

## Curriculum Vitae

**Dr. Souhail Bouzgarrou**



**Academic Rank:** Assistant Professor

### Education:

Ph.D., Civil Engineering, National Engineering School of Tunis (ENIT) - University of Tunis El-Manar, Tunisia, 2016

M.Sc., Hydrodynamics and Environments Modeling of Coastal - National Engineering School of Tunis -- University of Tunis El-Manar, Tunisia, 2006.

Specialized Master's Degree in project and management of civil Engineering - Higher School of Sciences and Techniques of Tunis - University of Tunis, 2005.

B.Sc. in Civil Engineering - Higher School of Sciences and Techniques of Tunis - University of Tunis, Tunisia, 2004.

### Academic Experience :

Jazan University, College of Engineering, Civil Engineering Department, Saudi Arabia, Assistant professor 2019-Now, full-time

Assistant professor in Civil Engineering, ISSAT University of Sousse, Tunisia(2018- 2019)

Assistant in Civil Engineering, ISTLS University of Sousse, Tunisia (2015-2018)

Assistant in Civil Engineering, ENIG, University of Gabes, Tunisia(2009-2015)

### Non-academic Experience:

Working as a civil engineer on various construction and civil engineering programmers, creating detailed plans, monitoring/ updating progress, and projects management in general directorate of building and equipment, in the Ministry of Higher Education and Scientific Research in Tunisia. (Professional experience 2006-2009 full time).

### Certifications or Professional Registrations:

Certificate of Training on Autodesk Revit Architecture Software

Design and dimensioning the structures of some building projects (in professional engineering office)

### Current Membership in Professional Organizations:

Researcher, in Research Unit "Energetic and Environment" ENIT, University of Tunis El-Manar, Tunisia.

Member of the teaching staff, ISSAT Sousse University, Tunisia since 2018.

Member of professor Syndicate (Ijaba) since 2018.

Assistant Professor of hydraulics, Jazan University, KSA since 2019 until now.

### Honors and Awards:

Certificate of appreciation from the Civil Engineering Department for work sincerity

### Recent Publications and Presentations:

Hedi Jedli , Abdessalem Jbara , HachemHedfi , **Souhail Bouzgarrou** , Khalifa Slimi dioxide adsorption isotherm study on various cap rocks in a batch reactor for CO<sub>2</sub> sequestration processes. Journal of Applied Clay Science, Science Direct. Vol 143 pp199–207, (2017). DOI:10.1016/j.clay.2016.11.02

F.Aouaini, **S. Bouzgarrou**, N. Khemiri, M. Ben Yahia, E. Almogait, F. AlHarbi, A. Almuqrin & A.Ben Lamine, Study of the CO<sub>2</sub> adsorption isotherms on El Hicha clay by statistical physics treatment: microscopic and macroscopic investigation, Journal Separation Science and Technology, received 18 Sep 2018, Accepted 12 Nov 2018, published online: 25 Dec 2018.

Mohamed A. Khadimallah, Muhammad Safeer, Muhammad Taj, Hamdi Ayed, Muzamal Hussain, Souhail Mohamed **Bouzgarrou**, S.R. Mahmoud, Manzoor Ahmad and Abdelouahed Tounsi "The effects of the surrounding viscoelastic media on the buckling behavior of single microfilament within the cell: A mechanical model" in Journal of Advances in Concrete Construction, Vol. 10, No.

2, Available online august, 2020, DOI: <https://doi.org/10.12989/acc.2020.10.2.141>, ESCI, SCOPUS, SCIE, Impact factor : 2.443(2019).

Waheed Iqbal, Mudassar Jalil, Mohamed A. Khadimallah, Hamdi Ayed, Muhammad N. Naeem, Muzamal Hussain, Souhail Mohamed **Bouzgarrou**, S.R. Mahmoud, E. Ghandourah, Muhammad Taj and Abdelouahed Tounsi “Runge-Kutta method for flow of dusty fluid along exponentially stretching cylinder” in Journal of Steel and Composite Structures, Volume 36, Number 5, September 10 2020, pages 603-615

DOI: <http://dx.doi.org/10.12989/scs.2020.36.5.603>, Impact factor: 4.394(2019) SCOPUS.

Humaira Sharif, Muhammad N. Naeem, Mohamed A. Khadimallah, Hamdi Ayed, **Souhail Mohamed Bouzgarrou**, Abdullah. Al Naim, Sajjad Hussain, Muzamal Hussain, Zafar Iqbal, and Abdelouahed Tounsi,: “Energy effects on MHD flow of Eyring’s nanofluid containing motile microorganism” in Journal of Advances in Concrete Construction, Vol. 10, No. 4, Available online october, 2020. DOI: <https://doi.org/10.12989/acc.2020.10.4.000>, ESCI, SCOPUS, SCIE, Impact factor: 2.443(2019).

**Service Activities:**

Training course for students on the software AUTOCAD, 2019.

Head of the Website and information technology Committee in the Civil Engineering Department, 2019-Now.

Software Coordinator in the Civil Engineering Department, 2019-Now

Outside of the institution

Member at Tunisien society of Physics (CENTER SECTION).

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

Scientific framework of two students in research master, three students in professional master, 5 students engineer and 8 students in bachelor degree, institute of transport and logistic, Sousse university, 2018-2019.

Participating in engineering research project interested with design of water supply system and simulation of hydraulic and water-quality behavior within pressurized pipe networks