

أسراء سعيد جواد

الجامعة المستنصرية - كلية الهندسة - قسم الطرق والنقل

ORCID: 0000-0002-6740-4523

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ملخص تعريف: أستاذ مساعد في قسم الطرق والنقل منذ العام 2012

الشهادات الدراسية:

- 2022- الان: طالبة دكتوراه في قسم الطرق والنقل، الجامعة المستنصرية/ كلية الهندسة.
- 2011-2008: شهادة ماجستير في هندسة الطرق والنقل، الجامعة المستنصرية/ كلية الهندسة بمعدل امتياز.
- 2008-2004: شهادة البكالوريوس في هندسة الطرق والنقل، الجامعة المستنصرية/ كلية الهندسة بتسلسل الأولى على الكلية.

الجوائز والتكريم الأكاديمي:

- نائب رئيس مجلس الوزراء (2008)
- نائب رئيس مجلس النواب (2008)
- وزير التعليم العالي والبحث العلمي (2008)
- التجمع الإسلامي لطلبة العراق (2007)
- شكر وتقدير من رئيس الجامعة المستنصرية
- شكر وتقدير من عميد كلية الهندسة/ الجامعة المستنصرية

المقررات الدراسية التي تم تدريسها:

- صيانة الطرق - المرحلة الرابعة
- برامجيات هندسة الطرق - المرحلة الرابعة
- هندسة المرور - المرحلة الثالثة
- نظام تصريف الطرق - المرحلة الثالثة
- تكنولوجيا الاسفلت - المرحلة الثانية
- تكنولوجيا الخرسانة- المرحلة الثانية
- البرمجة II - المرحلة الثانية
- البرمجة I - المرحلة الأولى

الانتساب المهني او الجمعيات:

- عضو نقابة المهندسين العراقية.
- محرر لغوي في مجلة الهندسة والتنمية المستدامة.
- مقيم علمي في المجالات العالمية

المنشورات العلمية:

- Al-Haydari, I.S., Al-Taweel H.M., Masood G.G., "Effect of Demographic Characteristics on Spot Speed Variations" AIP Conference Proceedings 2787, 080030, 2023.
- Al-Haidari, H.S., Al-Haydari, I.S., "Sustainable Use of Polypropylene Fibers as a Cement Mortar Reinforcement", International Journal of Engineering, Transactions B: Applications, 2022, 35(8).

- Al-Haidari, H.S.J., **Al-Haydari, I.S.**, "Artificial Intelligence-based Compressive Strength Prediction of Medium to High Strength Concrete", Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46(2), pp. 951–964
- Mohamad, S.A., **Al-Haydari, I.S.**, Masood, G.G., Khudhur, H.M.-N., "Properties of sustainable polyester concrete pavement with various types of recycled aggregates", Road Materials and Pavement Design, 2022, 23(5), pp. 973–991
- **Al-Haydari, I.S.**, Al-Haidari, H.S., Khudhur, H.M.-N., Jummah, N.W., Al-Hamza, M.A., "Durability and aging characteristics of sustainable paving mixture", International Journal of Engineering, Transactions B: Applications, 2021, 34(8), pp. 1865–1873
- **Al-Haydari, I.S.**, Al-Haidari, H.S., "Mechanical properties of polyethylene terephthalate-modified pavement mixture", IOP Conference Series: Materials Science and Engineering, 2020, 870(1), 012073.
- **Al-Haydari, I.S.**, Masood, G.G., Mohamad, S.A., Khudhur, H.M.-N., "Stress-strain behavior of sustainable polyester concrete with different types of recycled aggregate", Materials Today: Proceedings, 2019, 46, pp. 5160–5166.
- Al-Haddad, A.H.A., **Al-Haydari, I.S.**, "Modeling of flexible pavement serviceability based on the fuzzy logic theory", Journal of Transportation Engineering Part B: Pavements, 2018, 144(2), 04018017.
- Sofia, G., Al-Haddad, A., **Al-Haydari, I.S.**, "Improvement of traffic performance at intersections in Karbala city", MATEC Web of Conferences, 2018, 162, 01032.
- **Al-Haydari, I. S. J.**, "A Neuro-Fuzzy and Neural Network Approach for Rutting Potential Prediction of Asphalt Mixture Based on Creep Test" Al-Nahrain Journal for Engineering Sciences, 2018, 21(2), 275–284.
- **Al-Haydari, I.S.**, Masood, G.G., "Benefit of Using Expanded Polystyrene Packaging Material to Improve Pavement Mixture Properties", Applied Research Journal, 2017, 3(11), 332-342.
- Sofia, G. G., Al-Haddad, A. H., **Al-Haydari I.S.**, "Development of Delay Models for Roundabouts", Journal of Engineering and Sustainable Development (JEASD), 2012, Volume 16, Issue 1, Pages 75-91.
- Sofia, G. G., Al-Haddad, A. H., **Al-Haydari I.S.**, "Evaluating of SIDRA INTERSECTION and SYNCHRO Models under Local Traffic Conditions", Comprehensive engineering conference for universities dissertations research, May 2012, Baghdad, Iraq.

