
TAREK ISMAIL SABRY

PERSONAL DATA:

Specialization	ENVIRONMENTAL AND SANITARY ENGINEERING
Position	Professor of sanitary and environmental engineering at Faculty of Engineering- Ain Shams University
Birth Date	8 th September 1968
Mobile	+201227340507
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EDUCATION* :

2003	Fulbright Scholar at Civil, Construction, and Environmental Engineering Department, Iowa State University, USA.
1999	Ph.D. in Environmental Engineering. Ain Shams University, Egypt in collaboration with Van Hall Int., IJsselmer, Netherlands (channel system), Thesis title: <i>Anaerobic Treatment of Wastewater</i> .
1993	M.Sc. in Sanitary Engineering, Ain Shams University, Cairo, Egypt
1990	B.SC. , in the Civil Eng., Ain Shams University, Cairo, Egypt: Distinction with honor degree- Top 1%

KEY QUALIFICATIONS:

- Strong background in sanitary and environmental engineering aspects especially in the field of water and wastewater projects.
- Certificated as consultant engineer in the hydraulic design of water and wastewater networks and treatment from the Engineers Syndicate in Egypt since 2005
- Certified as environmental consultant from EEAA since 2018.
- Specialized in Decentralised low-cost wastewater treatment technologies.
- Good experience in preparing studies in the environmental impact assessment for many projects.
- Technical advisor for the Minister of scientific research (2015); Minister of water and wastewater utilities (2013); Minister of

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Housing and Utilities & Urban Communities (2001); and Minister of State for Environmental Affairs (1999)

- Participated into preparing the feasibility studies and master plans (regional planning) for water and wastewater systems into different regions in Egypt.
- Good experience in working with the NGOs in many projects in the rural Egypt.
- Work Experience as a consultant with international donors:
 1. Consultant for Mott Macdonald to prepare “Sludge management plan for 3 governorates: Sharkia, Dakahlia, and Behera” for the World Bank, Feb. 2019.
 2. Consultant for State Secretariat for Economic Affairs SECO in Switzerland to prepare proof of concept and concept note for Introducing Sludge Management at the Beni Suef WWTP especially in the sludge reuse in biogas option, June-Sept 2018.
 3. IEG Case Study Mission with World Bank: Water & Sanitation sector between Oct 26-Nov3, 2016, Egypt
 4. World Bank Water Global Practice Baseline Assessment, Aguaconsult, Cooks Shipyard, Wivenhoe, UK, 2018.
 5. Consultant for African Development Bank to prepare “Environmental and Social Safeguards Assessment” for “The Integrated Sanitation Technologies in Rural Areas in Upper Egypt (LUXOR)” Nov. 2018- May 2019
 6. Environmental Expert in the project of Sustainable Rural Sanitation Services Program (SRSSP), World Bank, Egypt, 2017-2021.
 7. Working with other donors such as GIZ, ESDF, EU, etc.

TEACHING EXPERIENCE:

Lectures/ courses have been given to under/ post graduate students as well as to engineers and technicians in the following Universities/ companies:

1. Public Works Department, Faculty of Engineering, Ain Shams University, Cairo, Egypt between 1990/1996, 1999/2002, 2003/2006, and 2009/present.
2. Khatib & Alami company, Lebanon, Hydraulic design of wastewater treatment plants, April 2014.
3. Tadreeb Training Centre in Dubai city, Vacuum sewer system, November 2013.
4. Municipality of Erbil governorate, Kurdistan, Iraq, Solid Waste Management Master Plan, February 2012.
5. Civil Engineering Department, Qassim University, Kingdom of Saudi Arab from 2006 to 2009.
6. Department of Civil, Construction, and Environmental Engineering, Iowa State University. Course title: CE 521- Environmental Biotechnology between Feb/ Oct. 2003.
7. Washington University in Saint Louse April 2003
8. National Organization for Potable Water and Sewage Drainage between 2000 and 2005 (Egypt),
9. Arab Contractors contracting company between 2004 and 2005 (Egypt),
10. Mokhtar Ibrahim contracting company between 2003 and 2004 (Egypt),
11. Ministry of Irrigation on year 2002 (Egypt),

