

CURRICULUM VITAE

Abdelkader MABROUK

Assistant Professor



1. Personal Information:

Date of Birth: 8th of December 1979

Marital Status: Married

Number of children: 02

Nationality: Tunisian

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2. Education:

- **July 2021- PhD Degree.** Geotechnical Engineering, Tunis El Manar University, Tunis national school of engineers (ENIT).
Subject title: Contribution to the modeling of the water properties of fine soils cracked by desiccation.
- **November 2008 - Master Degree.**, Geotechnical Engineering, Tunis El Manar University, Tunis national school of engineers (ENIT).
Subject title: Determination of the behavior of the law allows the interface / matrix for the background of periodically reinforced membranes.
- **June 2004 -B.Sc Degree.**, Civil Engineering, Tunis El Manar University, Tunis national school of engineers (ENIT).
Subject title: Study for the redevelopment of a multi-bulk dock in the harbor of Rades Tunis.

3. Engineering experience:

- **2004:** Member of the Tunisian Engineers Authority
- **2013:** Member of Saudi engineers Authority degree **Professional Engineer**.
- **2013-2015:** Office engineering studies KSA, Professional Engineer in project management, **Senior Engineer**, full time.
- **2008-2013:** Ministry of Transport of Tunisia, **Head of Studies Department**, , full time.
- **2005-2008:** Ministry of Justice and Human Rights of Tunisia, Department of Building, **Projects Engineer**, full time.
- **2004-2005:** Office engineering studies in Tunisia, **Designer Engineer**, full time

4. Academic experience :

- **2009-2011:** Assistant professor of technology (lecturer-like rank),Higher Institute for Environmental Technologies and construction and architecture in Tunisia, part- time Job.
- **2011-2012:** Assistant professor of technology, High institute for technological studies-Nabeul, part- time Job
- **2012-2013:** Assistant professor of technology (lecturer-like rank),High institute for technological studies-Siliana, full time.
- **2015-2022:** Lecturer Northern Border University, full time.

5. Certification Professional Registration:

- Professional Management Project «PMP».
- Civil Engineer Professional Degree.

6. Honors and Awards:

- Head of Studies Department of the Ministry of Transport.
- Assistant Director of the Ministry of Transport.
- Chairman of the Committee to assess the final seal to the projects of the various studies students at the university in Tunisia (2011-2012-2013)

7. Publications in International Conferences with Scientific Committee:

- **Mabrouk A.**, Louati F., Jamei M. and Zenzri H.. Numerical simulations of water transfer in clayey soil Column considering cracks development. International Journal on Emerging Technologies. ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255 .
- F. Louati, **A. Mabrouk**, H. Trabelsi, M. Jamei & H. Zenzri. Flow exchange and unsaturated permeability of cracked clay: experimental and modeling. European Journal of Environmental and Civil Engineering. <https://doi.org/10.1080/19648189.2021.1989051>.
- M. Jamei , Y. Ellassaf , A. Ahmed , **A. Mabrouk**. Fibers Reinforcement of the Fissured clayey Soil by Desiccation Magazine of civil Engineering. ISSN 2712-8172. DOI: 10.34910/MCE.109.14
- F. Louati , H. Trabelsi, M. Jamei and **A. Mabrouk**. Unsaturated permeability prediction using natural evaporation method in cracked clay. UNSAT-2018 Hong Kong. The 7th International conference on unsaturated soils 2018.

8. Professional development activities :

- Participation in the scientific symposium on the subject of scientific and practical solutions to combat congestion Arab cities Naif Arab University for Security Sciences in Riyadh, Saudi Arabia, 2010.
- Participation in the training session for technical to control the energy in the maritime transport sector in Marseille, 2010.
- Training cycle on "land transport and management cities" of the Republic of Singapore, 2011.
- Participation in a working visit to a number of ports and logistics areas in Paris, 2012.
- Participation in a working visit to a number of ports and logistics areas in Belgium, 2012.
- Participation in a working visit to a number of ports and logistics areas in Germany, 2012.
- Training session in the design of electrical schemes to buildings under the supervision of the Schneider Company in Tabuk, Saudi Arabia, 2015.

9- Engineering work:

- Preparation of detailed schedules for projects and monitor the progress of achievement.
- Review and audit schedules proposed by the contractors for projects.
- Preparing reports on the follow-up to the completion and adoption of earned value method
- Develop mechanisms to solve problems and risks in the projects.
- The preparation of models in risk management in engineering projects Risk Management.
- Follow-up achievement quality projects Quality control.
- Preparation of technical reports and monthly office technical support and project management honestly Tabuk .
- Provide technical support to the employees of the Secretariat of Tabuk with regard to programs and planning time and productivity.
- The preparation of the cost of major projects based on the five-year plan in the Kingdom . Cost Estimation.
- Carry out training courses for the staff of the Secretariat in the field of project schedules and project management.
- Preparation - Earned Value Project Management.