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# CURRICULUM VITAE

**Hassan A. Eliwa**

**Professor of Petrology and Geochemistry**

Department of Geology, Faculty of Science, Minufiya University, EGYPT

۲۰ February, ۲۰۱۷

## PERSONAL EDUCATION

**NAME:** Hassan Ali Eliwa **Ibrahim**  
**BIRTH:** Minufiya, Egypt, October ۲۳<sup>rd</sup>, ۱۹۶۴  
**NATIONALITY:** Egyptian  
**HOME ADDRESS:** ۱۹ Al Gawhara Tower, Sabry Abo Alam, Shebin El-Kom, Minufiya, Egypt  
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**AFFILIATION AND OFFICIAL ADDRESS:** Professor, Department of Geology, Faculty of Science, Minufiya University, Shebin El-Kom, Minufiya, Egypt  
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## EDUCATION

PhD	GeoForschungsZentrum (GFZ), Potsdam University, Germany/Minufiya University, Join Scholarship	۱۰/۹/۱۹۹۵
MSc	Minufiya University	۲۲/۱/۱۹۹۱
BSc (Hons)	Minufiya University	۲۱/۷/۱۹۸۶

## PROFESSIONAL MEMBERSHIP

Member of the Egyptian Geochemistry Society	(۲۰۰۶ and on)
Member of Egyptian Journal of Geology	(۲۰۰۵ and on)
Member of the Egyptian Geological Society	(۱۹۹۵ and on)
Member of Egyptian Scientific syndicate	(۱۹۸۷ and on)
Member of African Geological Society	(۲۰۰۵ and on)

## AWARDS

GFZ Fund	DFG, Germany	(۱۹۹۶)
MIN Medal	Minufiya University	(۲۰۰۱)
EGS Medal	Egyptian Society of Geology	(۲۰۰۴)
MIF Medal	Matsumae International Foundation, Japan	(۲۰۰۴)

## PROFESSIONAL EXPERIENCE:

۲۰۱۷-now	Professor of Geochemistry and head of the Geology Department, Faculty of Science, Minufiya University ( <i>Egypt</i> ).
۲۰۱۵-۲۰۱۷	Professor of Geochemistry at Geology Department, Faculty of Science, Minufiya University ( <i>Egypt</i> ).
۲۰۱۳-۲۰۱۵	Professor and head of the Geology Department, Faculty of Science, Tobruk, Omar Al Mokhtar University ( <i>Libya</i> ).
۲۰۱۲-۲۰۱۳	Visiting Research Professor at Kyoto University, Japan (۴ months)
۲۰۱۱-۲۰۱۲	Professor of Petrology and Geochemistry at Geology Department, Faculty of Science, Minufiya University ( <i>Egypt</i> ).
۲۰۱۰-۲۰۱۱	Visiting Research Professor at Naruto University, Japan
۲۰۰۹-۲۰۱۰	Professor at Geology Department, Faculty of Science, Tobruk, Omar Al Mokhtar University ( <i>Libya</i> ).
۲۰۰۸-۲۰۰۹	Professor at Geology Department, Faculty of Science, Tobruk, Omar Al Mokhtar University ( <i>Libya</i> ).

- ٢٠٠٨ Professor of Geochemistry at Geology Department, Faculty of Science, Minufiya University (*Egypt*).  
Visiting Research Professor at TU Bergakademie Freiberg (*Germany*, ٤/٢٠٠٨).
- ٢٠٠٦-٢٠٠٧ Professor of Petrology and Geochemistry at Geology Department, Faculty of Science, Minufiya University (*Egypt*).  
Visiting Research Professor of Petrology and Geochemistry at Okayama University of Sciences, Okayama (*Japan*, ١/١/٢٠٠٦-٣/٢٠٠٦, ٦/٢٠٠٦-٧/٢٠٠٦, ١/٢٠٠٧-٣/٢٠٠٧)  
Visiting Research Professor at National University Corporation, Naruto (*Japan*, ٦/٢٠٠٧-١/٢٠٠٨).
- ٢٠٠٣-٢٠٠٥ Post-Doctoral Fellowship at Okayama University of Sciences, Okayama, (*Japan*, ١٠/٢٠٠٣-١١/٢٠٠٤), and  
DAAD Scholarship at Freiberg Bergakademie University (*Germany*, ١٢/٢٠٠٤-٣/٢٠٠٥).
- ٢٠٠١-٢٠٠٣ Assistant Professor at Geology Department, Faculty of Science, Minufiya University (*Egypt*).
- ١٩٩٦-٢٠٠٠ Lecturer at Geology Department, Faculty of Science, Minufiya University (*Egypt*).  
Short visiting scholarships at GeoForschungsZentrum (GFZ), Potsdam (*Germany*).
- ١٩٩٥-١٩٩٦ Fellowship Researcher at GeoForschungsZentrum (GFZ), Potsdam (*Germany*).
- ١٩٩٢-١٩٩٥ PhD Scholarship fellow at GeoForschungsZentrum (GFZ), Potsdam (*Germany*).
- ١٩٩١-١٩٩٢ Assistant Lecturer at Geology Department, Faculty of Science, Minufiya University (*Egypt*).
- ١٩٨٧-١٩٩٠ Demonstrator and M.Sc. Researcher at Geology Department, Faculty of Science, Minufiya University (*Egypt*).