Some of teaching topics that have been given:

1. Hydraulic design of water and wastewater treatment plants.
2. Utilities Network Planning & its Economy (CEP 690): Vacuum sewer, Pressure sewer, small bore sewer.
3. Solid waste management.
4. Operation and maintenance of water and wastewater networks.
5. Types and characteristics of water and wastewater pipelines.
6. Design and implementation of water and wastewater pipelines.
7. Design and implementation of the water storage reservoirs.
8. Design and operation of water treatment plant.
9. Design and operation of different wastewater treatment technologies.

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10. Execution works in the oxidation ponds treatment plants.

11. Environmental Impact Assessment for a project.

SUMMARY OF THE INDUSTRIAL/CONSULTING EXPERIENCE

(All original experience certificates are available upon request)

2004- Present	Freelancer consultant in many projects
2013- 2015	Consultant at Khatib & Alami
2015	Technical advisor for the minister of scientific research
2013-2014	Technical advisor for the minister of water and wastewater utilities
9/2001-2/2003 and 11/2003 to 5/2005	Worked as project manager in many projects in Egypt.
2/2003-11/2003	<i>Fulbright Scholar</i> at Civil, Construction, and Environmental Engineering Department, Iowa State University, USA.
1/2002 – 2/2003	Technical advisor for the minister of Housing and Utilities & Urban Communities
7/2000 - 8/2001	Technical advisor for the minister of State for Environmental Affairs
4/2000 to 7/2000	Sanitary and Environmental engineering expert, <i>Hagler Bailly Services Inc., US Consulting Firm (short period task)</i>
10/1999 to 3/2000	Sanitary and Environmental engineering expert, <i>Environmental Service Inc., Harza & CDM, US Consulting Firms (short period task)</i>
5-6/ 1999	Sanitary and Environmental engineering expert, <i>GKW . Germany Consulting Firm (short period task)</i>
1990 to 1996	Sanitary engineer in many local consulting firms

SKILLS

Languages	English and Arabic: <i>Fluent writing and talking</i> Dutch and French: <i>Little knowledge</i>
Computer	Microsoft office (Word, XL, Power Point), AutoCAD, Water and Sewer CAD

AWARD

- Faculty of Engineering at Ain Shams University has been awarded accreditation certificate in 2014 from National Authority for Quality Assurance and Accreditation of Education (NAQAAE) during the period of my heading the faculty accreditation unit.
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- Egyptian Award of year 2008 for my distinguished environmental researches from Academy of Scientific Research and Technology.
 - My invention "USBR" in low-cost wastewater treatment has been chosen to be one of the best 10 Egyptian inventions in 2008 by the STDF and University of Texas at Austin through Egypt Technology Commercialization Program contest (IC² Institute)
 - Royal Academy of Engineering in England with STDF have selected me to attend 'Leaders in Innovation Fellowships programme 2018/2019 LIF call 5' in London between March 2 and March 16.
 - Awarding Third Place in the final Pitch Session in the Royal Academy of Engineering's- Leaders in Innovation Fellowships (2018/19). The selected innovation was my innovation in Zero_Energy_Compact_Unit (ZECU) for wastewater treatment in rural areas.
 - Author of a chapter in an international book in the field of low-cost wastewater treatment technologies. The publisher: NOVA Publishers. The Book title:
Advances in Environmental Research, Volume 10. ISBN: 978-1-61761-895-6
 - STDF – National Challenges Program (STDF-NCP) grant from Science and Technology Development Fund to conduct research project entitled " Innovative system using fabric filters for waste water treatment in small communities" The grant totals \$130,000. (2015)
 - Applied Science grant from Science and Technology Development Fund to conduct research project entitled "Compact low-cost wastewater treatment plant for energy recovery and effluent reuse in irrigation". The grant totals \$120,000. (2010)
 - U.S.-Egypt Joint Science and Technology has awarded me a grant to conduct the joint research project with USA entitled "Demonstration of Modified Septic Tank for Rural Wastewater Treatment in Egypt". The grant totals \$59,892. (2004)
 - Binational Fulbright commission has awarded me a research scholarship at Iowa State University, Iowa state, USA. The grant period was 9 months. (2003)
 - Ministry of Education in Egypt awarded grant for PhD at Van Hall Institute, Netherlands. (1996-1999)
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INTERNATIONAL WORKSHOP TRAINING

