



## Atef Masoud Kasem

Geology Department, Faculty of Science,  
Damanhour University, Egypt.

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### I. Biography

Full Name: Atef Masoud Abdelmawla Kasem  
Date of Birth: 18, November, 1982  
Nationality: Egyptian  
Address: Department of Geology, Faculty of Sciences, Damanhour  
University, Damanhour, Egypt.  
Marital Status: Married with two sons

### II. Education & Qualifications

2016	<b>Doctor of Philosophy</b> in Geology “Stratigraphy and Micropaleontology”, from Geology Department, Faculty of Science, Damanhour University, with a joint supervision program <b>between Florida State University, USA and Damanhour University, Egypt).</b> <b>Thesis title: Stratigraphical and Micropaleontological Studies on Some Upper Cretaceous–Lower Paleogene Successions in Egypt</b> دراسات طباقية وأحفورية دقيقة علي بعض تتابعات الطباشيري العلوي – الباليوجين السفلي في مصر
2014 – 2016	<b>A researcher at the calcareous nannofossil lab, Florida State University</b> (Joint Supervision Mission between Florida State University, USA) and Damanhour University, Egypt), under the supervision of Prof. Sherwood Wise.
2013	Preparatory courses for Ph. D. Program
2006 – 2010	Master of Science in Geology from Geology Department, Faculty of Science, Tanta University, Egypt. <b>Thesis title: Sedimentological and Micropaleontological Studies on some Eocene Successions from Fayum Area, Egypt.</b>

2005	Preparatory courses for Master of Science Program.
2000 – 2004	Bachelor of Science in Geology from Geology Department, Faculty of Science, Tanta University, Egypt. <i>General grade: Excellent "Honor".</i>

### III. Positions Held & Career history

2016 – Current Position	<b>Lecturer of Geology</b> , Geology Department, Faculty of Science, Damanhour University, Egypt
2014 - 2016	<b>Researcher at the calcareous nannofossil lab, Florida State University</b> within the joint supervision program between Florida State University (USA) and Damanhour University (Egypt), under the supervision of Prof. Sherwood Wise.
2011- 2014	<b>Assistant lecturer</b> , Geology Department, Faculty of Science, Damanhour University, Egypt
2010 – 2011	<b>Assistant lecturer</b> , Geology Department, Faculty of Science, Tanta University, Egypt.
2004 – 2010	Demonstrator, Geology Department, Faculty of Science, Tanta University, Egypt.

### IV. Research Interests

My research focus includes micropaleontology, stratigraphy, and sedimentology. I am very interested in biostratigraphical studies based on calcareous nannofossils and planktonic foraminifera. Also, I am interesting in sedimentological studies including mineralogical analyses, petrographic investigations, clay mineralogy, facies analysis, as well as chemical and isotopic analyses. In addition, I'm interested in paleo-environmental interpretations based on calcareous nannofossil.

### V. Skills

#### A. Languages

- Arabic (mother tongue).
- English (good).
- French (fair, basics of the language).
- German (fair, basics of the language).

## **B. Computer Use**

- ICDL
- Graphics Programs (Photoshop – Corel Draw – Canvas).
- Educational Software

## **C. Lab Experience**

- Calcareous nannofossil's preparation and examination.
- Foraminifera' preparation and examination.
- Petrographic investigation by using the polarizing microscope.
- Microfacies analysis of sandstones and limestones.
- X-Ray Diffraction (XRD) Technique.
- Clay mineral analysis
- Staining Techniques with Alizarin Red-S and with potassium ferricyanid.
- Scanning Electron Microscope (SEM) Technique.

## **VI. Scientific Activities and Academic Courses**

- Lecturer of academic courses: General Geology, Paleontology, micropaleontology lithostratigraphy, biostratigraphy stratigraphical micropaleontology, Geology of Egypt and Geology of the Quaternary to students of Geology Department, Faculty of science and Faculty of Education, Damanhour University.
- Participation in the educational procedure (laboratory exercises) of the undergraduate courses (since 2005 to 2016): Physical Geology, Structural Geology, Stratigraphy, Paleontology, Micropaleontology, Sedimentary Petrology, Field Geology, Survey, Stratigraphical Paleontology and Engineering Geology.
- Supervising geological field trips of undergraduate students of the Geology Department Tanta University ad Damanhour University.

## **VII. Publications**

- 1) **Calcareous nannofossil and planktonic foraminifera biostratigraphy through the Middle to Late Eocene transition of Fayum area, Western Desert, Egypt (2014).** Akmal Mohamed Marzouk, Ahmed Moustafa El Shishtawy and Atef Masoud Kasem. Journal of African Earth Sciences 100 (2014) 303–323. <https://doi.org/10.1016/j.jafrearsci.2014.07.003>.
- 2) **Calcareous nannofossil biostratigraphy of the uppermost Maastrichtian–lower Paleocene at the Misheiti section, East Central Sinai, Egypt (2017a).** Atef M. Kasem, Sherwood Wise Jr., Mahmoud Faris, Sherif Farouk, Esam Zahran. Revue de micropaleontology 60 (2017) 179–192. <https://doi.org/10.1016/j.revmic.2017.05.002>.
- 3) **Calcareous nannofossil biostratigraphy of the Paleocene at the Misheiti section, East Central Sinai, Egypt (2017b).** Atef Masoud Kasem, Sherwood Wise Jr, Mahmoud Faris, Sherif Farouk and Esam Zahran. Arab J Geosci (2017) 10:455. DOI 10.1007/s12517-017-3217-4.
- 4) **Calcareous nannofossil biostratigraphy of the upper Paleocene–lower Eocene succession at the Misheiti section, East Central Sinai, Egypt.** Atef Masoud Kasem, Sherwood Wise Jr, Mahmoud Faris, Sherif Farouk and Esam Zahran (in press).

- 5) **Calcareous nanofossil biostratigraphy of the upper Paleocene–lower Eocene sequence at the Gunnah section, Farafra Oasis, Western Desert, Egypt.** Atef Masoud Kasem, Sherwood Wise Jr, Mahmoud Faris, Esam Zahran and Sherif Farouk (in press).

#### VIII. References

- (1)- **Prof. Mahmoud Faris Mohammed**, Professor of Micropaleontology, Geology Department, Faculty of Science, Tanta University, Tanta 31527, Egypt. E-Mail: [mhmfaris@yahoo.com](mailto:mhmfaris@yahoo.com)
- (2)- **Prof. Sherwood Wise**, Department of Earth, Ocean and Atmospheric Science, College of Arts and Sciences, Florida State University, USA, Email: [swwisejr@gmail.com](mailto:swwisejr@gmail.com). Room 221 Carraway Bldg., 4100; 909 Antarctic Way; FSU; Tallahassee, Florida 32306-4100.
- (3)- **Prof. Akmal Aly Marzouk**, Professor of Micropaleontology, Geology Department, Faculty of Science, Tanta University, E-mail: [akmal\\_marzouk@live.com](mailto:akmal_marzouk@live.com)