Curriculum Vitae



Professor Dr. Adel Ettaieb Elmloshi

Dean, Faculty of Engineering - University of Gharyan

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Biography

Professor Dr. Adel Ettaieb Elmloshi has served the Faculty of Engineering at the University of Gharyan in various academic and administrative capacities since 2006. His career began as a faculty member in the Department of Civil Engineering, followed by successive leadership roles including Head of the Department of Architecture and Urban Planning, Head of the Faculty Registration Department, Head of the Civil Engineering Department, and Vice Dean for Academic Affairs. In March 2024, he was appointed Dean of the Faculty of Engineering.

Dr. Elmloshi is a Professor of Civil Engineering specializing in Highway and Transportation Engineering. His research focuses on urban transportation systems, traffic flow analysis, travel behavior modeling, and the environmental impacts of transportation, including air pollution and noise. He has published extensively in local and international journals and conferences and serves on the Editorial Board of the *Gharyan University Journal of Engineering Sciences*.

Academic Qualifications

- **PhD**, Civil & Transportation Engineering, National University of Malaysia (UKM), 2014
- **MSc**, Civil Engineering, Trinity College Dublin, Ireland, 2002

Teaching Experience (Selected Courses)

Undergraduate (BSc):
Surveying I & II · Introduction to Transportation Engineering · Highway Engineering · Geometric Design of Roads · Traffic Engineering · Pavement Structural Design · Environmental Engineering I & II

Postgraduate (MSc):
Research Methodology

Research Interests

- Transportation and Traffic Engineering
- Highway and Pavement Engineering
- Travel Behavior and Public Transport Systems

Selected Publications (2007–2025)

- Increased Use of Private Cars in Tripoli, Libya. *MUTRFC*, Malaysia, 2010.
- Factors Encouraging Shift to Public Transport: Tripoli Case Study. *EPC*, UKM, 2011.
- Logistic Regression Models for Travel Behavior in Tripoli City. *IJASEIT*, 2011.
- Introducing Public Transport to Improve Travel Time and Road Safety in Tripoli. *Australian Journal of Basic and Applied Sciences*, 2011.
- Proposed Light Rail Transit System for Tripoli. *Journal of Al-Kalm Al-Mobin*, 2016.
- Probabilities of Policy Shift to Public Transport: Tripoli Case Study. *ICST*, 2019.
- Pavement Condition and Structural Evaluation of Urban Roads in Gharyan. *Gharyan University Journal*, 2024–2025.
- Modeling Mode Shift Between Private Cars and Public Transport in Tripoli. *GUJES*; *Journal of Alasmarya University*, 2025.

(Full publication list available upon request.)

Teaching & Academic Collaboration

- Faculty of Engineering, University of Gharyan
- Libyan Academy (Gharyan Branch)
- Higher Institutes of Engineering and Comprehensive Professions (Gharyan, Msallata, Jadu, Gafran, Qasr Bin Ghashir)

Professional Development

- Training in Soil Laboratory Testing, 1995
- Workshops on SPSS, SEM, and LaTeX (UKM & IIUM, Malaysia)
- Accreditation and Quality Assurance Workshops, 2019–2023
- Horizon Europe Research & Innovation Workshop, Tripoli, 2024

Supervision & Examination

- Supervised numerous BSc graduation projects in transportation, pavement design, and traffic engineering (2017–2025)

- Examiner and discussion panel member for graduation projects at multiple Libyan institutions

Academic and Administrative Service

- Deputy Dean for Academic Affairs, Faculty of Engineering
- Head of Scientific Committee, Civil Engineering Department
- Member, National Accreditation and Quality Assurance Audit Committees
- Member, Scientific Committees for national and international conferences
- Jury Member, Libya Innovation Award
- Lecturer on academic supervision and quality assurance

Professional Experience (Selected)

- Design and Site Engineer, Al-Razi Center for Industrial Engineering (1990–2005)
- Faculty Member and Administrator, University of Gharyan (2006–present)
- Dean, Faculty of Engineering, University of Gharyan (2024–present)

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