

Dr. Khaled Ali Amen Ahmed

*Lecture of, Sanitary and Environmental ,Water Supply system,
Hydraulics and management of water resources,
Civil Engineering Department,
Faculty of Engineering, Assiut University, Assiut, Egypt.*



1. PERSONAL INFORMATION

Name :Khaled
Surname :Amen
Date of birth (Day/month/year) :3/1/1972
Place of birth (City – Country) :Sohag - Egypt
Nationality :Egyptian
Sex (M / F) :Male
Marital status :Married
Number of Children :Five
Occupation : **Lecture in civil Eng. from 30/4/2006 till now**
Major area :Civil Engineering
Specialization area : **Sanitary and Environmental, hydraulics and Water Supply system**
Permanent address :Civil Eng. Dept., Faculty of Eng., Assiut Univ., Assiut 71516, Egypt
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2. LANGUAGES

-**German** : I have got a “*Grundstufe 1*” at Goethe institut, Cairo, Egypt.
 -**English** : I have a (toefl score 530) good level in " reading , writing and listening ".

3. SCIENTIFIC DEGREES

- **B.Sc.** " Civil Engineering ", Faculty of Engineering, Assiut University, Assiut, Egypt, **May 1994, (very good with honor's degree).**
 - **M.Sc.** " Civil Engineering ", Faculty of Engineering, Assiut University, Assiut, Egypt, **Dec.1998.**

The title of my thesis was:

“The effect of irrigation structure Gate-shapes on discharge coefficient“

I passed successfully this courses for fulfillment of obtaining the master degree:

- **Water Supply system Engineering (Degree is distinction);**
 - **Hydraulics of water structures (Degree is distinction);**
 - **Advanced design of irrigation works (Degree is distinction);**
 - **Advanced mathematics and statistics (Degree is distinction).**

- **Ph.D.** "Civil Engineering [Hydraulics and water construction]", Assiut University Faculty of Engineering, civil Eng. **Sep. 2005**
 under title:

“A comprehensive study concerning the effect of curved weir shapes on the flow characteristics and bed topography”

4. OCCUPATIONS

- **Demonstrator**, Civil Engineering Dept., Faculty of Engineering, Assiut University, Assiut, Egypt, **1996-2000**.
- **Assistant lecturer**, Civil Engineering Dept., Faculty of Engineering, Assiut University, Assiut, Egypt, **2000-2005**.
- **Lecture**, Civil Engineering Dept., Faculty of Engineering, Assiut University, Assiut, Egypt, **2006 to date**.

5. TEACHING EXPERIENCE

I have taught the following courses for undergraduate students:

a- " **Advanced Sanitary and Environmental and Water Supply system .**

Fourth Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

b- " **Advanced design of Water Eng. construction (Bridges, Syphons, Culverts, .etc)**",

Third Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

c- " **Design of Irrigation and Drainage Systems "**,

Second Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

d- " **Hydraulics "**,

Second Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

e- " **Internal Navigation "**,

Forth Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

f- " **Civil Engineering Drawing "**,

First Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

I have taught the following courses for postgraduate students:

a-“ **Application of Artificial Neural Networks”** in hydraulics

Ph.D. Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

6. PROJECTS:

-“**Advanced Sanitary and Environmental and design of irrigation constructions”**,

Fourth Year Students, Faculty of Engineering, Assiut University, Assiut, Egypt.

a. Planning of **Water Supply system**.

b. Design and drawing cross sections of Cannals and Drains.

c. Design and drawing of Water Constructions.

d. Design and drawing of Advanced Irrigation Systems " Drip and Sprining irrigation".

7- SUPERVISION ON post graduate in field of Sanitary and Environmental Engineering

1- Advanced solid wastes manigment

2- Industraig wastes treatment

3-Removal of heavy metals and hazard wastes from wastes water

4- Advaced Water Supply Engineering

5- Advanced waste water Engineering

7. SUPERVISION ON THE SCIENTIFIC THESES

I Am a Supervisor on many Scientific Thesis and I give them many courses:

1- Engineering Application of Computer in Hydraulic and Water Resources

For first year Master

2- Advanced Sanitary Compartments.

3-Water Supply Engineering

8. PUBLICATIONS

[1] Ashour and Amen, K.A. " **Local Scour profile downstream Weirs by Using Artificial neural_Network**" Journal of Eng. Sciences –Facility of Eng. Assiut University, vol.32. No.4

[2] Ashour and Amen, K.A. " **The Effect of Weirs Shapes on the Discharge Coefficient**" Journal of Eng. Sciences –Facility of Eng. Assiut University, vol.33. No.2

[3] Ashour and Amen, K.A. " **Scour Hole Dimensions Downstream Weirs**" Journal of Eng. Sciences –Facility of Eng. Assiut University, vol.33. No.3, May 2005.

[4] Amen, K.A. " **Mathematical Model for Estimating Scour Downstream Weirs**" Journal of Eng. Sciences –Facility of Eng. Assiut University, vol.36. No.2, March 2008.

[5] Amen, K.A. " **Artificial Neural Network Model for Predicting Discharge Below Gates**" Journal of Eng. Sciences –Facility of Eng. Assiut University, vol.33. No.3, May 2008.

[6] Amen, K. A., Yasser M.R., " **Prediction of Scour Depth Around Bridge Piles Using Artificial Neural Networks**" Journal of Engineering Sciences, Assiut University, Assiut, Egypt, March 2009..

[7] Amen, K.A. " **Prediction Model for predicting Evaporation Rate Using Artificial Neural Networks**". EMWAWA 2009, Assiut, University , Egypt, 18-19 Nov. 2009.

[8] Ashour M. A and Amen, K.A. " **A Study for Estimating the Lake Nasser Evaporation Losses from Reservoir s Surface "**. EMWAWA 2009, Assiut, University , Egypt, 18-19 Nov. 2009.

9. CONFERENCE

1) 1st International conference of civil engineering science, 7-8 October, Assiut - **Egypt** 2003;

2) 2nd International conference on great rivers attractors for local civilization, 12-14 October, Assiut - **Egypt** 2003;

3) 1st International conference " Economics and Management of water in Arab World and Africa

10. PROFESSIONAL SOCIETIES

- Very good background in computer programming as well as utilizing some standard software.
- From 1995 to 2002 beside my work in Assiut university, I worked senior engineer in the "special consultant engineering office"– Assiut – Egypt and I designed many projects about buildings, **Water Supply Eng, Sanitary and**

Environmental Engineering, and water constructions "bridges, barrages, culverts, syphons, Locksetc", advanced design for the springing and drip irrigation system .

المشاركة في اللجان و الأنشطة المختلفة بالقسم:

- ١ - المشاركة في الإشراف على الرحلات العلمية لطلاب الفرق المختلفة و كذلك طلاب البكالوريوس بقسم الهندسة المدنية – جامعة أسيوط.
 - ٢ - المشاركة في لجان الامتحانات الفصلية بقسم الهندسة المدنية – جامعة أسيوط.
 - ٣ - الأعداد و التجهيز والمشاركة في المؤتمر الدولي الأول عن اقتصاديات وإدارة المياه في الوطن العربي وأفريقيا " من 18-19 نوفمبر 2009 جامعة أسيوط
- المشاركة في اللجان و الأنشطة المختلفة بالكلية و الجامعة:**
- ١ - عضو مركز الدراسات و الاستشارات الهندسية بكلية الهندسة – جامعة أسيوط ابتداء من أول ابريل 2009 م حتى الآن.

Dr. Eng. Khaled Ali Amen