

## APPENDIX A: FACULTY VITAE

<b>Curriculum Vitae</b>	<b>Dr. Muhammad Mubaraki</b>	
<b>Academic Rank:</b> Professor		
<b>Education</b> Ph.D in Civil Engineering (Transportation). The University of Nottingham. 2010. Diploma in business administration (BA). Riyadh Chamber. 2006. MSc. in Civil Engineering (Transportation). King Saud University. 2004. BSc. in Civil Engineering. King Fahad University of Petroleum and Minerals.1994.		
<b>Academic Experience :</b> Professor. March 2020 – Present Council Member of Scientific Research Deanship. October 2020-Present. Chair Standing Committee for Faculty Appointment. March 2020-January 2021. Member of Scientific Council. February 2017-January 2021. External Referee for Civil Engineering Program (King Khalid University). 2018&2019. Dean, College of Applied Industrial Technology (CAIT). December 2016-June 2019. Visiting Professor, University of Oklahoma. June 2015-August 2015. Associate Professor. December 2015-March 2020. Visiting Professor, University of Oklahoma. June 2014-August 2014. Chair, Department of Civil Engineering. March 2014-May 2016. Coordinator for training and collaboration units for college of engineering. July 2011- March 2014. Teaching at JU: Pavement Design, Pavement Evaluation, Pavement Construction and Maintenance, Traffic Engineering, and Statistics for Engineer and several short courses. September 2011-Present Assistant Professor, June 2011-December 2015. Invited for more than (35) presentations including keynote speaker in the areas of concrete technology and rehabilitation, traffic safety, pavement engineering, pavement maintenance and rehabilitation, pavement management system, asset management, quality in education. 1994-Present. Produced and participated in a writing more than 50 manuals and reports inside and outside Saudi 1994-Present.		
<b>Non-academic Experience:</b> Editorial Boards member of IJPRT (Elsevier Science), Journal Technology (Emerging ISI Journal), JAMES (Emerging ISI journal), and Journal of Jazan University (JUJ). September 2011-Present. International member for 6 TRB committees. 2012-Present. Membership of more than 25 standing committees at Jazan University and outside Jazan University (academic, administration, financial) since 2011 to present. General Manager of Projects at Jazan University. December 2011-September 2016. Member of Council board of Saudi Traffic Safety society. May 2012- July 2016. Member of High Standing Committee for projects at Ministry of higher education since March 2014- July 2016. External Referee for Ministry of Education (Muhebah Program) Years of 2012,2013,2013, and 2014. Director and Engineer. Different Government Bodies -1998-2010. Director and Engineer. Saline Water Conversion Corporation (SWCC). 1994-1997.		
<b>Certifications or Professional Registrations:</b> Associate fellow ASCE since 2012.		
<b>Current Membership in Professional Organizations:</b> Council of Saudi Engineers (Saudi Arabia), TRB (US) (US)		

ASCE (US),  
CSCE (Canada).  
IHE(UK).

**Honors and Awards:**

Two Distinction Certificates for training and education from Ministry of Defense.  
Distinction Certificate for service activities from General Authority for Statistic.  
Distinction Certificate for research activities from Deanship of Scientific Research (JU).  
Two International Research Grands (US) from King Abualziz City for Science and Technology.

**Briefly List the Most Important Publications:**

Adwan, I, Milad, A., Abdullah, N., Widyatmoko, I., Mubarak., M., Yazid, M., Yusoff, I. (2022). Predicting Asphalt Pavement Temperature by using Neural Network and Multiple Linear Regression Approach in the Eastern Mediterranean Region. Journal of Engineering Science and Technology February. [http://jestec.taylors.edu.my/Articles%20in%20Press/17\\_1\\_23%20AiP.pdf](http://jestec.taylors.edu.my/Articles%20in%20Press/17_1_23%20AiP.pdf)

Khahro, Shabir H.; Memon, Zubair A.; Gungat, Lillian; Yazid, Muhamad R.M.; Rahim, Abdur; Mubarak, Muhammad; Md. Yusoff, Nur I. (2021). "Low-Cost Pavement Management System for Developing Countries" Sustainability 13, no. 11: 5941. <https://doi.org/10.3390/su13115941>

Hend Ali Omar, Muhammad Mubarak, Noor Halizah Abdullah, Abdulnaser Al-Sabaeei , Abdul Muhaimin Memon, Muhammad Imran Khan, Muslich Hartadi Sutanto, Nur Izzi Md Yusoff (2021). Determining the Effect of Ageing of Nano-Clay Modified Bitumen Using Atomic Force Microscopy. [10.24200/SCI.2021.56224.4610](https://doi.org/10.24200/SCI.2021.56224.4610)

Hasan, M., Medabesh, A., Mubarak, M., & Alhazmi, W. H. (2021). A Model to Enhance the Economic Growth Rate and Literacy Rate of the Rural and Urban Area. International Journal of Sustainable Economies Management (IJSEM), 10(1), 45-56. <http://doi.org/10.4018/IJSEM.2021010104>

Mubarak, M., Sallam, H. (2020). The Most Effective Index for Pavement Management of Urban Major Roads at a Network Level. Arab J Sci Eng, 46(5),4610-4628, <https://doi.org/10.1007/s13369-020-05122-0>

**Service Activities:**

Committees Engagement.  
External Referee  
Peer Review

**Briefly List the Most Recent Professional Development Activities:**

ABET Accreditation Process for Civil Engineering Program at JU.