## TEACHING, SUPERVISING AND OUTREACH EXPERIENCE

١. Teaching at Minufiya University; Advanced Topics in petrology, Geochemistry, isotope Geochemistry, Plate Tectonics and Geochronology of the Neoproterozoic magmatic and metamorphic rocks.
٢. Supervision of M.Sc. (A) and PhD (V) students.
٣. A member of doctoral examination committee of Vietnamese PhD student in ٢٠٠٧ at Open Research Centre, Okayama University of Science, Japan.
٤. Advisor of undergraduate students.
٥. Speaker on Nov. ٢٨<sup>th</sup>, ٢٠٠٣ International University of Okayama about new insights on the evolution of Neoproterozoic evolution in Egypt.
٦. Speaker on July ٢٥<sup>th</sup>, ٢٠٠٤, Faculty of earth Sciences, Shminae University, Japan about Egyptian ring complexes of Egypt.
٧. Speaker on Nov. ٢٤<sup>th</sup>, ٢٠١٢ Geo-meeting about my experiences and Neoproterozoic evolution in the NED.

## RESEARCH INTEREST

١. Field and petrologic studies of magmatic rocks to understand and explain their origin, genesis, age, and geodynamic evolution, and to clarify the problems connected with magmatism/ tectonism.
٢. Multi-discipline approaches are used: Extensive field work, detailed petrographic investigation, mineral chemistry analyses, geochemical data of major, trace, and REE elements, and radiogenic geochronology.
٣. Geochemistry and geochronology of the metamorphic rocks.

## RESEARCH EXPERIENCE AND EXPERTISE

١. Egyptian leader of the following projects:-

### **Current Projects :-**

- **Japanese Project:** Cooperation with Prof. Dr. T. Shibata, Institute of Geothermal Research, Beppu, Oita, Kyoto University, Japan: (٢٠١٢-On).

- **Japanese Agreement:** Cooperation with Prof. Dr. Mamoru Murata, Department of Geosciences, Faculty of Science, Naruto University of Education, National University Corporation, Naruto, Tokushima, Japan: (٢٠٠٧-On).
- **Italian Project:** Cooperation with Prof. Dr. Giampiero Poli, Department of Earth Sciences, University of Perugia, Italy: (٢٠٠٨-On).
- **German Project:** DFG Project in cooperation with Prof. Dr. Christoph Breitzkreuz, at Freiberg University, Germany: (٢٠٠٥-On).

**Former Projects :-**

- **Japanese Agreement:** Cooperation with Prof. Dr. T. Itaya and Prof. Dr. H. Hyodo, Okayama University of Science, Okayama, Japan : (٢٠٠٣-٢٠٠٨).
  - **Greek Project:** Cooperation with Prof. Dr. Georgios Christofides, at Aristotle University of Thessaloniki, Greece: (٢٠٠٨-٢٠١١).
١. Extensive experience as field geologist using topographic maps, aerial photographs or satellite images.
  ٢. High experience in operating Electron Microprobe Analyzer (EPMA), K-Ar Spectrometer and XRF equipments.
  ٣. Professional experience in preparation of polished-thin sections, separation of minerals, especially zircon, monazite, garnet, mica, amphiboles,.. using heavy liquids, magnetic separator, and final hand picking up.

**REVIEWER OF INTERNATIONAL JOURNALS**

١. Arabian Journal of Sciences.
٢. Journal of African Earth Sciences.
٣. Journal of Asian Earth Sciences.
٤. Gondwana Research.

