



Hanaa Khaleel Alwan AL-Bayati

Title: Lecturer

Specialism: Highway Engineering

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Academic Qualifications

SEQ.	QULIFICATION	FIELD	AWARDING BODY	COUNTRY	DATE
1	BSc	Civil Engineering	Al-Mustansiriya University	Iraq	1990
2	MSc	Highway Eng.	Al-Mustansiriya University	Iraq	2005

Research Interests

- Recycled concrete aggregate for pavement mixture.
- Flexible pavement structural design.

Current Research

- Al-Bayati, H. K. A., Tighe, S. L. Utilizing a Different Technique for Improving Micro and Macro Characteristics of Coarse Recycled Concrete Aggregate
- Al-Bayati, H. K. A., Tighe, S. L., & Baaj, H. Effect of Different Treatment Methods on the Interfacial Transition Zone Microstructure to Coarse Recycled Concrete Aggregate.

Employment History

- Now, on leave to do PhD on Highway Eng. at the University of Waterloo - Canada.
- 2012- Now: lecturer at Civil Eng. Dept. - Tikrit Univeristy.
- 2006-2012: Assistant lecturer at Civil Eng. Dept. - Tikrit Univeristy.

Languages

- Arabic
 - English
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Selected Publications

- **Al-Bayati, H. K. A.,** Das, P. K., Tighe, S. L., & Baaj, H. (2016). Evaluation of various treatment methods for enhancing the physical and morphological properties of coarse recycled concrete aggregate. *Construction and Building Materials*, 112, 284-298.
- **Al-Bayati, Hanaa Khaleel A.** (2012). Evaluation and Study the Effect of Additives and Variables on Tensile Strength of Asphalt Paving Mixtures. *Tikrit Journal for engineering Sciences*.
- **Al-Bayati, Hanaa Khaleel A.,** Al-Sarraj, Nabil I., Al-Maliky, Suham E. Saleh, & Alwan, Samar Saeed. (2012). Use of Recycling Building Demolition waste As Coarse Aggregate in Hot Mix Asphalt. *Tikrit Journal for engineering Sciences*.
- دراسة كفاءة اساليب عرض المحاضرات في تطوير التعليم الهندسي "بحث تطبيقي على الكوادر التدريسية والطلبة لكلية الهندسة – جامعة تكريت". المؤتمر الاول للتعليم الهندسي – جامعة دهوك، العراق، بتاريخ ١٧-٢٠١٢/٠٤/١٩.
- دراسة تأثير استخدام التصوير الفديوي عند عرض واجراء التجارب المختبرية في رفع المستوى العلمي وتطوير المهارة الفنية لطلاب كلية الهندسة/ بحث تطبيقي على طلبة كلية الهندسة في جامعة تكريت. المؤتمر الاول للتعليم الهندسي – جامعة دهوك، العراق، بتاريخ ١٧-٢٠١٢/٠٤/١٩.
- Sofia, Gandhi Ganem & **Al-Bayati, Hanaa Khaleel A.** (2010). The effect of reclaimed tire rubber as additive in Minimizing reflective cracking. *Diyala journal of engineering Sciences*, 3 (1), 25-46.
- Muhee, Maysoon & **Al-Bayati, Hanaa Khaleel A.** (2010). Study of Efficiency Performance of the precast Building Practical Research on Civil Eng. Dept. building - University of Tikrit", *Diyala Journal of Engineering Sciences*.
- Sofia, Gandhi Ganem & **Al-Bayati, Hanaa Khaleel A.** (2009). Effect of additive materials in Minimizing reflective cracking. The First Scientific conference of Babylon University, Iraq.
- Sofia, Gandhi Ganem & **Al-Bayati, Hanaa Khaleel A.** (2009). Evaluation of reflection cracks in flexible pavements with additives using modified wheel tracking apparatus. International Conference on Civil and Environmental Engineering-Italy/world academy of science engineering and technology, 58, 28-30 Oct. 1057-1067.
- Muhee, Maysoon & **Al-Bayati, Hanaa Khaleel A.** (2009). Influence of User Behavior in Streamline Improvement Road in Big Cities. The Third Scientific Conference of Wassit University. Iraq.