



**Assiut University**

**Faculty of science**

**Geology department**

## **1. Personal information:**

- **Name:** Fatima Mohammed Abdul Rasool Dardir
- **Position:** Assistant Lecturer, Geology Department, Faculty of Science
- **Date and place of birth:** 1/1/1993 - Assiut
- **Social status:** Married
- **E-mail :** [fatmadardir@aun.edu.eg](mailto:fatmadardir@aun.edu.eg)  
[Fatma.mohammed211@yahoo.com](mailto:Fatma.mohammed211@yahoo.com)

## **2. Scientific qualifications:**

- Bachelor of Science in Geology with Honors Degree - June 2015 - Faculty of Science - Assiut University
- Master of Science in "Sedimentary Geology" as of 31/10/2018 Faculty of Science - Assiut University

## **3. Functional sequence:**

- Demonstrator, Department of Geology, Faculty of Science, Assiut University, as of 29/6/2016

- Assistant Lecturer, Department of Geology, Faculty of Science, Assiut University, as of 18/11/2018

#### 4. Scientific conferences:

- " 9<sup>th</sup> International Conference on The Geology of Africa"  
Of the period in 7-5/11/2017
- " 9<sup>th</sup> International Conference on Development and Environment in the Arab World"  
Of the period in 25-27/3/2018

#### 5. List of publications:

1. **Mostafa R. Abukhadra, Fatma M. Dardir, Mohamed Shaban, Ezzat A. Ahmed, Mamdouh F. Soliman. (2017).** [Spongy Ni/Fe carbonate-fluorapatite catalyst for efficient conversion of cooking oil waste into biodiesel. Environmental Chemistry Letters. Springer International Publishing AG, part of Springer Nature.](#)
2. **Fatma M. Dardir. (2017).** [Utilization of the bentonitic clays in the synthesis of lithosite, Quseir area, Red Sea, Egypt. \(Oral Presentation\). 9<sup>th</sup> International Conference on The Geology of Africa. Assiut, Egypt.](#)
3. **Mostafa R. Abukhadra, Fatma M. Dardir, Ezzat A. Ahmed & Mamdouh F. Soliman (2018).** [Efficient removal of Sr ions from water utilizing a novel Ni-/Fe-doped spongy apatite through fixed bed column system: optimization and realistic application. Clean Technologies and Environmental Policy](#)
4. **Abdalla M. El Ayyat, Fatma Dardir, Ezzat A. Ahmed & Mamdouh F. Soliman. (2018).** [A conceptual phosphogenesis](#)

model for the Red Sea phosphorites, Quseir area, Egypt. Journal of Arabian Geosciences. 11:442-456.

5. **Fatma M. Dardir, Aya S. Mohamed , Mostafa R. Abukhadra , Ezzat A. Ahmed, Mamdouh F. Soliman (2018).** Cosmetic and pharmaceutical qualifications of Egyptian bentonite and its suitability as drug carrier for Praziquantel drug. European Journal of Pharmaceutical Sciences, V. 115, 320 – 329.
6. **Mostafa R. Abukhadra, Fatma M. Dardir, Mohamed Shaban, Ezzat A. Ahmed, Mamdouh F. Soliman. (2018).** Superior removal of  $\text{Co}^{2+}$ ,  $\text{Cu}^{2+}$  and  $\text{Zn}^{2+}$  contaminants from water utilizing spongy Ni/Fe carbonate–fluorapatite; preparation, application and mechanism. Ecotoxicology and Environmental Safety, 157, 358–368.
7. **Fatma M. Dardir. (2018).** Utilization of the claystones from the Quseir area, Red Sea, Egypt, in the synthesis of zeolites and their uses for water remediation. 9<sup>th</sup> International Conference on Development and Environment in the Arab World. Assiut, Egypt.