- *Attending training course in the **Leaders in Innovation Fellowships programme in United Kingdom on technology commercialisation** from the 2nd – 16th March 2019, Organized by Royal Academy of Engineering in UK.*
- ***International Training Program on Decentralized Wastewater Management:** training and demonstration centre for decentralized sewage treatment- BDZ, Leipzig, Germany, 4-6 December, 2012.*
- ***Environment Impact Assessment (EIA) course:** American University in Cairo, January-June 1999*

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- ***Environment Management System (EMS)course: American University in Cairo, January- June 1999***
 - ***Laboratory Safety Training, Iowa State University, Ames, Iowa, USA, May, 2003***
 - ***Certificate of Academic Research Skills, Qassim University, Kingdom of Saudi Arabia, December, 2006.***
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MEMBERSHIP

- Member in the Egyptian code of practice for wastewater collection and treatment in the Egyptian rural villages since 2015.
 - Member in the pipeline material selection committee, Ministerial decree number 541 year 2018.
 - Member of evaluation committee for new treatment technology for Wastewater and drain water, Ministerial decree number 598 year 2018.
 - Member in the water and wastewater research committee in the Academy of Scientific Research and Technology.
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DETAILED CONSULTATION EXPERIENCE RECORD:**1. International Consultation Services:**

Country	PROJECT NAME	Task	Starting DATE	PROJECT COST (\$)
KSA	Water supply networks in Al-Baha region	Design and prepare tender documents	2015-2016	
Jordan	Wastewater collection for the region of South Omman, Al Dholil, Madaba	Design and prepare tender documents	2015-2016	
KSA	Al Madina El Monoura Wastewater Treatment Plant (Carrousel)- 200,000 m ³ /d	Design and prepare tender documents	2014	
KSA	Al Madina El Monoura Sludge treatment and dryness options including: Incineration, solar dry, etc.	Design and prepare tender documents	2014	
KSA	Desalination water plants in Al Hael region	Design and prepare tender documents	2014	
Iraq	Baqubah wastewater and sludge treatment plant (90,000 m ³ /day)	Design and prepare tender documents	11- 2012	
Uzbekistan	Assessment and Rehabilitation for wastewater treatment plants in Samarkand and Bukhara	Design and prepare tender documents	10-2010	
Ethiopia and Kenya	Water and wastewater system Expert from the European community in the project of : Eval CfPS Water, sanitation and hygiene promotion” , Project "Reference 316	Proposal evaluator for the NGO's working in both countries	5-2010 to 8-2010	N.A
Kurdistan, Iraq	Integrated Solid Waste Management Master Plan in Erbil Governorate	Prepare Master Plan	5- 2011	
Kingdom of Saudi Arabia	<input checked="" type="checkbox"/> Assir wastewater treatment plants (3 plants)- 10,000 m ³ /d <input checked="" type="checkbox"/> Buraidah Wastewater	Design	2007-2014	Total cost of the projects are over \$ 100

