



**Zagazig University**  
**Faculty of Agriculture**  
**Agricultural Engineering Department**

27 El-Fath Al-Islamy Street  
Zagazig, Sharkia, Egypt.

Agricultural Engineering  
Department, Faculty of  
Agriculture, Zagazig  
University, Zagazig City  
P. Code 44511, Egypt.

Phone: +2 011 2160 6943  
+2 010 9294 8019

E-mail: [wesam@zu.edu.eg](mailto:wesam@zu.edu.eg)  
[Dr.wesam15@yahoo.com](mailto:Dr.wesam15@yahoo.com)

Website: [www.wesam.name.eg](http://www.wesam.name.eg)

Telephone (Work) : (+2055) 2282360 -  
(+2055) 2283560

Fax (Work) : (+2055) 2287567

## Wessam El-Sayed Abd El-Hameed Abd Allah

### Personal Information

- Nationality: Egyptian
- Gender: Male
- Date of Birth: 30 January 1986
- Military Status: Not required
- Place of Birth: Sharkia, Egypt
- Marital status: Married
- Passport No.: A05261415



### Objective

Applying to scientific scholarships & research grants & I'm a researcher who is looking forward to entering a career that enables me to work in a practical environment, in which there is an ambition for pursuing new technologies and sharing experience with other people & I'm Looking forward to occupying a high rank position in agricultural engineering field to increase my experience and build upon my technical skills acquired through my academic education and practical experiences..

### Education

- **Faculty & University**  
Faculty of Agriculture – Zagazig University.
  - a- Bachelor of Agricultural sciences, Agricultural Engineering department.  
Level in National or International Classification: Excellent with the Honors Degree (93. 31%) June 2007 (1<sup>st</sup> Honor Class of the college).
  - b- Master of Agricultural Engineering Sciences (solar energy) Agricultural Engineering Department 2013.

### Occupation or position held:

Lecturer Assistant of Agricultural Engineering Department, Faculty of Agriculture, Zagazig University, Egypt (12/2/2013).

Demonstrator - Agricultural Engineering Department, Faculty of Agriculture , Zagazig University , Egypt. (3/11/2007).

### Languages

- Arabic (mother tongue)
- English (good)
- French (weak)
- Spanish, Italian & Germany (Willing to learn)

## Work Experience

- Demonstrator of Agricultural Engineering at Fac. Agr. – Zag. Univ. since 2007,
- Lecturer Assistant of Agricultural Engineering at Fac. Agr. – Zag. Univ. in 2013.
- Solar energy applications in agriculture and irrigation,
- Trainer of Zagazig Univ. for ICDL and commuter skills (2009-2011).
- Teaching experience in solar energy and its applications in agriculture, basics of agricultural engineering, fluid mechanics, irrigation systems and thermodynamics, engineering materials, automatic measurable and control instruments.
- Collecting and analyzing meteorological data,
- Use of low water quality for irrigation,
- Farm Planning.
- Experimental work on my research of solar ponds and investigating its performance and thermal analysis,
- Practical teaching courses on heat transfer, engineering drawing, solar energy, thermodynamics, survey, hydraulics, irrigation, drainage and water management.
- Water desalination,
- Water management, water stress and water losses,
- Studying pre master courses in applied energy and its applications in agriculture
- I'm finishing now researches in my field, the first about "studying the availability of solar pond's construction in Egypt" and the second is on title "solar pond as a novel device to trap solar energy".
- How to write a research proposal.
- Good in understanding and solving hardware and software problems of a computer.
- Good in dealing with statistical programs (SPSS & Spread Sheets).
- I am responsible for: Teaching practical Sections of Agronomy for the department students, round table discussions and practical visits.
- Participating in the Department Projects and assisting my companions with their thesis.
- Working member of the implementation team of the quality assurance system of the faculty.
- Working member of ICDL training Team on Zagazig University
- Supervision on Fieldtrips of summer training programs of under graduate students to different scientific institutes.

## Certificates &amp; Honors and Awards

- B.Sc. Faculty of Agriculture, Department of Agricultural Engineering, Zagazig University, Zagazig city, Egypt, June 2007, Excellent with the honor degree(93.31%)
- M.Sc. Faculty of Agriculture, Department of Agricultural Engineering, Zagazig University, Zagazig city, Egypt, Jan 2013.
- Certificate of Annual Academic Conference of young researchers, Faculty of Agriculture, Zagazig University, Egypt. (29 April 2013)
- Certificate of 19<sup>th</sup> international conference of Misr Society of Agricultural Engineering, El-Mansoura University, Egypt (14/15 Nov. 2012).
- Total station, auto level and Pythagoras from Cairo engineering and manufacturing Company (From 13/8/2011 to 18/8/2011).
- "Design of modern irrigation systems" faculty of agriculture zagazig Univ. and TORO (American company) 3/4 Aug 2011.
- Agricultural machines from agricultural research center (ARC) (From 6/8/2011 to 11/8/2011).
- Management the dialogue and the debate from Zagazig University in collaboration with British council (8 hours 19/11/2012).
- Research management from DAAD (German academic exchange service) (6 hours 24/12/2012).
- International networking from DAAD (6 hours 25/2/2013).
- "Egypt evapotranspiration" training workshop in STDF-ID 3864 project "new approach for measuring crop evapotranspiration and updating crop coefficient in Egypt" June 16-20, 2013 Cairo – Egypt.
- Adobe Photoshop from supreme council of universities-Egypt from 21/2/2013 to 13/3/2013 (28 hours).

