



Dr. Khalid Kamal Naji

Dean of the College of Engineering / Qatar University

Profile Summary

Dr. Naji is the Dean of the College of Engineering at Qatar University since June 2019 and has extensive academic and administrative experience at QU. Dr. Naji was the first Qatari to Chair the Department of Civil Engineering (2001-2005) leading the teams and efforts towards the first ABET accreditation (substantial equivalency) cycle of the department.

From 2005 until late 2006 Dr. Naji was an active member of the team lead by the Office of Institutional Research and Development at QU working on developing QU's academic and administrative policies. Dr. Naji was then promoted as the Assistant Director of the Office of Institutional Research and Development at QU lead by the current Minister of Education Dr. Mohammed Abdelwahed Al-Hammadi.

The next station of Dr. Naji's administrative role at QU was leading the efforts and setup of the Office of the Executive Management Committee (EMC) Affairs as a Director of the office. The EMC Office was substantially involved in coordinating, reviewing and facilitating communication-related to many QU initiatives, bylaws, policies and procedures related to its different sectors.

In early 2012 Dr. Naji was assigned to the position of Associate Vice President of Capital Projects, Facilities and Information Technology at Qatar University (2012-2016). During his term, he leads the technical efforts towards updating QU's Master Plan in collaboration with several international consultants and Qatar's Public Works Authority (Ashghal) under direct supervision and coordination with QU's top management and EMC members. Additionally, he supervised and lead the efforts of coordinating the operational processes related to QU capital projects, campus facilities, and information technology.

Dr. Naji has extensive management experience at QU by leading the development of more than 50 IT-based projects at QU (2012-2016). During his position at QU, he led the transformation of QU's Information Technology and services through many major key projects such as; the IT PMO setup, QU's ERP phases 2 & 3, QU's Virtual Reality Cave for the College of Education, Qatar's National Research Network development and many other operational and services projects with emphasis on following well-known and proven standards.

Similarly, On the community services level, Dr. Naji led the Qatari Project Management Institute (PMI) Arabian Gulf Chapter (AGC) branch in Qatar (2009-2014), and in 2017 until 2018 he served in two national Qatari committees as a member of the Ministry of Justice Committee for Experts Ranking, Assessment and Management, and as a member of Ministry of Municipality & Environment Committee for Professional Engineers and Consulting Offices.

Personal Data

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- Nationality: Qatari
- Place & Date of Birth: Doha 1968
- Status: Married with 3 children

Education

- Ph.D. Civil Engineering, University of Florida, Gainesville FL USA 1997
- M.Sc. Civil Engineering, the University of Texas at Austin, Austin-Texas USA 1994
- B.Sc. Civil Engineering, Qatar University, Doha-Qatar 1990

Technical & Areas of Expertise

- Computer applications in Construction Engineering & Project Management.
- The risk in Construction.
- Project Management Standards.
- BIM applications for Construction (4D & 5D)
- Virtual Construction Environments & VR Applications in Construction using Game Engines /Authoring tools.

Publications (Books, Journals Papers & Conference Proceedings)

- Naji.K.K, Ebead, U, E., Al-Ali, A. & Du, X.Y., Comparing models of Problem and Project-Based learning (PBL) courses and student engagement in civil engineering in Qatar. *EURASIA Journal of Mathematics, Science and Technology Education*. under review.
- Du, X.Y., Naji H. E., Ebead, U., & Ma, J.P. Engineering instructors' professional agency development and identity renegotiation through engaging in pedagogical change toward PBL. *European Journal of Engineering Education*. In revision after review.
- Du, X.Y., Ebead, U., Sabah, S. & Naji H. E. (2020) Engineering students' group based strategy use, forms of collaboration and perceptions of assessment in team projects – a case study in Qatar. *International Journal of Engineering Education*. Vol. 36, No. 1(B), pp. 296–308.
- Du, X., Ebead, U., Sabah, S., Ma, J., & Naji, K. K. (2019). Engineering Students' Approaches to Learning and Views on Collaboration: How do both Evolve in a PBL Environment and What are their Contributing and Constraining Factors?. *EURASIA Journal of Mathematics, Science and Technology Education*, 15(11):em1774. DOI: <https://doi.org/10.29333/ejmste/106197>
- “Hierarchy based information requirements for sustainable operations of buildings in Qatar” ,Sergio Rodriguez-Trejo, Ahmad Mohammad Ahmad, Mian Atif Hafeez, Huda Dawood, Vladimir Vukovic, Mohamad Kassem & Khalid K. Naji, *ELSEVIER, Sustainable Cities and Society*, Volume 32, July 2017, Pages 435-448.
- “New Methods for Health & Safety Training in The Qatar Building Construction Industry”, Al Jurf N., Dawood N. & Naji K., Conference paper at the “International Council for Building Research Studies and Documentation”, CIB W78 2012, At Beirut, Lebanon.
- “A Framework for Construction Workspace Management: A Serious Game Engine Approach”, International Conference on Computing in Civil Engineering, June 2012, Chavada R., Kassem M., Dawood N. & Naji K.
- Book Chapter [chapter-7/ Safety in Construction] in “Constructing the Future; nD Modelling”, by Khalid Kamal Naji -QU, the book is Edited by; Ghassan Aouad & Angela Lee, Taylor & Francis, November 2006, Hardcover & eBook versions.
- Senouci, A. B. and Naji, K. K. (2006) " Computerized System Model for Scheduling and Cost Optimization of Nonserial Linear Projects ", *Surveying and Built Environment*, Vol. 17, No. 2, pp.49-62.
- "Virtual Environments for Improving Construction Site Safety", *The International Journal of Architectural Engineering & Design Management*, Vol. 1 Issue-2, Nov. 2005, Naji K.-QU.