

Curriculum Vitae

A- PERSONAL INFORMATION:

Surname: Alaswadko

First name and initial: Nahla H.

Date of Birth: 15th of September 1977

Nationality: Iraqi, Kurdish

Native language: Kurdish

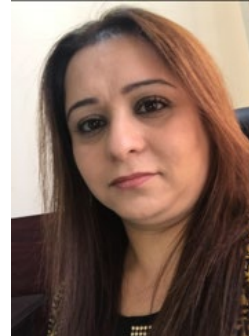
Other languages: English - Arabic

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B- EDUCATION AND QUALIFICATION

- Ph.D. Highway Management, Civil Engineering, Swinburne University of Technology, Melbourne, Australia, 2016.
- M.Sc. Transportation and Bridge Engineering, Civil Engineering, Salahaddin University -Erbil, Kurdistan Region, Iraq, 2003.
- B.Sc. Civil Engineering, University of Duhok, Kurdistan Region, Iraq, 1999.

C- PREVIOUS OCCUPATION:

- **Academic:**
- Assistant Lecturer, Civil Engineering Department/ University of Duhok, 2003-2017.
- Lecturer, Civil Engineering Department, College of Engineering/ University of Duhok, from January, 2017 till now.

D- TEACHING SKILLS:

- Highway Engineering
- Pavement Management
- Pavement Design
- Traffic Engineering

E- SCIENTIFIC RESEARCH:

1. Aswad*, N. H. 2003. Parking Characteristics Study and their Effects in Dohuk City Center, M.Sc. Thesis, University of Salahaddin, Erbil, Kurdistan region, Iraq.
2. Ali, N. S. and Aswad*, N. H. 2004. Parking Planning Program for Dohuk City Center, Journal of Duhok University, Vol. 7, No. 1, pp. 14-22.
3. Aswad*, N. H., Abdulrazaq, B. N. and Hussein, N. A. 2005. Influence of Zones Characteristics on the CBD Parking in Dohuk City, Journal of Duhok University, Vol. 8, No. 2, pp. 143-151.
4. Al-Taei, A. M., Aswad*, N. H., and 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. Alaswadko, N., Hassan, R. and Evans, R. 2015. Effect of Traffic and Environmental Factors on Roughness Progression Rate of Sealed Low Volume Arterials. In: proceedings of the 9th International Conference on Managing Pavement Assets (ICMPA9), 18-21 May, 2015, Virginia, Washington DC. USA.
6. Alaswadko, N., Hassan, R. and Evans, R. 2015. Absolute Deterministic Based Models for Pavement Deterioration of Low Volume Arterials in Victoria/ Australia. Presented in Conference of Australian Institutes of Transport Research (CAITR), February, 2015, Melbourne University, Victoria, Australia.

7. Alaswadko, N., Hassan, R., Meyer, D. and Mohammed, B. 2016. An Absolute Deterministic Model for Permanent Deformation of Low Volume Flexible Pavements. In: proceedings of the 27th ARRB conference, November, 2016, Melbourne, Victoria, Australia.
8. Alaswadko, N., Hassan, R. and Mohammed, B. 2016. A New Approach for Estimating Pavement Rutting Progression. In: proceedings of the 2nd IRF Asia Regional Congress & Exhibition, October 16-20, 2016, Kuala Lumpur, Malaysia, ISBN: 978-0-692-84440-3. Papers access link: <https://www.dropbox.com/s/zbt0mltnuwceqbk/2016-ASRC2-Proceedings.pdf?dl=0>.
9. Mohammed, B., Hassan, R. & Alaswadko, N., 2016. Age models for rural arterials. In: proceedings of the 27th ARRB conference, November, 2016, Melbourne, Victoria, Australia.
10. Mohammed, B., Hassan, R. & Alaswadko, N., 2016. Calibration of HDM-4 road deterioration models for rural arterial in Victoria/Australia. In: proceedings of the 2nd IRF Asia Regional Congress & Exhibition, October 16-20, 2016, Kuala Lumpur, Malaysia, ISBN: 978-0-692-84440-3. Papers access link: <https://www.dropbox.com/s/zbt0mltnuwceqbk/2016-ASRC2-Proceedings.pdf?dl=0>.
11. Alaswadko, N., 2016. Deterioration Modelling of Granular Pavements for Rural Arterial Roads. PhD thesis, December, 2016, Swinburne University of Technology, Melbourne, Australia.
12. Alaswadko, N. 2017. Prediction Modelling Approach for Crack Progression of Heavy Duty Flexible Pavements. Journal of University of Duhok (JDU): Special Issue of the 2nd International Conference of the College of Engineering-University of Duhok: Recent Innovations in Engineering (ICRIE), Duhok, Kurdistan Region, Iraq, Vol. 20, No. 1, p. 307-318, July 2017. ISSN 2521-4861. Available at: <<http://journal.uod.ac/index.php/uodjournal/article/view/40>>. DOI: <https://doi.org/10.26682/sjuod.2017.20.1.28>
13. Alaswadko, N., Hassan, R. and Mohammed, B. 2017. Multilevel modelling of Rutting Progression for Low Volume Roads. RTR, [Road & Transport Research: A Journal of Australian and New Zealand Research and Practice](#) Vol. 26, No 2, July, 2017. <https://search.informit.com.au/documentSummary;dn=024886407636418;res=IELNZC>.

14. Alaswadko, N. and Hassan, R. 2018. Rutting Progression Models for Light Duty Pavements. *International Journal of Pavement Engineering, International Journal of Pavement Engineering*, Vol. 19, no. 1 (Jan., 2018), pp. 37-47.
15. Mohammed, B., Hassan, R. & Alaswadko, N., 2018. The effect of traffic data source on deterioration rates of heavy - duty flexible pavements, *International Journal of Pavement Engineering, International Journal of Pavement Engineering*, Vol. 19, no. 12 (Dec., 2018), pp. 1096-1110.
16. Alaswadko, N., Hassan, R. and Mohammed, B. 2018. Empirical Roughness Progression Models of Heavy Duty Rural Pavements. *World Academy of Science, Engineering and Technology, International Journal of Civil and Environmental Engineering*, Vol. 12, No. 3, 2018. <https://waset.org/publications/10008714/empirical-roughness-progression-models-of-heavy-duty-rural-pavements>.
17. Alaswadko, N., Hassan, R., Meyer, D. and Mohammed, B. 2019. Probabilistic Prediction Models for Crack Initiation and Progression of Spray Sealed Pavements. *International Journal of Pavement Engineering*, Vol. 20, no. 1 (Jan., 2019), pp. 1-11.
18. Alaswadko, N., Hassan, R., Meyer, D. and Mohammed, B. 2019. Modelling Roughness Progression of Sealed Granular Pavements: A New Approach. *International Journal of Pavement Engineering*, Vol. 20, no. 2 (Feb, 2019), pp. 1-11.
19. Alaswadko, N., Hassan, R. and Mohammed, B. 2019. Performance Comparison between Heavy and Light Duty Pavements. Manuscript has been submitted to the *International Journal of Pavement Engineering*, February, 2019.

*Note: Aswad is Alaswadko now.