

Dr. Abdelal Mohamed Abdelwahed
Professor of Surveying and Geodesy
Civil Engineering Department, Faculty of Engineering, Assuit University
Assuit, Egypt.

Name : **Abdelal Mohamed Abdelwahed**

Current Position: Prof. of Surveying and Geodesy, Civil Engineering.

Employment History:

**** Demonstrator: June 1964**
**** Assistant Lecturer: Oct. 1974**
**** Assistant prof. : Nov. 1978**
**** Associate prof. : Dec. 1984**
**** Prof. : Mar. 1991**

Teaching Experience:

- (i) For undergraduate Civil Engineering Students:
 - Geodesy (study in English).
 - Practical astronomy (study in English).
 - Selective courses in transportation (study in English).
 - Surveying project (study in English).
 - Plane and topographic surveying.
 - Photogrammetry and remote sensing.
- (ii) For post graduate students (all course in English):
 - Advanced Geodesy.
 - Advanced surveying courses.
 - Practical astronomy for surveying purposes.
- (iii) Major Research Topics
Surveying,; Geodesy & Applied Astronomy

Publications: During the 5 years

These reaches were supervised during last 5 years

- Detailed study on the potential of high scanning resolution and different types of camera lenses for digital photogrammetric applications.
- Urban land use change detection in Assuit city between 1990/2000.
- Potential of using high resolution satellite images for mapping applications.
- Evaluation of information content and feature extraction capability from Egypt-Sat 1 image.
- New model for Orthorectification of Egypt- Sat 1 image.
- The potential of satellite images for map updating with emphasized on Egypt-Sat 1 images.

P.T.O.

P. (2)

Supervision for Graduate Student Researches (Environmental)

A) Examples of Ph.D.degrees

- 1) Ph.D. Thesis, Engineer Farrag A.F. Under title:
Production and uses of digital maps. Assiut University, 1984.
- 2) Ph.D. Thesis, Engineer Yasser Gaber Ali . Under title
(Evaluation of Egypt Sat -1 Image for map
- 3) Ph.D. Thesis, Engineer Ragab Khalil Ragbag . Under title
(Evaluation of developed new surveying method for railway
measurements)

B) Examples of M.sc Degrees

- 1) M.sc thesis . Eng.Magda Said ELnoban. Under title
(Land use /land cover Change Detection using satellite Images)
- 2) M.sc thesis . Eng.Ahmed Abd-el-rahim Farghaly.
Under title (Urban land use change detection in Assiut City)
- 3) M.sc thesis . Eng. Rokaia Younis Ali Under title
(Investigation the applicability of the Aerial and land-sat
images to some urban activities).

Scientific Sabbatical :

- 1)Sabbatical leave to Stuttgart University (Dutch Land) for 6
months (8 /2 /94 - 7 /8 /94) TO study advanced subjects in
Surveying ,Geodesy and Remote sensing as well as carrying
out technical researches in the same field.
- 2) Sabbatical leave to Innsbruck University for 10 days as a
cooperated supervisor of scientific channel On 22 /2 /1998.
- 3)Attend the conference of Surveying and maps (ASCM)
In California (USA) on 7-17 /11 /1990 with an oral paper.

Examples Of General Public works (projects) in EGYPT

- 1) Sanitary Projects all over Upper Egypt . specially in
ASSIUT city .
- 2) Build your housing project allover Upper Egypt in new cities
specially ASSIUT new city .
- 3) Surveying observations for the monasteries , mosques
,temples of ancient Egypt ...etc. for repairing or
reconstructing.
- 4) Planning and surveying observations needed for vital
projects such as new cities ,factories ,Roads , railways
- 5) Contour maps , Leveling network maps and Cadastral maps
for planning public projects.

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