- Certificate of (Assurance Management center- Zagazig University) Course– Program Specification (2012)
  - Common in continuous improvement and qualifying for accreditation project. (CIQAP)
  - Participate in the mode of the plan notes and observations of undergraduate and graduate in the faculty (2013).
  - 1<sup>st</sup> place on my college for academic year 2007.
  - Certificate of ICDL – learning and training (2009)
  - Local TOEFL for a 60-hour course with score of (516) from English For Specific Purposes Centre, Zagazig University, Egypt (27/11/2011 to 15/1/2011).
  - Certificate with excellent grade in level 5 in primary English (2007).
  - Certificate of SASC (Sharq Academy for Applied Science
  - Human Development & Human Resources Management – certificate from Misr Training and Technical Consultation, MTTC (2010).
  - Effective presentation Skills Workshop - certificate of attendance.
  - Communications Skills workshop - certificate of attendance.
  - Conferences Organization Workshop - certificate of attendance.
  - Examinations & Students Evaluation Systems Workshop - certificate of attendance.
  - Integrated Training Courses for University Graduates of Computer Skill (Computer Introduction / Windows XP, Win Word / Excel, Power Point / SPSSWIN).
  - Scientific Research Workshop - certificate of attendance.
  - Certificate of Administered first aid and rescuing From the Egyptian Red Crescent Society (2010).
  - Certificate of Agricultural Cycle (No. 38) Faculty of agriculture – zagazig University (Mar 2010)
  - Faculty Staff Training Programs "Faculty and Leadership Development Project", organisation providing education and training is Zagazig University during the year 2007-2011. it includes:
    - Curtsies and Ethics of Teaching Profession.
    - Effective Teaching Skills (The ways and methods and even movements that help to improve the students reception of the taught information's and the different methods of mind talking with the students to make them accept, understand and love the given information's).
    - Preparing of lecturer.
    - Use of technology in teaching.
    - Examinations & Students Evaluation Systems.
    - Scientific publish.
    - Credit hours system.
    - Scientific conferences Organization.
    - Research projects of local and global competitiveness.
    - SPSS- statistical analysis.
  - Certificate from Quality Management Centre of Zagazig University in "Program Report & Courses" (2011).
  - Three certificates from Leaders Preparing Institutes- High Education Ministry, Helwan, Egypt "Leadership" (2009-2010).
  - Certificate in leadership and management of the agricultural cycle events (38) in Egypt (2010).
  - Certificate in design new irrigation systems, Agricultural Engineering Dep. Fac. Of Agri., Zag. Univ. & TORO – American Company (2011).
  - Certificate in Agricultural machines, Agricultural Engineering Dep. Fac. Of Agri., Zag. Univ. & Agricultural Research Centre- Ministry of Agriculture and Land Reclamation (2011).
- Participations
- Teaching assistant of Agricultural Engineering at Fac. Agr. – Zag. Univ. since (2007 up till now),
  - Trainer of Zagazig Univ. for ICDL and commuter skills.(2009 up till now

- Leaders Preparation Institute - certificate of notable leadership activity (2009-2010).
  - QASP (Quality Assurance Students' Project) on Egypt's Universities level (Proposal co-writing and applying project) (2011)
- Scientific Journals membership
- Member in Egyptian Journal for Agricultural Engineering (Misr Journal of Agricultural Engineering, MJAE)).
- Societies membership
- Member in Resala Association for charity & associating poor people.
  - Member of the scout committee of the faculty that makes social relations with other faculties in the university also other agric. faculties in other universities.
- conferences
- International conference on Annual Academic Conference of young researchers, Faculty of Agriculture, Zagazig University, Egypt. (May 2010)
  - International conference on climate changes & their impacts on costal zones & River Deltas: Vulnerability, Mitigation & Adaptation (23-25 January 2009). Lagoon Resort, Alex., Egypt).
  - Annual scientific conference of Agricultural Engineering, Faculty of Agriculture, Zagazig University, Egypt.
  - 17th international conference of Misr Society of Agricultural Engineering, Tanta University, Egypt (2010).
  - 18th international conference of Misr Society of Agricultural Engineering, on title " Agricultural Engineering Programs as Related to Employment Requirements", Al-Azhar University, Egypt (2010).
  - 19th international conference of Misr Society of Agricultural Engineering, El-Mansoura University, Egypt (2012).
  - Annual Environment conference of Zagazig University, Egypt (2010).
- Leadership roles
- Vice manager of a project named: "Treatments after harvesting operations"- role: Vice manager (2007)
  - Co-supervisor of "Engineer Family" at Zag.Agri.
  - Co-organizer in Graduates Day Community service event on Faculty level (more than once in period between 2010).
  - Member of Quality Management in my college, 2009 up till now.
  - Working member of the implementation team of the Quality Assurance System of the faculty.
  - Supervision on Fieldtrips of summer training programs of under-graduate students to different scientific institutes, companies and farms.
- Personal Qualifications & skills
- Writing, editing, discussing & designing.
  - Leadership, communication, creative thinking skills.
  - Experience in workshops facilitating and moderating.
  - Excellent Computer Skills:
  - Hard worker.
  - Good project planner.
  - Work in a team.
  - Work under stress.
  - Microsoft applications (Windows, Word, Excel, PowerPoint and Internet).
  - Imaging Programs (Photoshop and Photofilter).
  - Good in understanding and solving hardware and software problems of a computer.
  - Good in dealing with statistical programs (SPSS & MS-Excel).
  - Public relational and communications skills.
  - Microsoft Office 2003-2010 (Esp. P.point-Word-Excel) (semi-pro).
  - Adobe Photoshop & Illustrator (amateur ~ semi-pro).
  - Logo designing.
  - Internet.
  - Flexible, ambitious, patient, adaptable and hard worker.
  - Ability to work individually and as an effective member.