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	<p>Treatment Plant, third phase – 100,000 m³/d, Al Qassim.</p> <p>☒ Buraidah Wastewater Treatment Plant (Carrousel 2000) , Second phase - 75000 m³/d, Al Qassim.</p> <p>☒ Johyina company Wastewater Treatment Plant USBR (low cost technology)- 80 m³/d, Alras.</p>			millions
Kingdom of Saudi Arabia	<p>☒ Storm water drainage strategy, Buraidah city, Qassim.</p> <p>☒ Environmental Impact Assessment (EIA) studies of many of Sewage pumping stations and wastewater treatment plant in Al Qassim region.</p> <p>☒ Environmental assessment of wastewater pollution in Al-Qassim industrial city</p> <p>☒ Study for soil and groundwater pollution by petroleum products from fuel tanks in Al Qassim region</p>	Study and prepare for design reports	2- 2008	
Arab United of Emirates	Wastewater collection and treatment systems for the city of Fujairah and its Environs	Design and prepare workshop drawings	5-2005	\$ 137 millions
Sudan	Solid waste management in Soba resort- Khartoum	Study and Design	May 2011	
Kuwait	Fresh and Brackish water supply systems to Jahra Areas and reconstruction of pumping stations P16 and P18, Ministry of Energy	Study and Design	1-2006	
Qatar	Infrastructure works (water, wastewater, firefighting, irrigation, storm drainage) in Mesaieed Industrial City- Block 5- New Training Center- Qatar Petroleum	Design and prepare tender documents	8-2005	
Qatar	Infrastructure works (water,	Review,	7-2005	

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	wastewater, firefighting, irrigation, storm drainage) in Al Mana Palm City Gardens- 128 villas	Redesign, and prepare tender documents		
Syria	Treatment plant of tannery wastewater industrial area, El Adra, Damascus	Design and prepare tender documents	10-2005	Expected \$ 20 million

2. Design, prepare tender document / workshop drawings, and supervise of the following national projects:

• Water and Wastewater Treatment Plants:

	PROJECT NAME	DATE	SIZE	PROJECT COST (LE)
1	Decentralized Sanitation Expert in the project of Sustainable Rural Sanitation Services Program (SRSSP), World Bank, Egypt, 2017	2017-2020		
2	Design and prepare tender document for 8 Wastewater treatment plants in the Upper Egypt (Assuit, Sohag, Qena, Luxor). The study is funded by African Development Bank.	2017	Over one Million Capita	
3	Design and prepare tender document for collection network and wastewater treatment plant in new Heliopolis city	2016	250,000 Capita	300 Millions
4	Design and prepare shop drawings for New Bani Suef wastewater treatment plant	2015-2016	500 l/sec	
5	Preparation of executive design, tender documents and construction supervision for the Egyptian pilot activity of the decentralized wastewater project at al-gozayera village, Ismailia governorate. GIZ.	2015	140 m ³ /day	4 Millions
6	Design and upgrade Sanhour sewage treatment plant in Fayoum. The used system is UASB Reactor (anaerobic treatment).	2010	14,200 m ³ /day	25 Millions
7	Assess and rehabilitate more than 30 water and wastewater treatment plants in Minia, Beni suef, and Fayoum governorates. <i>HARZA "Environmental Services, Inc." In Association With Camp Dresser & McKee International, Inc.</i>	1999 / 2000	Variable	---
8	Water treatment plant in Meet Khamees,	2009	102000	Under

