

MOHAMED OMRAN MOHAMED KHALIFA

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EDUCATION

- Ph.D., Geophysics, University of Georgia, United States, 2002
- M.Sc., Geology, Assiut University, Egypt, 1993
- Diploma (Mineral exploration), ITC, Delft, The Netherlands, 1989
- B.Sc., (Excellent with honor) Geology, Assiut University, Egypt, 1986



ACADEMIC POSITIONS

- Lecturer in Geophysics, South Valley University, since 2002
- Research Assistant, University of Georgia, USA, 2001
- Assistant Lecturer in Geology, Assiut University, 1993-1996
- Teaching Assistant, Assiut University, 1989-1993

MAIN INTERESTS, RESPONSIBILITIES AND EXPERTISE

Training & Project Management

- Enhancing labor market skills of university students and graduates.
- Strengthening the relationships between the university and the community.
- Designing and delivering training programs to students, graduates and faculty members.
- Career Counseling.
- Helping young entrepreneurs in their projects by connecting them with funders.
- Management of Higher Education Development Projects in SVU.

Academic

- Geophysical surveying
- Shallow and deep seismic exploration
- Teaching Geophysics & Geology

Higher Education Development

- Manager of Career Development Center, 2012 - Now
- International Certified Trainer & HRD consultant (IBCT), 2008
- Chief Information Officer (CIO) for South Valley University.
- Manager of ICDL Training & Testing Center
- Supervisor of Communication & Information Center
- Manager of Management Information System project (MIS), 2005-2008
- Member of the National Committee of Higher Education Projects of Egypt, ICTP
- Member of the Executive Committee of the Egyptian Universities Network, EUN
- Member of "Training & Technical support" unit (Quality Assurance Project), SVU

Other Professional Experiences & Participations

- Organized three Employment Fairs at South Valley University, 2014, 2015 and 2017.
- Peer Reviewer, Fulbright Commission, (Fulbright Program Selection Process), 2007-2008
- Contact person for "Strategizing the international Relations for Egyptian Higher Education Institutions" project, 2007
- Proposal writing and needs assessment analysis of MIS project, SVU
- Judge in The Intel National Science and Engineering Fair (Intel ISEF)
- Organized a workshop at SVU to explain the importance of Career Centers, 2011
- Participated in establishing the ICDL training & testing centers at SVU, 2004-2005

HONORS AND AWARDS

- SVU council award for achieving the international certification in training, 2008
- Community Service and Environment Development Sector Award, SVU, 2008
- UNESCO office award (Good performance of ICDL training & testing center (SVU), 2008)
- Postdoctoral grant (Ministry of Higher Education), 2008
- Fulbright Scholar Research Grant (2007)
- The European Commission Grant (TEMPUS), IMG, UK, 2006.
- Award from Information & Communication Center, SVU, (trainer), 2003
- Watts-Wheeler Fund, University of Georgia, USA, 2000.
- NSF Research Fund (through advisor) to finish my Ph.D., 2002.
- Egyptian Government Scholarship for PhD study in USA. 1996-2002
- The Netherlands Fellowship "Mineral Exploration", 1989

TRAINING QUALIFICATIONS

- International Certified Trainer (National Center for Faculty & Leadership Development), NCFLD
- Certified trainer at the "Pathways to the Higher Education" project, Cairo University
- Trainer, Project of Egyptian Decentralization Initiative – USAID
- Trainer, Information Center of Qena Governorate

TRAINING PROGRAMS & WORKSHOPS ATTENDED (AS A TRAINEE)

- Capacity Building training, Workplace Success and Project Management , World Learning, LEEP, 2012, 2013
- Project management training, 2007, Microsoft
- Training of Trainers TOT,(Pathways to the Higher Education), Cairo University
- Training of Trainers TOT1, Faculty & Leadership Development Project (FLDP)
- Training of Trainers TOT2, FLDP project
- Scientific Research Management , FLDP ,2006
- Designing Academic Program, FLDP project 2005
- Ethics of Scientific Research, 2006
- Basic computer skills (ICDL), Ministry of Higher Education, 2006
- TOT, "Teaching Methodology, Student Assessment, Using of Technology in Teaching, Quality Standards in Teaching", (NCFD), MOHE, Egypt 2008
- Intercultural Understanding Workshop, (Austrian Culture Forum & SVU), 2007
- Regional Seminar, Egyptian Higher Education Portal, EHEP, 2007
- Digital literacy training, Microsoft

