

# Tarek Abdel-Hafez

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## Personal Data

Born in Cairo on November 30, 1968; married from Geologist and  
Father of 3 Children (Salma 7 yrs, Abdallah 4 yrs and Nada 1 yr).

## Education

April 2004 Ph.D., Institute for geological Sciences, University of Berne, Switzerland.  
May 1998 M.S., Faculty of Science, Geophysics Dept., Ain Shams University, Cairo, Egypt  
May 1991 B.S., Geophysics, Cairo University, Faculty of Science, Geophysics Dept.

## Professional Experience

April 2004- Present **Research Scientist**, Nat. Res. Inst. of Astronomy and Geophysics, Egypt  
May 1997- Sept 1996 **QC Geophysicist**, Western Geophysical Atlas Co. (BAKER HUGHES);  
June 1994- Mar 1993 **Assistant Observer**, Schlumberger (Geco-Prakla)

## Research Services

Summer2005 Interpreter for geophysical data of Borg Al-Arab project (*Determination the instability problems in power lines cables pillar nets, Alexandria, Egypt*),  
Summer2004 Assisted in geophysical data acquisition and interpretation of Aswan project (*Measuring the water leakage quantity from Lake Naser, Aswan*),  
Spring 2004- Summer 2000 Preparing PhD Thesis, Institute for geological Sciences, Bern University,  
Summer 2000- Winter 1998 Assisted in geophysical data acquisition and interpretation of Pyramids and Sakkara project (*The reasons behind the occurrences of groundwater underneath the Sphinx and Sakkara antiquities area*)  
Summer 1998- Winter 1994 Assisted in geophysical data acquisition and interpretation of Wadi Hof project (*Determination the Safest passes to Military Vehicles and Tankers*).

## Research Interests

2D-3D resistively and GPR, seismic processing-interpretation, inversion-modeling, Borehole geophysics, Engineering geology (XRD and SEM) and geothermal.

## Languages

**Arabic:** Native, **English:** Fluent, **German:** very good and **French:** Poor

## Computer Skills

Reflex, Res2D-3Dinv, ArcView and MapInfo; CorelDraw, Adobe Photoshop, Illustrator and PageMaker; Surfer, Grapher; Microsoft Word, Excel, PowerPoint and Visual Basic6.

## Publications

Abbas M. Abbas, Elsaid A.Elsayed, Fathy A. Shaaban and **Tarek Abdel-Hafez** ,2006. Uncovering the Pyramids Plateau of Giza for probable Archaeological relics-Assemblies by Ground Penetrating Radar.**under press**, Journal of Egyptian Petrophysical Society.

**Tarek Abdel-Hafez**, 2006. Geotechnical Studies in Minia and Beni-Suef urban, Egypt. J of Nat. Res. Of Astr. And Geophy (**under press**)).

**Abdel-Hafez T.**, Sultan A. Sultan, Fthay A. Shaaban, Mahfooz. A. Hafez and Mohamed A. Abd-Alla,. Instability problems investigation at Borg Al-Arab, Alexandria, Egypt. Submitted to Journal of near surface geophysics ID= JGE/211310

**Abdel-Hafez, T.**, Geotechnical and mineralogical investigations at 15th May City, Cairo, Egypt. Submitted to Journal of Geophysics and Engineering, ID= JGE/222969.

Hassaneen, A. Gh., Al-Sayed, Elsaid A., Osman, S. Sh., Mousa, S. A., **Abdel-Hafez, T.**, 2001. Groundwater Evaluation of the Pleistocene aquifer in the Tenth of Ramadan area, East of Nile Delta, Egypt. Bull. Nat. Res. Of Astr. And Geophy, p. 299-329.