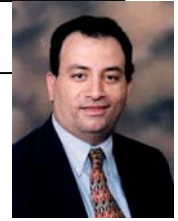

CURRICULUM VITAE S.M. ElKholy 1/6

Name	: ElKholy, S.M.	Nationality	: Egyptian
Profession	: Assistant Professor	Place of Birth	: Cairo, Egypt
Years with Firm	: 7 months	Date of Birth	: Sept.,28 1962



Contact Information : College of Engineering, Al-Qassim University
Buraidah, Saudi Arabia
(+9666) 380-0050 X-5210 Office
(+966)557588260 Mobile
selkholy@excite.com

Key Qualifications:

Associate Professor of Geotechnical/Geo-environmental Engineering.
Geotechnical/ Geo-environmental Engineering and Water Resources Expert.
Irrigation Infrastructures Expert, Design and Rehabilitation.

Education:

B.Sc.: Civil Engineering, Ain Shams University, 1984.
M.Sc.: Civil/Environmental Engineering, Utah State University, USA, 1989.
Ph.D.: Civil Engineering/Engineering Mechanics, University of Arizona, U.S.A, 1995.

Employment Record:

2005 to date	Associate Professor of Geotechnical/Geo-environmental Engineering at Civil Engineering Department, College of Engineering, Al-Qassim University, Buraidah, Saudi Arabia.
2003 to date	Associate Professor/Head of the Geotechnical/Geo-environmental Engineering Department at the Construction Research Institute, National Water Research Center, Ministry of Water Resources and Irrigation, Cairo, Egypt.
2004-2005	Consultant Engineer at the petroleum services company: Engineering for Petroleum and Process Industries (Enppi)
1998 – 2003	Researcher at the Construction Research Institute, National Water Research Center, Cairo, Egypt.
1997 to date	Registered Civil Engineer at the State of New York, USA.
May – July 2002	Short term Consultant at the World Bank, Cairo, Egypt.
1997 – 1998	Instructor at Rockland Community College, Spring Valley, NY, USA.
1996 – 1998	President and owner of ABC Computer Consulting Office, Spring Valley, NY, USA
1991 – 1995	Teaching Assistant at the University of Arizona, Tucson, Arizona, USA.

Employment Record:

- 1988 – 1989 Student Computer Consultant at Utah State University, Logan, Utah, USA.
- 1984 – 1986 Civil Engineer, ElHashmy Consulting Office, Prof. M. ElHashmy, Cairo, Egypt.

Experience Record:

2005 to date Assistant Professor of Geotechnical/Geo-environmental Engineering at the Civil Engineering Department, College of Engineering, Al-Qassim University of Saudi Arabia. In addition to teaching, I supervise the establishment of state of the art Geotechnical and Geo-environmental laboratories for the college and participate in the research program of the university. I also perform the duties of the head of the department.

1998-2005 I participated, with my colleagues at CRI and others, in preparing and teaching structural/geotechnical engineering training courses for engineers of the Ministry of Water Resources and Irrigation and its nationwide departments. These courses are held on regular basis at the Regional Center for Training and Water Studies of, Cairo, Egypt.

1998-2005 At the Construction Research Institute, I led a technical team of two engineers, and a geologist. The institute, as the consultation house of the Ministry of Water Resources and Irrigation, provides consultations and recommendations for the existing as well as the newly developed projects for the ministry and other governmental agencies. My team participated, with other teams within the institute, in performing different engineering tasks in several projects. This usually includes, but not limited to, field investigations, executing laboratory-testing programs, writing technical reports and providing specific consultations and recommendations to solve engineering problems. Some of these projects are:

The project of Development of South of Egypt (Toshka Project): The consultation covered the site of the main canal, its branches and the sites of the major Irrigation Control Structures. The performed tasks included supervising the boring execution, field and lab testing, and providing technical reports and consultations. It also included the design and the structural analysis of the concrete lining, and the irrigation control structures.

Rehabilitating and enhancing the performance of El-Salam canal embankments on both design and construction work, Demitta: The performed tasks included the design and field monitoring of the embankments support and the seepage control

systems. A long-term field monitoring system also was design and implemented at the site.

Upgrading and rehabilitating the inf-structures for El-Safe canal project: the project composes more than 48 hydraulic structures including Syphons, Culverts, Aqueducts, Bridges, and Storage Bonds.