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	Mansoura		m ³ /day	design
9	Water treatment plant in El Sedk, Port Said governorate	2004	300 m ³ /hr	10 Millions
10	Industrial wastewater treatment plant in Port Said	2004	20,000 m ³ /day	
11	Rehabilitation work on the industrial wastewater treatment plant of Misr El Amria for spinning and waving company, Alexandria	2004	980 m ³ /hr	Estimate price: 7 Millions
12	Sewage treatment plant (oxidation ditches) in Abo Sample, Aswan	2003	28,000 m ³ /day	
13	Sewage treatment plant (oxidation ditches) in Tanan, Qalubia	2006	12,000 m ³ /day	
14	Sewage treatment plant (oxidation ditches) in Tenia & Ghamreen, Monifia	2006	10,000 m ³ /day	
15	Sewage treatment plant (extended aeration) in Abees, Alexandria	2004	4,500 m ³ /day	
16	Sewage treatment plant (extended aeration) in Gezeret Kabab, Dekernas, Dakahlya	2008	3,000 m ³ /day	6 Milions
17	Activated sludge sewage treatment plant in Qena	2005	45,000 m ³ /day	
18	Sewage treatment plant (extended aeration) in Amo Khalf, Port Said	2005	5,000 m ³ /day	
19	Sewage treatment plant (extended aeration) in El Fayrooz Resort, Hurgada	2006	500 m ³ /day	2 Millions
20	Sewage treatment plant (Upflow Septic Tank/ Anaerobic Baffled Reactor USBR) in Abo Halifa (Ismailia), Azbet El Arab (Ismailia), Abdel Kerim Essa (Fayoum), Awlad Atya (Sherqia) villages (under design).	2005	1,100 m ³ /day	2 Millions
21	Industrial wastewater treatment plant in Free Zone (SBR technology), Alexandria	2004	7,000 m ³ /day	
22	Dream Land sewage treatment plant (SBR technology), Cairo	2000		
23	Activated sludge sewage treatment plant in Shershaba city, El Sunta, El Garbia gov	1995	10500 m ³ /day	
24	Stabilization ponds sewage treatment plant in El Obour city	1995	5000 m ³ /day	
25	Rehabilitation work on Shobra El Khama water treatment plant	1992		

3. Water and Wastewater Piping Network and Pumping Stations

	PROJECT NAME	DATE	PROJECT COST (LE)
1	Sewerage network system in Shobra El Khema district- Cairo	2015-	

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		2016	
2	Treated wastewater transmission line and pump station to Tree forest in Khaliq El Suez region	2015-2016	
3	Water treatment and networks, sewerage networks, irrigation networks system in a new city in Assuit city	2015	
4	Water supply and Sewerage network system in Byte El Watan city, new Cairo, Egypt (1000 Fadans)	2013-2014	
5	Sewerage network system and pumping stations in: AlAqadma village, Assuit, Benga village, Sohage Bany Ammar, Sohage	2011	90 Millions
6	El Shorouq water supply transfer line (900mm) from 10 of Ramadan city	2012	
7	Water supply network rehabilitation work in North Pyramids region, Giza, Great Cairo	2006	100 Millions
8	Sewerage network system in 4 villages in El Tal El Kabeer District, Ismailia Governorate.	2005	10 Millions
9	Infrastructure works (water, wastewater, firefighting, irrigation, storm drainage) in Borg El Arab International Airport Modernization project. Consortium of ECG (Engineering consultant group) with JAC (Japan Airport Consultant) and NACO (Netherlands Airport Consultant)	2006	
10	Infrastructure works (water, wastewater, firefighting, irrigation, storm drainage, and industrial piping) in El Kureimat II power station 750 MW combined cycle project. ECG	2005	9 Millions
11	Sewerage network system in El Kab and Om Khalf regions, Port Said	2004	
12	Water Supply and Sewerage system in 5 villages in Garagoas, Qoas, Qena	2004	9 Millions
13	Water supply and sanitation work in El Katameya Project, Cairo	2002	
14	Water supply and sanitation work in Villa Apartment region, Dream Land, 6 th of October.	2001	2.5 Millions
15	Water supply, irrigation, subsurface drainage and sanitation works in Al Azhar park, Al Azhar District area, Cairo	2002-2003	0.7 Millions
16	Water supply and sewerage system in Azbet Bekheet, Cairo	2002	
17	Sewerage system in Sharm El Shakh city including: Four main pump stations, force main lines, Main sewerage Collector	1996	
18	Main sewerage system (7 pump stations) in El Obour city. The study included the design of force main “including water hammer protection” from the main pump station of El Obour city to El Gabl El Asfer treatment plant in Cairo	1996	

