

CURRICULUM VITAE

PERSONAL DATA

Name	Fehmi Abdelmajeed Boufahja
Nationality	Tunisian
Position	Full Professor
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EDUCATION

Year	Academic Degree	Institution
2016	Assistant Professor	University Habilitation (HDR) in Biological Sciences (Animal Ecobiology) (Faculty of Sciences of Bizerte,
2010	Assistant Professor	PhD in Biological Sciences (Marine Ecology) (Faculty of Sciences of Bizerte, Carthage University, Tunisia).
2003		Master degree in Environmental Sciences (Faculty of Sciences of Bizerte, Carthage University, Tunisia)
1996-2000		High education in Natural Sciences (Faculty of Sciences of Bizerte, Carthage University, Tunisia).

WORK EXPERIENCE

Period	Position	Address
Since September 6, 2022	Full professor	College of Science, Imam Mohammad Ibn Saud Islamic University, Riyadh (Saudi Arabia)
May 5-September 5, 2022	Full professor	Faculty of Sciences of Bizerte, Carthage University (Tunisia)
2017-2022	Associate-Professor	Faculty of Sciences of Bizerte, Carthage University (Tunisia)
2012-2017	Assistant-Professor	Faculty of Sciences of Bizerte, Carthage University (Tunisia)
2011-2012	Assistant-Professor	Faculty of Sciences of Tunis, Tunis-Al Manar University (Tunisia)
2001-2011	School teacher	Ministry of Education, Tunisia

RESEARCH INTERESTS

Nematology, Meiofauna, DNA barcoding, Biomarkers, Environmental Toxicology; Water Quality; Wastewater Treatment; Metals; Toxicology; Heavy Metals; Environmental Biomonitoring; Ecology; Biodiversity & Conservation

PUBLICATIONS

- Badraoui R, Allouche M, El Ouaer D, Siddiqui AJ, Ishak S, Hedfi A, Beyrem H, Pacioglu O, Rudayni HA, **Boufahja F**. 2023. Ecotoxicity of chrysene and phenanthrene on meiobenthic nematodes with a case study of *Terschellingia longicaudata*: Taxonomics, toxicokinetics, and molecular interactions modelling. **Environmental Pollution**. 316(1):120459.
- Mohamed Allouche, Sahar Ishak, Manel Ben Ali, Amor Hedfi, Mohammed Almalki, Paraskevi K. Karachle, Abdel Halim Harrath, Ramadan H. Abu-Zied, Riadh Badraoui, **Fehmi Boufahja**, 2022. Molecular interactions of polyvinyl chloride microplastics and beta-blockers (Diltiazem and Bisoprolol) and their effects on marine meiofauna: Combined in vivo and modeling study. **Journal of Hazardous Materials** 431, 128609.
- Amor Hedfi, Manel Ben Ali, Marwa Korkobi, Mohamed Allouche, Abdel Halim Harrath, Hamouda Beyrem, Octavian Pacioglu, Riadh Badraoui, **Fehmi Boufahja**, 2022. The exposure to polyvinyl chloride microplastics and chrysene induces multiple changes in the structure and functionality of marine meiobenthic communities. **Journal of Hazardous Materials**, 436, 129161.
- Mounir Yeferni, Olfa Ben Saïd, Ezzeddine Mahmoudi, Naceur Essid, Amor Hedfi, Mohammed Almalki, Octavian Pacioglu, Aida Dervishi, **Fehmi Boufahja**. 2022. Effectiveness of *Shewanella oneidensis* bioaugmentation on the bioremediation of phenanthrene-contaminated sediments assessed by nematode and microflora characteristics. **Environmental Pollution**. 292(A), 118281
- Ahmed Nasri, Amel Hannachi, Mohamed Allouche, Badreddine Barhoumi, Taha Barkaoui, Aymen Wahbi, Fabio D'Agostino, Ezzeddine Mahmoudi, Hamouda Beyrem, Fehmi Boufahja, 2021. Using meiobenthic taxa, nematofauna biological traits, and bacterial abundance to assess the effects of the polybrominated diphenyl ethers compound: Case study of tetrabromo diphenyl ether BDE- 47. **Science of the Total Environment** 770, 145251.