**LANGUAGES**

١. Native Arabic speaker
٢. English
٣. Deutsche

**GRANTS**

- |           |   |
|-----------|---|
| ٢٠١٤      | Visiting Research Professor, National University Corporation, Naruto, Japan.  |
| ٢٠١٢      | Visiting Research Professor, Institute for Geothermal Sciences, Kyoto University, Beppu, Oita, Japan.   |
| ٢٠١١      | ٧ <sup>th</sup> Hutton Symposium on Granites and Related Rocks, July ٤- ٩, Avila, Spain   |
| ٢٠١٠      | Visiting Research Professor, National University Corporation, Naruto, Japan.  |
| ٢٠٠٨-٢٠١١ | Egyptian Leader for DFG-Egypt Project, Germany.   |
| ٢٠٠٧      | Visiting Research Professor, Open Research Centre (ORC), Okayama University of Sciences, Japan.   |
| ٢٠٠٦      | Visiting Research Professor, National University Corporation, Naruto, Japan.  |
| ٢٠٠٦      | Visiting Research Professor, Open Research Centre (ORC), Okayama University of Sciences, Japan.   |
| ٢٠٠٣-٢٠٠٥ | Post-Doctoral Fellowships:-<br>Minufya University Fund,<br>Matsumae International Foundation (MIF) Japan,<br>ORC, Okayama University of Sciences, Okayama, Japan,<br>DAAD, Germany. |
| ١٩٩٦-٢٠٠٠ | Short visiting scholarships at GFZ Potsdam ( <i>Germany</i> )   |
| ١٩٩٥-١٩٩٦ | Fellowship Researcher at GFZ Potsdam, DFG, Germany  |
| ١٩٩٢-١٩٩٥ | Ph D Scholarship fellow, Egyptian Government/ GFZ Potsdam.  |

**SELECTED ATTENDING CONFERENCES AND MEETINGS**

١. The ٢<sup>nd</sup> annual International Conference on Geology, Institute for Education and Research, Athens, Greece, ٦-٩ June ٢٠١٦.
٢. The ١١<sup>th</sup> International Conference of Geology of the Arab World (Gaw -١١), Cairo Univ., Egypt. ٢٠١٤.
٣. The annual meeting of Geothermal Sciences, Aso Volcano Museum, November ٢٣, ٢٠١٢.
٤. The Meeting of discussion the collaboration works with Prof. M. Murata and Prof. T. Shibata at Naruto University (١٢/١١-١٦/١١/٢٠١٢) during my stay as the visiting professor (١/١٠/٢٠١٢ – ٣١/١٢/٢٠١٢) at the Institute of Geothermal Research, Beppu, Oita, Kyoto University.
٥. The ٧<sup>th</sup> Hutton conference on granites and related rocks, Avila, Spain, July ٤-٩, ٢٠١١.
٦. The ٤<sup>th</sup> Conf. on the Geology of Sinai for Development. Suez Canal Univ., Egypt, October ٦-٨, ٢٠١٠.
٧. The ٣٣<sup>rd</sup> International Geological Congress. Oslo, Norway, August ٨-١٦, ٢٠٠٨.
٨. The ٤<sup>th</sup> International Symposium on Gondwana to Asia & IAGR, Fukuoka City, Japan, November ٨-١٠, ٢٠٠٧.
٩. The ٧<sup>th</sup> International Conference of Geochemistry, Alex. Univ., Egypt. ٢٠٠٦.
١٠. The ١٩<sup>th</sup> meeting of the International Mineralogical Association, Kobe, Japan, July ٢٣-٢٧, ٢٠٠٦.
١١. The Symposium at Research Institute of Natural Sciences, Okayama University of Science, Okayama, Japan, March ٢٩-٣١, ٢٠٠٦.
١٢. The ١<sup>st</sup> Conf. on the Geology of Tethys, Cairo University, Egypt, November ١٢-١٤, ٢٠٠٥.
١٣. EOS Trans. AGU, ٨٥(٤٧), Fall Meeting, San Francisco, December ١٣-١٧, ٢٠٠٤.
١٤. The ١٨<sup>th</sup> Meeting of the International Mineralogical Association, Okayama University, Okayama, Japan, March ٢٩-٣١, ٢٠٠٤.
١٥. The ٧<sup>th</sup> International Conference of Geology of the Arab World (Gaw -٧), Cairo Univ., Egypt. ٢٠٠٤.
١٦. The ٣<sup>rd</sup> International Conference of Africa Geology, Assuit Univ., Egypt. ٢٠٠٣.
١٧. The ٦<sup>th</sup> International Conference of Geology of the Arab World (Gaw -٦), Cairo Univ., Egypt. ٢٠٠٢.
١٨. The ٥<sup>th</sup> International Conference of Geochemistry, Alex. Univ., Egypt. ٢٠٠١.
١٩. The ٥<sup>th</sup> International Conference of Geology of the Arab World (Gaw -٥), Cairo Univ., Egypt. ٢٠٠٠.
٢٠. The ٤<sup>th</sup> International Conference of Geochemistry, Alex. Univ., Egypt. ١٩٩٩.
٢١. The International Conference on the Basement Tectonics, GeoForschungsZentrum, (GFZ) Potsdam, Germany, ١٩٩٤.

## REFERENCES

The following are the names and contact information for references that have worked closely with me during my post-doctoral and Ph.D. research, and are familiar with my on-going research program.

١. **Mamoru MURATA, Prof. Dr. Sci.,**  
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 National University Corporation,  
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٢. **Christoph BREIKREUZ, Prof. Dr. Sci.,**  
 Institut für Geologie  
 Professur für Allgemeine und Historische Geologie  
 TU Bergakademie Freiberg  
 Bernhard-von-Cotta Str. ٢  
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