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19	Water carrier line to El Sherouk city, Cairo	1995	
20	Sewerage system including pumping stations in Kafr El Bab city, El Sunta, El Garbia governorate	1995	
21	Water carrier lines from Ismailia canal to the water treatment plant of El Obour city. This project was consisted of: Intake in the canal, Pump stations, Pipe lines, and ground tanks	1994	
22	Sewerage system including pumping stations in Tala (Monofia governorate)	1993	
23	Sewerage system including pumping stations in Mataria (Dakahilia governorate)	1993	
24	Sewerage system including pumping stations in Abo Kebeer and Menya El Kamh-Billbase (Sharkia governorate)	1994	
25	Supply irrigation water to the dream land- 6 Th of October city.	1994	
26	Redesign the water network pipes in El Mansoura city by adding new pipe lines, and new elevated tanks.	1993	
27	Sewerage system including pumping stations in El Marg District area, Cairo	1992	
28	Detailed drawings of sewerage system in Embaba, Cairo (General Consultant: AMBRIC, US consulting firm)	1990-1992	
29	Sewerage system in Soq El Obour- 6th October city	1992	
30	Water supply and sewerage system in El Obour city for the Municipals no. 1, 2, 33, 34 of the second district area	1992	

4. Participate in Master Plan preparation (Regional Planning) for water and wastewater systems into different governorates:

PROJECT NAME	DATE	CONSULTANT COMPANY	GOVERNORATE	TASK
Best Practices Manual for Water and Sanitation Works in the Coast and Desert Red Sea Area.	2000	Red Sea Sustainable Tourism Initiative (RSSTI), Tourism Development Authority (TDA).	Red sea	Preparing a guideline for the Red Sea investors includes the new technologies which can be used in such an area (rural area) to obtain water and to collect, treat, and dispose of wastewater.
Middle Egypt Master Planning	1999/2000	HARZA "Environmental Services, Inc." In	Minia, Beni suef, and Fayoum	Different rural wastewater treatments planning in the three governorates

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Project for water and wastewater		<i>Association With Camp Dresser & McKee International, Inc, funded by US. AID</i>		
Strategic plan for water supply and sanitation works	1999	<i>GKW Germany Consulting Firm</i>	Qena Governorate	Design of a master plan to supply the project area with potable water (project components: water treatment plants, ground and elevated water storage, main piping system)

5. Consultation services with the Egyptian ministries:

<i>AUTHORITY NAME</i>	<i>TASK</i>	<i>PERIOD</i>
Ministry of water and wastewater utilities	Evaluate and follow up water and wastewater projects in many places in Egypt	2-2013 to 7-2013
Ministry of Housing, Utilities & Urban Communities (reported directly to the minister)		1/2002 to 2/2003
Egyptian Water and Wastewater Regulatory Agency (EWRA)	Institutional Capacity Building for the Egyptian Water and Wastewater Regulatory Agency (EWRA) Phase II	4/2013 to 8/2013
Environmental Inspection Unit, Ministry of State for Environmental Affairs (EEAA),	Environmental monitoring and auditing for different companies in the new industrial cities (10 th of Ramdan, 6 th of October, etc..) and give consultation to make them comply with law 4/1994 and ministerial decree no. 44/2000.	7/2000 to 8/2001

SELECTED PUBLICATIONS:

