

# Alsedik Abousif

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Address: Faculty of Science  
Earth Science Department, B 105  
Sebha - Libya

## Education

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Geochemistry September 2009 — May 2015

Missouri University of Science and Technology- Rolla, MO

Research subjects; clay minerals, sedimentary petrology, carbon sequestration, and carbonate geochemistry.

## Work experience

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University of Sebha 2016 — Present

Lecturer

Teaching and research activities in stratigraphy, physical geology, and structural geology.

Supervising field trips to Murzuq and Djefara basins, Libya.

## Skills

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**Language Skills:** 1- Arabic (Native Language) 2- English. **Computer Skills:** 1- Adobe Photoshop, InDesign & Illustrator 2- Corel Draw 3- Microsoft office 4- Surfer, didger, and strater. **Professional Skills:** 1- ICP-OES analysis 2- XRD & clay mineralogy 3- Petrography 4- Well logs 5- Rock Eval 6- Facies & sequence stratigraphy analysis

## Publications

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Abousif, A. M., 2016, Mineralogical and Geochemical Attributes of Midcontinent Rift: Application as a Target for CO<sub>2</sub> Sequestration, Ph.D dissertation. Missouri University of Science and Technology, 257 pp.

Wronkiewicz, D., Paul, V., Abousif, A., & Ryback, K. 2013. Geoscience Perspectives in Carbon Sequestration-Educational Training and Research Through Classroom, Field, and Laboratory Investigations. University Of Missouri System.

Abousif, A. M., Wronkiewicz, D. J., 2013. Geochemical Experimentation and Modeling of CO<sub>2</sub>-Water-Rock Reactions due to Deep CO<sub>2</sub> Injection into Midcontinent Rift Clastics. publication at the American Association of Petroleum Geologists (AAPG) Annual Convention & Exhibition, Pittsburgh, Pennsylvania, 19-22 May 2013.

Abousif, A. M., Wronkiewicz, D. J., 2011. Mineralogical and Geochemical Attributes of Midcontinent Rift: Application as a Target for CO<sub>2</sub> Sequestration, abstract accepted for poster presentation and publication at the Geological Society of America annual meeting, Minneapolis, MN, October 9-12, 2011.

Abousif, A. M., 2009. Evidence of carbonate precipitation and dissolution by high-pressure test in Copper Harbor Conglomerate samples from Lake Superior, MI., American Institute of Professional Geologists (AIPG)

Abousif, Alsedik M., 2007. Sequence Stratigraphy and Reservoir Facies Architecture of Middle Ordovician Hawaz Formation, Murzuq Basin, SW Libya. MSc Thesis, Academy of Graduate Studies, 155 pp.