

Curriculum Vitae

SIHAM IDAN SALIH

Mustansiriyah University – College of engineering
Email: sihamidansalih@Uomustansiriyah.edu.iq

PERSONAL SUMMARY: ASSISTANCE PROF.DR. SIHAM IDAN SALIH

WORKS IN: HIGHWAY AND TRANSPORTATION ENGINEERING DEPARTMENT, AL-MUSTANSIRIYAH UNIVERSITY, BAGHDAD, IRAQ

EDUCATION:

- Ph.,D Nottingham University /England , 2020
- MS,c Mustansiriyah University , 2006.

ACADEMIC HONORS AND AWARDS:

- (8) Acknowledgment /College of Engineering / Mustansiriyah University.
- (5) Acknowledgment of Mustansiriyah University.

ACADEMIC /TEACHING EXPERIENCE:

YEARS OF EXPERIENCE: 30 years

COURSES TAUGHT:

Undergraduate

- 1-Road Maintenance/highway &transportation Dep. 4th class
- 2- Computer science highway &transportation Dep 2nd class.
- 3- Traffic engineering / Civil engineering Dep 3rd class.
- 4- 3- Traffic engineering / Highway &Transportation engineering Dep 3rd class.
- 5- Airport and Railway / Highway &Transportation engineering Dep 3rd class.

Postgraduate MS,c

- 1- Advanced Railway Engineering

PROFESSIONAL AFFILIATIONS:

Member of Chartered Institution of Highway &Transportation (CIHT) ID: P000090012

PUBLICATIONS:

- 1- Aseel j. Rahma, Hind Fadhil Oleiwi , S. I.Salih "Comparative Study of Sol-Gel and Green Synthesis Technique Using Orange Peel Extract to Prepare TiO₂ Nanoparticles", under reviewer
- 2- S. Salih, B. Gómez-Meijide, A. Garcia Microcapsules, and Induction Heating: Two methods for closing cracks in Asphalt Porous pavements. Under publishing. Under reviewer.
- 3- SI Salih , O A. Ismail "SELF-HEALING FOR WARM MIX ASPHALT BY MICROWAVE TECHNIQUE", waiting to publish. 2023

الأستاذ المساعد الدكتور
سيف جلال جبار
معاونات العميد للشؤون العامة

د. م. د. محمد هاشم محمد
رئيس قسم هندسة الطرق والنقل

- 3- SI Salih , O A. Ismail "SELF-HEALING FOR WARM MIX ASPHALT BY MICROWAVE TECHNIQUE", waiting to publish. 2023
- 4- SI Salih , O A. Ismail "ASPHALT BINDERS EMPLOY VARIOUS ORGANIC ADDITIVES: PHYSICAL AND RHEOLOGICAL QUALITIES", waiting to publish. 2023,
- 5- SI Salih," Self-healing of cyclic loading damage in asphalt mixtures"The University of Nottingham, Ph.D. thesis,2020
- 6- A. Garcia, S. Salih , "Self-healing of reflective cracks in asphalt mixtures by the action of encapsulated "Construction and Building Materials, 2020 - Elsevier.
- 7- A. Garcia, S. Salih "Optimum moment to heal cracks in asphalt roads by means of electromagnetic induction". – Construction and Building Materials, 2020 - Elsevier.
- 8- S. Salih, B. Gómez-Meijide, M. Aboufoul, A. Garcia." Effect of porosity on infrared healing of fatigue damage in asphalt" Construction and Building Materials, 2018 - Elsevier.
- 9- NI Al-Sarrag, HKASE Salih " Use of recycling building demolition waste as coarse aggregate in hot mix asphalt" , Tikrit Journal of Engineering Sciences, Volume 21, Issue 1, Pages 63-76.
- 10- ZA Abd Al Satar, SI Salih, L Salih, N Abd Al Razak "CBR Prediction Model with GIS Application Technique" International Journal of Structural and Civil Engineering Research, ISSN 2319 – 6009 www.ijscer.comVol. 2, No. 2, May 2013.
- 11- Finite Element Approach to Evaluate the Resistance to Plastic Flow in Asphalt Mixtures. "Journal of Engineering and Sustainable Development: ", Volume 14, Issue 1, April /2010, pages 186-205.
- 12- Combined effect of wheel and thermal load conditions on stress distribution in flexible pavement Engineering and Technology Journal, University of Technology 27 (12), 2257-2267.
- 13- PREDICTION MODEL OF PERMANENT DEFORMATION IN FLEXIBLE PAVEMENTS.

PROFESSIONAL DEVELOPMENT¹

Publishing Essay in Al Sibt center

Member of Conference

Work shop

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مُلخص شخصي

الاسم: سهام عيدان صالح

اللقب: استاذ مساعد

الشهادة: دكتورة في هندسة الطرق والنقل

التعليم

- ❖ دكتوراه في هندسة الطرق والنقل جامعة نونتكهام /انكلترا
- ❖ ماجستير في هندسة الطرق والنقل الجامعة المستنصرية

كتب الشكر :

الجامعة المستنصرية 10 .
وزارة التعليم العالي والبحث العلمي 8

الخبرة الاكاديمية :

30 في وزارة التعليم العالي والبحث العلمي

المدواد التي تم تدريسها :

طلاب البكلوريوس دراسات اولية

- ❖ صيانة الطرق للمرحلة الرابعة في قسم الطرق والنقل
- ❖ مادة الحاسبات للمرحلة الثانية
- ❖ هندسة المرور المرحلة الثالثة في القسم المدني
- ❖ هندسة المرور المرحلة الثالثة في قسم الطرق
- ❖ هندسة المطارات والسكك المرحلة الثالثة في قسم الطرق
- ❖ مادة التربه للمرحلة الثالثة في قسم الطرق

دراسات عليا طلاب الماجستير

❖ هندسة السكك المتقدم

المنظمات التخصصيه

عضو في المجمع الاكاديمي الدولي
(CIHT) ID: P000090012
مجمع الطرق والنقل انكلترا

PUBLICATIONS:

- 1- Aseel j. Rahma, Hind Fadhil Oleiwi , S. I.Salih "Comparative Study of Sol-Gel and Green Synthesis Technique Using Orange Peel Extract to Prepare TIO2 Nanoparticles", under reviewer
- 2- S. Salih, B. Gómez-Meijide, A. Garcia Microcapsules, and Induction Heating: Two methods for closing cracks in Asphalt Porous pavements. Under publishing. Under reviewer.

الاستاذ المساعد الدكتور
سعاد عبد الجبار
معاون العميد للشؤون العامة

رئيس قسم هندسة الطرق والنقل

3- SI Salih , O A. Ismail "SELF-HEALING FOR WARM MIX ASPHALT BY MICROWAVE TECHNIQUE", waiting to publish. 2023

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6- A. Garcia, S. Salih ,"Self-healing of reflective cracks in asphalt mixtures by the action of encapsulated "Construction and Building Materials, 2020 - Elsevier.

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12- Combined effect of wheel and thermal load conditions on stress distribution in flexible pavement Engineering and Technology Journal, University of Technology 27 (12), 2257-2267.

13- PREDICTION MODEL OF PERMANENT DEFORMATION IN FLEXIBLE PAVEMENTS.

المشاركات

❖ نشر مقال في مؤسسة المييط

❖ عضو و مشارك في المؤتمر الكلية