



الدكتور عبدالرحمن إبراهيم ميلاد

أستاذ مشارك

Civil and Environmental Engineering Department.....

كلية الهندسة والعمارة

جامعة نزوى، سلطنة عمان

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يعمل في الجامعة: منذ 2021

الحالة الاجتماعية:

Teaching & Education , Activity Research in civil engineering, Top 2% Scientist (Stanford University & Elsevier in 2025)

المؤهلات الأكاديمية

Ph.D, Universiti Kebangsaan Malaysia, 2017, Web-Based Expert System for Flexible Pavement Maintenance in Tropical Region

M.Eng, Universiti Kebangsaan Malaysia, 2009, The Effect of Mix Design System on Stripping Potential of Hot Mix Asphalt Mixture Using the Marshall Method

B.Sc., Al-Mergib University, 2007, Survey on the Relevance of Topographic Land at Faculty of Engineering Al-Mergib

أنشطة التدريس

Fluid Mechanics

Highway Engineering I

Surveying engineering

Geomatics Engineering

Research and Statistical Methods

Highway Engineering II

Transportation Planning

الأنشطة البحثية

الاهتمامات البحثية -

Highway Engineering

Pavement Engineering

Green technologies in asphalt pavement

Utilisation of Waste-Based Geopolymer

Recycling pavement materials

العرض في المؤتمرات -

Using an Azure Machine Learning Approach for Flexible Pavement Maintenance., 16th IEEE International Colloquium on Signal Processing & Its Applications (CSPA), langkawi malaysia , 15/02/2020

المنشورات -

مقال:

Encouraging Sustainable Use of RAP Materials for Pavement Construction in Oman: A 2022 .1 Review

A systematic review of the utilization of waste materials as aggregate replacement in 2022 .2 stone matrix asphalt mixes

Asphalt Pavement Temperature Prediction Models: A Review. Ibrahim, A., Milad, A., 2021 .3 Memon, Z. A., Widyatmoko, I., Zanuri, N. A., Memon, N. A., & Yusoff, N. I. M. Applied Sciences, .11(9), 3794

Development of ensemble machine learning approaches for designing fiber-reinforced 2021 .4 polymer composite strain prediction model., Milad, A., Hussein, S. H., Khakan, A. R., Rashid, M., .Al-Msari, H., & Tran, T. H. Engineering with Computers, 1-13

Utilisation of Waste-Based Geopolymer in Asphalt Pavement Modification and 2021 .5 Construction; A Review. Milad, A., Ali, A. S. B., Babalghaith, A. M., Memon, Z. A., Mashaan, N. S., & .Arafa, S. Sustainability, 13(6), 3330

An Educational Web-Based Expert System for Novice Highway Technology in Flexible 2021 .6 Pavement Maintenance. Milad, A., Yusoff, N. I. M., Majeed, S. A., Ali, Z. H., Solla, M., Al-Ansari, N., & Yaseen, Z. M. . Complexity

Emerging Technologies of Deep Learning Models Development for Pavement 2021 .7 Temperature Prediction. Milad, A., Adwan, I., Majeed, S. A., Yusoff, N. I. M., Al-Ansari, N., & .Yaseen, Z. M. IEEE Access, 9, 23840-23849

Investigation into the permeability and strength of pervious geopolymer concrete 2021 .8 containing coated biomass aggregate material. Arafa, S., Milad, A., Yusoff, N. I. M., Al-Ansari, N., & .Yaseen, Z. M. Journal of Materials Research and Technology, 15, 2075-2087

A review of the feasibility of using crumb rubber derived from end-of-life tire as asphalt 2020 .9 binder modifier. Milad, A., Ahmeda, A. G., Taib, A. M., Rahmad, S., Solla, M., & Yusoff, N. I. M. Journal of Rubber Research, 1-14

A review of the utilisation of recycled waste material as an alternative modifier in. 2020 .10
.asphalt mixtures., Milad, A. A., Ali, A. S. B., & Yusoff, N. I. M. Civil Engineering Journal, 6, 42-60

العضوية في الهيئات المهنية

IHE Institute of Highway Engineers :2024-2026

الجوائز والتقدير

World`s Top 5% Scientists 2026

World`s Top 2% Scientists 2025

Distinguish Researcher 2024

المرجع: <https://www.unizwa.edu.om/staff/cea/a.milad>