EXAMPLES OF TRAINING (AS A TRAINER)

- Problem Solving & Decision Making
- Proposal Writing Skills
- Writing Successful Resumes
- Interviewing Skills
- Job Searching Skills
- Basic Computer Skills
- Teaching Science in English
- Effective Presentation Skills
- Using Technology in Teaching
- Entrepreneurship Skills

EXAMPLES OF COMMUNITY & UNIVERSITY TRAINEES

- Employees of Department of student affairs, SVU (MIS project)
- Featured undergraduate students (Univ. president initiative), SVU
- Cement factory employees, Qift (ICDL)
- Industrial bank employees, Qena (basic computer skills)
- Local unit members, Esna (Strategic planning), Decentralization, USAID
- Post office staff members, Qena

SOME EXTERNAL RELATIONS

- World Learning, AMIDEAST, Fulbright Commission, UNIDO and Others
- Cement factory, Paper factory, Water and sewage company, Qena
- Petroleum company of Upper Egypt, Information Center, Qena
- University of Georgia, USA
- University of Liverpool, UK
- Omar Al Mukhtar university, Libya

MEMBERSHIPS

- Society of Exploration Geophysics (SEG), USA
- Geophysical Society of Egypt
- International Board of Certified Trainers (IBCT)
- American Geophysical Union (AGU) 1998-2002
- Geological Society of America (GSA) 1998–2002
- Scientific Syndicate of Egypt

SOME CONFERENCES ATTENDED

- GSA (Geological Survey of America), SE Section, Meeting, Blacksburg, Virginia, USA, 2014
- Fifth Environmental Week, South Valley University, March, 2013
- International Conference of Earthquake Engineering, Cairo University, 1996.
- AGU (American Geophysical Union) Spring Meeting, Boston, USA, 2001.
- GSA (Geological Survey of America), SE Section, Meeting, NC, USA, 2001.
- First International Conference for Environment, South Valley University, 2005

CURRENT TEACHING COURSES

- Seismic Exploration
- Introduction to Earthquake Seismology.
- Geophysical Well Logging
- Subsurface Geology
- General Geology
- Petroleum Geology

LANGUAGES

- English, (Fluent) spoken and written
- Arabic (Excellent) spoken and written

COMPUTER SKILLS

Certificates

- ICDL (International Computer Driving License), In English, 2004

Operating Systems

- Microsoft Windows
- Red Hat Linux (Unix based OS)

Applications

- Microsoft Office (Word–Excel–Access–Power point–Outlook).
- Seismic Unix Package of Colorado School of Mines (Seismic Data Processing)
- Seismic Handler
- WinSeis & Surfseis of Kansas Geological Survey (Seismic Data Processing)

Some Computer Courses Attended

- Introduction to Computer Programming (ITC, Holland), 1989
- Fortran Programming (Saint Louis University, USA), 1996