The protection wall at the site of AlGharbaniate pump station, Alexandria: Additional performed tasks included numerical modeling of the wall to determine its expected behavior, the investigation and quality assurance of the materials to be used for the protection wall.

Design and geotechnical analysis of the new embankments of the ElHindaw Lake, AlWady AlGadid: Additional performed tasks included investigation and quality assurance of the materials to be used for construction, study of seepage control, slope stability and structural stability of the embankments.

A Coffe Dam to be constructed at the area of Depression (4) near AlWady AlGadid: The performed tasks included investigation and quality assurance of the necessary engineering materials, study of the slope stability, seepage control, and structural stability of the Coffe Dam and its foundation using computer numerical modeling.

Rehabilitating the environmental impacts due to embankments failure: The geotechnical investigation of the failed embankments of several small open channels (both canals and drains) that have caused environmental problems and providing the necessary engineering solutions to overcome such problems.

1998 – 2004

Director of the Geotechnical/Geoenvironmental Engineering Laboratory: I supervise a staff of 3 engineers and 6 laboratory workers. My responsibilities include monitoring the laboratory equipment, facilities, activities...etc, and helping the CRI technical staff executing their lab testing programs, which are usually required to complete their consulting tasks.

Establishing and managing a state of the art information technology laboratory at the CRI: to serve the institute staff of engineers and researchers in the areas of numerical analysis and design of the irrigation structures, field monitoring, computer controlled lab experiments and information technology. The lab plays a significant role in the national projects of Ministry of Irrigation and Water Resources.

- 2004 – 2005 As a Consultant Engineer at Enppi, I provide their staff of the Civil Engineering Department with consultations regarding design of foundations of the utilities structures as well as pipelines supporting structures. I also provide consultations to solve the construction problems they face in the field.
- May – June 2002 **Project Independent Consultant with The World Bank:** I worked as an independent consultant for - Matrouh Resource Management Project-II. My task was to investigate the project components and activities, provided by the contractors to the World Bank Office in Egypt, and evaluate their estimated cost with regard to the Egyptian local market.
- 1996 –1998 **President and owner of “ABC Computer Consulting”, Spring Valley, New York, USA,** I led a team of three computer professionals. Our goal was to provide our customers, local small businesses and professionals, with the best possible service regarding computer consultations, which included both hardware and software to improve their work performance and efficiency.
- 1991 - 1995 **During my graduate studies at University of Arizona, U.S.A., I worked as the principal investigator for the project:** “Stability analysis and performance of pre-manufactured dams built of heavy construction equipment old tires (state of Arizona Department of environment and The University of Arizona)”, Tucson, Arizona. The project goal was to recycle these tires as a sound environmental alternative of wasting them and at the same time makes a good use of them to help small farms with their water demands.
- 1991 – 1995 **I worked as an Instructor (Teaching Assistant) for several civil engineering classes** including: Structural Analysis and Design, Soil Mechanics and Foundation Design, Material Science, Computer Applications in Civil Engineering, Construction Management, and Hydraulics Lab.
- 1988 – 1989 **Student Computer Lab Consultant** during my graduate study at Utah State University, Utah, U.S.A. I supervised a student computer lab. My job was to help the students to overcome problems with software and hardware.
- 1986 – 1987 **Design Engineer at ElHashmy Consulting Office:** I participated in the design of several residential and commercial buildings.

Computer Skills: **Operating Systems:** Windows.
Engineering Analysis: Geo-Slope Office.
Utilities: Microsoft Office (Word, Excel, PowerPoint).