- كراس مختبر المرور- 2016
- كراس مختبر الصيانة - 2017

تطوير المهارات:

- شهادة كفاءة الحاسوب ، وشهادة IC3
- شهادة كفاءة اللغة الانكليزية ، وشهادات TOEFL and IELTS
- دورة تخصصية في جهاز العد المروري Road Pod VT5900, Operating and Maintenance of Vehicle Counter
- دورة تخصصية في جهاز Plate Bearing Test


 الأستاذ المساعد الدكتور
هيدار هادي الهاشمي
 معاون العميد للشؤون العلمية


 الاستاذ الدكتور
محمد هاشم محمد
 رئيس قسم هندسة الطرق والنقل

Israa Saeed Al-Haydari

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PERSONAL SUMMARY: ASSISTANT PROFESSOR AT HIGHWAY AND TRANSPORTATION DEPARTMENT.

EDUCATION:

- 2022- till now; PhD. Candidate in Highway and Transportation Engineering at Mustansiriyah University, Baghdad- Iraq
- 2008-2011: M.Sc. in Highway and Transportation Engineering at Mustansiriyah University, Baghdad- Iraq, Excellent grade.
- 2004-2008: B.Sc. in Highway and Transportation Engineering at Mustansiriyah University, Baghdad- Iraq, rank 1st.

ACADEMIC HONORS AND AWARDS:

- #1: Deputy of Prime Minister in 2008
- #2: Deputy of Parliament President in 2008
- #3: Minister of Higher Education and Scientific Research in 2008

ACADEMIC /TEACHING EXPERIENCE:

- Pavement Maintenance (4th Stage)
- Highway and Transportation Software (4th Stage)
- Pavement Drainage System (3rd stage)
- Traffic Engineering (3rd Stage)
- Asphalt Technology (2nd Stage)
- Concrete Technology (2nd Stage)
- Programming II (2nd Stage)
- Programming I (1st Stage)

PROFESSIONAL AFFILIATIONS:

- Iraqi Engineers Association
- Proofread Editor at Journal of Engineering and Sustainable Development
- Reviewer at ASCE- Journal of Transportation Engineering, Part B-Pavement.
- Reviewer at Transportation Research Journal; Part F- Traffic Psychology and Behavior.

PUBLICATIONS:

- Al-Haydari, I.S., Al-Taweel H.M., Masood G.G., “ Effect of Demographic Characteristics on Spot Speed Variations” AIP Conference Proceedings 2787, 080030, 2023.
- Al-Haidari, H.S., Al-Haydari, I.S., “Sustainable Use of Polypropylene Fibers as a Cement Mortar Reinforcement”, International Journal of Engineering, Transactions B: Applications, 2022, 35(8).

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- Al-Haddad, A.H.A., **Al-Haydari, I.S.**, "Modeling of flexible pavement serviceability based on the fuzzy logic theory", Journal of Transportation Engineering Part B: Pavements, 2018, 144(2), 04018017.
- Sofia, G., Al-Haddad, A., **Al-Haydari, I.S.**, "Improvement of traffic performance at intersections in Karbala city", MATEC Web of Conferences, 2018, 162, 01032.
- **Al-Haydari, I. S. J.**, "A Neuro-Fuzzy and Neural Network Approach for Rutting Potential Prediction of Asphalt Mixture Based on Creep Test" Al-Nahrain Journal for Engineering Sciences, 2018, 21(2), 275-284.
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- Sofia, G. G., Al-Haddad, A. H., **Al-Haydari I.S.**, "Development of Delay Models for Roundabouts", Journal of Engineering and Sustainable Development (JEASD), 2012, Volume 16, Issue 1, Pages 75-91.
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Educational Manuals:

- Laboratory Manual for Traffic Engineering Studies, 2016.
- Pavement Maintenance Manual, 2017.

PROFESSIONAL DEVELOPMENT:

- Certifications: IC3, IELTS, TOEFL.
- Courses: Teaching Methods, Advanced English Programs, Moodle.
- Training Course: Operating and Maintenance of Vehicle Counter, Road Pod VT5900.

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