PUBLICATIONS, ABSTRACTS, AND REPORTS

- Wylie, Bill, Jubran, Ryan, Gallagher, Emily, Carnes, Caroline, Hundley, Britton, Nguyen, Thanh, **Khalifa**, Mohamed O., Schroeder, Paul A., Dowd, John, and Hawman, Robert B. Shallow Geophysical Studies of Natural Hazards and Groundwater Systems in The Southeastern U.S. (poster). Geological Society of America, *Southeastern Section - 63rd Annual Meeting (10–11 April 2014)*
- Hawman, Robert B., M. O. **Khalifa**, and M. Scott Baker, 2010, Isostatic compensation for a portion of the southern Appalachians: Evidence from a reconnaissance study using wide-angle, three-component seismic soundings, *Geological Society of America Bulletin*, October 14, 2011
- Hawman, Robert B., M. O. **Khalifa**, Baker, R. M., Clippard, and J. E., Kucinskis, J. A., 2010, Mapping variation in crustal thickness and vp/vs in the southern Appalachians with wide-angle seismic data: reconnaissance profiles across the Carolina terrane, inner piedmont, and blue ridge, *Geological Society of America Abstracts with Programs*, Vol. 42, No. 1, p. 91
- Hawman, R. B., M. O. **Khalifa**, and M. S. Baker, 2007, Wide-angle, three-component seismic soundings of the crust beneath the Blue Ridge and adjacent provinces, southern Appalachians, *Geological Society of America, SE Section, 56th Annual Meeting, Abstracts with Programs*, 39, 21, Savannah, GA, March 2007
- Hawman, R.B., **M.O. Khalifa**, J.A. Kucinskis, and J.E. Clippard, 2005, Seismic profiling with quarry blasts in the Blue Ridge Mountains , North Carolina : An alternative procedure for migrating wide-angle reflection data. (abs.), *Seismol. Res. Lett.*, 76, 122.
- Khalifa, M.O.**, and R.B. Hawman, 2005, Speculations regarding the subsurface geometry of the Elberton granite from sparse wide-angle reflection data, *Southeastern Geology*, v 43, no. 4, pp. 193-214.
- Khalifa, M. O.**, and R. B. Hawman, 2005, Wide-Angle Seismic Imaging of the Elberton Granite, Georgia: A Pilot Study using Instantaneous Blasts at Dimension-Stone Quarries, *Geophysics*, B70, pp. 67-72.
- Hawman, R.B., M.O. **Khalifa**, J.A. Kucinskis, and J.E. Clippard, 2004, Crustal thickness variations across the southern Appalachians: An alternative procedure for migrating wide-angle reflection data, Sixteenth Annual IRIS Workshop, Tucson, Arizona, June 10-12.
- Hawman, R.B., **M.O. Khalifa**, J.A. Kucinskis, and J.E. Clippard, 2003, Using quarry blasts to image the crust: Deconvolution and migration of wide-angle data, *12th International Workshop on Seismic Imaging Techniques, International Association of Seismology and Physics of the Earth's Interior*, Blacksburg, VA., extended abstract.
- Khalifa, M. O.**, Wide-Angle Seismic Reflection Studies of the Elberton Granite and Carolina Terrane, Southern Appalachians, Northeast Georgia, Ph.D. thesis, University of Georgia, 2002.

Khalifa, M. O., J. A. Kucinskis, and R. B. Hawman, 2001a, Wide-angle reflection studies of the Elberton Granite and surrounding Inner piedmont, northeast Georgia, *Geol. Soc. Am., Southeastern Section*, Raleigh, North Carolina.

Khalifa, M.O., J.A. Kucinskis, J.E. Clippard, and R.B. Hawman, 2001b, Wide-angle reflection profiling of the Elberton Granite and deep structure of the Inner Piedmont, Southern Appalachians, using instantaneous and delay-fired quarry blasts, *EOS Trans. Am. Geophys. Union*, 82, S271.

Khalifa, M. O., J. A. Kucinskis, J. E. Clippard, and R. B. Hawman, 2001c, Short-aperture array studies of crustal structure in the southern Appalachians using instantaneous and delay-fired quarry blasts, *Seismol. Soc.America, Eastern Section*, Annual Meeting.

Khalifa, M. O., Geology of the Area around Bir El-Sid, Eastern Desert, Egypt, M.Sc. thesis, Assiut University, 1993.

Ahmed, A. A., Mawas, S. G., and M. O. Khalifa, "Bir El-Sid Basic Flow Sheet, Central Eastern Desert, Egypt", *Bull. Fac. Sci., Assiut Univ.*, 23 (2-F), pp, 141-171, 1994.

Ahmed, A. A., Mawas, S. G., and M. O. Khalifa, Plutonic Intrusions of Bir El-Sid Area, Central Eastern Desert, Egypt, *Bull. Fac. Sci., Assiut Univ.*, 23(2-F), pp. 101 – 139, 1994.

Group Report on "Geochemical Exploration in Santa Eufemia, Cordoba Province, Spain", by MEX-3, Post Graduate Diploma Course in Mineral Exploration, ITC, Holland, 1989.