List of Publications

- 1998-2005 Numerous technical and consultation reports concerning field, laboratory and numerical studies to solve several engineering problems in the areas of geotechnical, as well as geo-environmental engineering.
- 2007 S. ElKholy, "Behavior of Collapsible Soil in Southern Egypt, An Experimental Study". Accepted for publication, Engineering Journal of Al-Azhar University, Cairo, Egypt.
- 2007 Sayed Abo El-Ala Habib and Sherif M. ElKholy, "Recycling of Pavement Systems, an Economical and Environmental Necessity". Accepted for Publication, The Seventh Saudi Engineering Conference, Riyadh, 26-28/11/2007.
- 2004 Y.B.M. Heza, S. Elkholy, and A. Abdel-Motaleb 'Rehabilitation of Slope Failure of Irrigation and Drainage Channels in Egypt: Case Studies', Proceedings of the Mansoura 4th International Engineering Conference, 20-22 April 2004, Sharm Elsheikh, Egypt.
- 2003 Y.B.M. Heza, Sherif ElKholy, and Ashraf ElAshaal, 'Seepage from Irrigation Canal in Dispersive Soil and its Mitigation', Journal of College of Engineering at Almataria, Helwan University, August 2003.
- 2002 A. ElAshaal, S. ElKholy, A. Abdel-Motaleb, and A. Heikal, 'Design and Performance Analysis of a Cofferdam', Soil Mechanics and Foundations Journal of the Egyptian Geotechnical Society, Vol. 13- part 2, 2002.
- 2002 Ashraf ElAshaal, Alaa AbdelMotaleb, and Sherif M. ElKholy, 'Upgrading and Reconstruction of a Collapsed Embankment Founded on Salty Soil'. International Congress on Conservation and Rehabilitation of Dams, Madrid, Spain, November 11th – 13th 2002.
- 2002 Sherif ElKholy, 'Evaluation of Collapse and Dispersion Potential of Some Soil Deposits East of the Nile Delta', Water Science Journal of the National Water Research Center, October 2002.
- 2002 Ashraf ElAshaal, Alaa AbdelMotaleb, and Sherif ElKholy, 'A Cutoff Wall to Protect Construction Sites Against Rising Ground Water level, Water Science Journal of the National Water Research Center, April 2002.
- 2001 Ashraf El-Ashaal and Sherif M. ElKholy. 'Engineering Behavior of Swelling Clays in Southern Egypt, A Case Study'. Soil Mechanics and Foundations Journal of the Egyptian Geotechnical Society, Vol. 12- part 1, 2001.

List of Publications

1993 Wu, C.S., Budhu, M. and El-Kholly, S., 'Finite Strain Elastic Closed Form Solutions for Some Axisymmetric Problems,' ACTA Mechanica, Vol. 97, 1993, pp.1-22

Conferences

Attended: Geotechnical Engineering Congress of the American Society of Civil Engineers, Chicago, IL, USA, June 25-29, 1989.

Constitutive Laws of Engineering Materials, Theory and Applications, Tucson, Arizona, USA, January 7-12, 1991.

Geotechnical Engineering Congress of the American Society of Civil Engineers, Bolder, CO, USA, June 10-12, 1991.

Stability and Performance of Slopes and Embankments, American Society of Civil Engineers, Berkeley, CA, USA, June 29 – July 1, 1992.

- المؤتمر الدولي الثامن للهندسة الإنشائية والجيوتقنية، ١٥ – ١٧ ديسمبر ١٩٩٨ – قسم الهندسة الإنشائية كلية الهندسة – جامعة عين شمس – القاهرة.
- المؤتمر الدولي للهيدرولوجيا البيئية، ١٦ – ١٨ مايو ١٩٩٩ – الفرع المصرى للجمعية الأمريكية للهندسة المدنية - القاهرة.
- المؤتمر الدولي للإدارة المتكاملة لمصادرة المياه فى القرن الحادى والعشرين، ٢١ – ٢٥ نوفمبر ١٩٩٩ – اليوبيل الفضى للمركز القومى لبحوث المياه – القاهرة.
- المؤتمر الدولي الرابع للهندسة الجيوتقنية، ٢٤ – ٢٧ يناير ٢٠٠٠ – كلية الهندسة – جامعة القاهرة.
- مؤتمر القاهرة الثالث لهندسة الزلازل، ١٨ – ٢٠ نوفمبر ٢٠٠٠ – كلية الهندسة – جامعة القاهرة.
- المؤتمر الدولي الثامن لرسوبيات الأنهار، ٣ – ٥ نوفمبر ٢٠٠١ – المركز القومى لبحوث المياه - القاهرة.
- المؤتمر الدولي لأفاق التعاون العربى للمياه، التحديات والمحاذير والأمال، ١٢ – ١٤ أكتوبر ٢٠٠٢ – المركز القومى لبحوث المياه - القاهرة.

Languages:

	Speak	Write	Read
Arabic	mother tongue		
English	excellent	excellent	excellent

Signature
Sherif ElKholly

Date
21/05/2007