	<ul style="list-style-type: none"> <li>▪ Organization and time management skills.</li> <li>▪ Self-Development skills.</li> </ul>
Fields of my interest	Solar energy- Applied energy- Water management- Water desalination- power generation from sun and wind- irrigation systems design and development.
Discussions& Seminars and Theses	<ul style="list-style-type: none"> <li>▪ I made seminars about my master proposal in "investigation study on solar ponds" on title "studying the availability of solar pond's construction in Egypt" &amp; "solar pond as a novel device to trap solar energy" &amp; "trap energy" and "collecting and storing solar energy".</li> <li>▪ I attended many seminars and theses (Master and Ph.D.) of fields in my interest from the period of 2006 (During last 2 years of my study in the Faculty of Agriculture) up till now.</li> <li>▪ Master thesis Agricultural Science (Agricultural Engineering) "INVESTIGATION STUDY ON SOLAR PONDS", Faculty of agriculture , Zagazig University, 2013.</li> <li>▪ Ph.D. seminar (Agricultural Engineering) "ENHANCING THE EXTRACTED HEAT FROM THE SOLAR POND TO BE USED IN THERMAL APPLICATIONS WITHIN GREENHOUSE", Faculty of agriculture , Zagazig University, 2013.</li> </ul>
Publishing	<ul style="list-style-type: none"> <li>▪ Abd Allah <i>et al.</i> 2012. "Performance evaluation of a salinity-gradient solar pond model under Egyptian solar radiation conditions", Zagazig J. Agric. Res., Vol. 39 No. (6) 2012.</li> <li>▪ Wessam E. Abd Allah, 2013. "Collecting and storing solar energy: solar pond technology", Lab LAMBERT Academic Publishing (ISBN: 978-3-659-31650-0).</li> <li>▪ Abd Allah <i>et al.</i> 2012. "Performance evaluation of a salinity-gradient solar pond model under Egyptian solar climate conditions", Misr J. Ag. Eng. (in press).</li> </ul>
References	<p><b>Prof., Dr. Hassan Siliha</b>  <b>Professor of Food Chemistry</b>          Previous Dean of Faculty of Agriculture, Zagazig University          44511 Zagazig, Egypt          Tel: +2-055-2283560          Fax: +2-055-228-7567          Cell: +2-0100-5250048          Email: <a href="mailto:Drsiliha@zu.edu.eg">Drsiliha@zu.edu.eg</a>          Webpages: <a href="http://www.agri.zu.edu.eg/amed.html">http://www.agri.zu.edu.eg/amed.html</a></p> <p><b>Prof., Dr. Mohamed Mohamed Morad Hassan</b>  <b>Professor and Head of Agricultural Engineering Department</b>          College of Agriculture, Zagazig University          44511 Zagazig, Egypt.          Email : <a href="mailto:drmorad555@yahoo.com">drmorad555@yahoo.com</a>          Tel: +201224364950          Fax: +2-055-228-7567</p> <p><b>Prof., Dr. Mohamed Kadry Abd El-Wahab</b>  <b>Professor of Agricultural Engineering</b>          College of Agriculture, Zagazig University          44511 Zagazig, Egypt.          Email : <a href="mailto:Kadryprof@yahoo.com">Kadryprof@yahoo.com</a>          Tel: +201005663424 or +20552319359</p>

Fax: +2-055-228-7567

**Dr. Mohamed Ali Tawfik Yossef**

**Associate Professor of Agricultural Engineering**

College of Agriculture, Zagazig University

44511 Zagazig, Egypt.

Email : [mohamed.ezeldien@yahoo.com](mailto:mohamed.ezeldien@yahoo.com)

Tel: +20111225941

Fax: +2-055-228-7567