassan, R., Fahey, M. (2016) “Relationship between intersection geometric characteristics and crash occurrence”, 27 ARRB Conference, 16-18 November, Melbourne, Victoria, Australia.
5. Hussein, Nasreen ; Hassan, Rayya ; Fahey, Michael ; 2018. An assessment of the effect of pavement surface condition on performance of signalised intersections, WIT Transactions in the Built Environment, Proceedings of the 24th International Conference on Urban Transport and the Environment, Seville, Spain, 19–21 September 2018, Vol. 182.

#### **Conference Presentation**

1. Hussein, N., Hassan, R. (2015) “A before and after study of casualty crashes at signalised intersections”, 33rd CAITR Conference. (The Confederation of Australian Institutes for Transport Research.), 12-13 February.

#### **F- TEACHING SKILL:**

Traffic Engineering  
Pavement Management

#### **G- TRAINING COURSES and Workshops:**

- Statistical Workshops\ Swinburne University of technology (2012-2013)
- Scientific seminars and presentations in civil engineering\ Swinburne University of technology 2012.

#### **Referees:**

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