1. Khaled A. I.Ibrahim, Sayed I. A. Ahmed, Ahmed S.El-Gendy, **Tarek I. M. Sabry** (2019); Effect of Media Properties on Performance of Sand Filtration for Drain Water Treatment. International Journal of Scientific & Engineering Research (IJSER), Sept. 2019.
2. Sayed I. A. Ahmed , **Tarek I. M. Sabry** , Ahmed S. El-Gendy and Mazen M. N. Tawfik (2018); Impact of Sand Filtration Characteristics on Wastewater Treatment. International Journal of Multidisciplinary Educational Research (IJMER) Journal, Volume: 7, Issue: 05, May 2018. JISRAF Impact Factor 5.818.
3. Sayed I. A. Ahmed, **Tarek I. M. Sabry**, Hamdy I. A. Ahmed, Mostafa W. T. Khalil (2017); Non-woven fabric filters integrated with decentralized system for domestic wastewater treatment. The International Journal of Engineering and Science (IJES), Volume 6, Issue 3, PP 66-74, 2017.
4. G.B. Bayoumi, A.S. El-Gendy, **Tarek I. M. Sabry**, M. Saad (2016). Fabric filters integrated with ZECU system for sewage treatment in small communities. 13th IWA Specialized Conference on Small Water and Wastewater Systems, Athens, Greece, 14-16 September 2016
5. Sameh Reda, Rifaat Abdel-Wahaab, **Tarek Sabry**, Sayed Ismail (2015). Optimization of using UASB reactor followed by DHS as integrated system for sewage treatment. Faculty of engineering, El Azhar University. Vol., No., 2015
6. El-Gendy, A.S., **Sabry, T.I.**, and El-Gohary, F.A. (2012) "The Use of AN Aerobic Biological Filter for Improving the Effluent Quality of A Two-Stage Anaerobic System" International Water Technology Journal (IWTJ), Volume 2, No. 4.
7. **Sabry, T.I.M.**, A. S. El-Gendy and F. A. El-Gohary (2011). *An Integrated Anaerobic – Aerobic System for Wastewater Treatment In Rural Areas*. IWA Conference 2011 Small Sustainable Solutions for Water, Venice, April 18-22.
8. **Sabry, T.I.M.** (2011), *An Integrated Anaerobic – Aerobic System for Sewage Treatment*. Scientific newsletter, Faculty of engineering, El Azhar University. Vol. 33, No. 1, Jan. 2011.
9. Alaa M., **Sabry T.I.**, Waheeb E.S. and El-Gendy A.S. (2011). "Evaluation of the use of sand filter for improving effluent quality of anaerobic / aerobic wastewater treatment system ,"Journal of Al-Azhar University Engineering Sector / Faculty of Engineering, Al-Azhar University ,Cairo ,Egypt.
10. **Sabry, T.I.M.**, Hossam Ali, Ali Abd El Fattah and Sherif Afifi (2011). *Optimization of Land Application for Sewage Treatment in Rural Desert Areas*. World Applied Science Journal [WASJ], IDOSI, ISSN: 1818-4952. WWW.IDOSI.org
11. **Sabry, T.I.M.**, Walid Hamdy and Saleem S. AlSaleem (2010). *Application of Different Methods of Natural Aeration of Wastewater and their Influence on the*

Treatment Efficiency of the Biological Filtration. Journal of American Science 2010;6(12):944-952]. (ISSN: 1545-1003). <http://www.americanscience.org>.

12. **Sabry, T.I.M. (2010):** *Evaluation of decentralized treatment of sewage employing Upflow Septic Tank/Baffled Reactor (USBR) in developing countries.*

Journal of Hazardous Materials, ELSEVIER, 174 (2010) 500–505

13. Sherif M. ElKholy, **Sabry, T.I.M.**, and Ibrahim S. AlSalamah (2009). *Environmental Contamination Risks Due to Leaking Underground Fuel Tanks (LUFT) of Gas Stations in AlQassim Region, Saudi Arabia.*

Environmental and Computer Science, 2009, ICECS '09. Second International Conference. Date:28-30 Dec. 2009.

14. **Sabry, T.I.M.**, Sherif M. ElKholy, and Ibrahim S. AlSalamah (2009). *Environmental Assessment of Wastewater Pollution in Al-qassim Industrial City.* Chemical, Biological and Environmental Engineering Conference (Pp 267-274), International Conference on CBEE 2009, Singapore, 9 - 11 October 2009.

15. Ghobrial, F. H., **Sabry, T.I.M.**, Wahb, I, S, and Osman M. (2008). *Establishing Design Criteria for the Up Flow Septic Tank / Baffled Reactor (USBR) Use in Rural Egypt.* Scientific newsletter, Faculty of engineering, El Azhar University. Vol. 30, No. 3, October 2008, pp. 1123- 1133.

16. **Sabry, T.I.M. (2007):** *Application of the UASB inoculated with flocculent and granular sludge in treating sewage at different hydraulic shock loads.* Bioresource Technology, ELSEVIER, 99 (2008) 4073–4077.

17. **Sabry, T.I.M. (2007),**

استخدام تكنولوجيا جديدة منخفضة التكاليف في معالجة مياه الصرف الصحي "دراسة فنية واقتصادية"

- المؤتمر الهندسي السعودي السابع بجامعة الملك سعود في الفترة بين 2-5 ديسمبر 2007.

18. **Sabry, T.I.M.**, and Sung, S. (2007): *Demonstration of The Modified Septic Tank (USBR) for Rural Wastewater Treatment in Egypt*

European Water and Wastewater Management Conference, Aqua Enviro, Newcastle, England, 24th – 26th September 2007.

19. **Sabry, T.I.M.**, Abdel Azeem, M., and El Nady, M. E. (2007): *Development of Water Treatment Criteria by Flo- Filter System.*

Scientific newsletter, Faculty of engineering, Ain Shams University, Sept., 2006.

20. **Sabry, T.I.M.**, Abdel Azeem, M., and El Nady, M. E. (2007): *Effect of Chemicals Addition on Flotation Filtration Performance.*

Scientific newsletter, Faculty of engineering, Ain Shams University, Sept., 2006.

21. **Sabry, T.I.M** and Ghobrial, F.H. (Sept. 2005): *Chemical Enhanced Primary Treatment in the Developing Countries.*

IWA Specialized Conference, Nutrient Management in Wastewater Treatment Processes and Recycle Streams, Krakow, Poland, 18-21 September 2005.

22. F. Ghobrial and **Sabry, T.I.M.** (2004): *Planning Scenarios of Treating Wastewater in Rural Egypt.*

In Proceedings of RETBE 4 International Conference, Alexandria, Egypt, between December 11-13, 2004.

23. **Sabry, T.I.M.**, and Sung, S. (2004): *Start-Up Behavior of UASB Reactor Seeded with Granular and Flocculent Sludge.*

Scientific newsletter, Faculty of engineering, Ain Shams University, vol.39, No. 1, March 31, 2004.

24. **Sabry, T.I.M.**, and Sung, S. (2004): *The Feasibility of Using an Anaerobic Modified Septic Tank in the Developing Countries.*

World Water Congress and Exhibition, IWA, Marrakech 19th – 24th September 2004.

25. Hanafy, M., Nabih, H.I., **Sabry, T.I.M.** (2004): Treatment of oily wastewater using dissolved air flotation technique.

The Transactions of the Egyptian Society of Chemical Engineers, volume 30, No. 1, January 2004.

26. **Sabry, T.I.M.** (Jan. 2003): *The Best Start-up Regime of the Thermophilic Sludge Treating Fats Containing Wastewater.*

Scientific newsletter, Faculty of engineering, Ain Shams University, vol.37, No. 4, Dec 31, 2002. Paper has been also accepted from the committee of Latin American Workshop and Symposium on Anaerobic Digestion (in Mexico), October 2002 (IWA)

27. **Sabry, T.I.M.**, Abdel-Shafy, M., Hanafy, M. and Abdel-Gawad, S. (Nov. 2002): *Review on the Existing Wastewater Treatment Plants in Egypt.*

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In Proceedings of RETBE 2 International Conference, Alexandria, Egypt, between December 21-23, 2002.

28. Abdel-Shafy, M., **Sabry, T.I.M.**, Hanafy, M. and Abdel-Gawad, S. (**Oct. 2002**): *Industrial Wastewater Treatment for Disposal into Agricultural Drain: A Case Study*,

In Proceedings of First Regional Conference on Perspective of Arab Water Cooperation, National Water Research Center, Egypt.

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