



## **Curriculum Vitae**

**Name: Hisham Khalil Abed Alfattah El-Etriby**

**Title: Professor of Sanitary Engineering & Environmental**

**Department: Civil**

### **Qualifications:**

- Bachelor's Degree in Civil Engineering, Grade: Very Good with Honor's Degree, Faculty of Engineering, Mansoura University, May 1982.
- Master's Degree in Sanitary Engineering, Evaluation of the Direct Filtration under the Egyptian Conditions" , Faculty of Engineering - Mansoura University - February 1989
- Ph.D. in Civil / Environmental Engineering " Tertiary Treatment of Biologically Treated Municipal Wastewater Using Filtration" , Moscow University of Civil Engineering - February 1996

### **Career Hierarchy:**

- Teaching Assistant,	Date: 4 – 12 -1984
- Assistant Lecturer,	Date: 3 – 4 - 1989
- Lecturer,	Date: 27 – 5 - 1996
- Associate Professor,	Date: 29 – 9 - 2003
-Professor	Date: 24 – 4 - 2019



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### **Scientific Activities**

#### **1: Membership of Professional Organizations and Scientific Societies**

- Council of the Department of Public Works Engineering, Faculty of Engineering, Mansoura University.
- Cultural Relations Committee, Faculty of Engineering, Mansoura University.
- Libraries Committee, Faculty of Engineering, Mansoura University.
- Master's Department of Engineering, Technology and Environmental Management, Faculty of Engineering, Mansoura University
- College of Engineering Council, Faculty of Engineering, Mansoura University.

#### **2: Training Courses/workshops:**

1. Quality standards in the teaching process
2. Scientific publishing
3. Exam systems and student evaluation
4. University management, time management and meetings management
5. Research team
6. Design personal sites for faculty members

#### **3: Conferences, Seminars and Workshops:**

1. Second international Water Technology Conference, Alexandria, Egypt 28- 31 March 1997
2. Workshop on "Chemical and Biological Treatment of Sewage, Faculty of Engineering - Mansoura University, December 2-3, 1997
3. Potable Water and Sanitary Drainage Pipeline Conference, Cairo, Egypt, 1 –2 August 1998
4. Third Mansoura International Engineering Conference, Mansoura University, Egypt. April 2000



5. First International conference of Environmental Research Division on Sustainable Development, Environmental challenges Facing Egypt. National Research Center NRC, Cairo, 6 June 2004.
6. Eighth Mansoura International Engineering Conference, Mansoura University, Egypt. November 2015
7. 21<sup>st</sup> International Water Technology Conference, Ismailia, Egypt 28- 29, June 2018

#### **4: Teaching Scopes:**

##### **a - Teaching undergraduate students the following subjects:**

- Sanitary Engineering
- Elective Course Specializing in Sanitary engineering
- Environmental Sciences
- Sanitary Engineering Project

##### **b - Teaching graduate students the following subjects:**

- Chemistry of Sanitary engineering
- Advanced Sanitary engineering and
- Treatment technologies of wastewater
- Solid waste management

#### **5: Scientific supervision:**

About 22 master's students in sanitary and environmental engineering were supervised.

#### **7: Peer reviewing of scientific research/ Projects:**

Scientific reviewer in Mansoura Engineering Journal (MEJ), Faculty of Engineering, Mansoura University.

#### **8: Other Activities:**

- Member of the Egyptian Engineering Syndicate
- Member of Egyptian Society of Engineers (Civil Engineering Section)
- Member of center of water sanitary drainage and industrial projects, Mansoura University.



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### **Skills**

**- Language Skills:**

- English (good)
- Arabic (mother language)

**- Computer Skills: (V. Good)**

**- Presentation skills: (V. Good)**

**- Other skills:**

### **Scientific Publications:**

ORCID ID <https://orcid.org/0000-0003-0113-9621>  
Research gate profile <https://www.researchgate.net/profile/Hisham-Eletriby>  
Academia.Edu profile <https://elasaala.academia.edu/HishamAbdElfatahEletriby>

### **I: published Scientific Papers Extracted From the Masters and Ph.D Theses:**

1. **Hisham Khalil El-Etriby**, (1998) "Using of Plate Settlers for Wastewater Grit Removal" Mansoura Engineering Journal (MEJ), Faculty of Engineering, Mansoura University Vol. 23, No 2, pp. 12-22, March 1998.
2. **Hisham K. El-Etriby**, (1998), " principles of wastewater network pipes design" Potable Water and Sanitary Drainage Pipeline Conference, pp. 25-31, Cairo, Egypt, 1 –2 August 1998.
3. Ahmed Fadel A. Ashry, **Hisham K. El-Etriby**, Moharram F. Abdo, (1999) Intensification of Nitrification Process in Aeration Tanks. Mansoura Engineering Journal (MEJ), Faculty of Engineering, Mansoura University Vol. 24, No 2, March 1999.
4. Ahmed Fadel A. Ashry, **Hisham K. El-Etriby**, Ragab M. B. Elshahwy, Moharram F. Abdo, (2000), Study the effect of using sponge pieces in compact sewage treatment plants. Third Mansoura International Engineering Conference, Faculty of Engineering, Mansoura University, Egypt. April 11 - 13, Vol. 1 pp. 311-324, 2000.

5. Mohamed Basiouny, Hisham K. El-Etriby, (2000), Modeling Residual Free Chlorine in Drinking Water Distribution Systems. Mansoura Engineering Journal (MEJ), Faculty of Engineering, Mansoura University Vol. 25, No 1, pp. 1 –13, march 2000.
6. Mohamed Basiouny, **Hisham K. El-Etriby**, (2001), Analysis of Water Distribution Network Performance by Penalty Curve. Journal of Engineering, Faculty of Engineering, Alexandria University, Vol. 40, No. 2, pp.201-214, March 2001.
7. **Hisham K. El-Etriby**, (2002), Hydraulic Analysis of Submerged Large Bore Sewers System. Civil Engineering Research Magazine (CERM) , Faculty of Engineering, Al- Azahar University, Vol. 20, No. 1 October 2002.
8. Tarek A. Saafan, **Hisham K. El-Etriby**, (2002), Evaluation of Ground water Quality management. Engineering Research Journal, Helwan University, Faculty of Engineering, Vol. 84, pp. 121-139, December 2002.
9. Ahmed Fadel, **Hisham K. El-Etriby**, Ragab M. B. Elshahwy, (2004), Upflow Roughing Filter/ slow sand Filter Performance in proto type Applications The 1<sup>st</sup> International conference of Environmental Research Division on Sustainable Development, Environmental challenges Facing Egypt. National Research Center NRC, Cairo, 6 June 2004.
10. Elwan M.M., **Hisham Kh. El- Etriby**, (2005) Effect of solid waste sludge on the properties of clay bricks. J. International Ceramics, june 2005
11. **Hisham Kh. El- Etriby**, Kamal H. Radwan , Hossam A. Awad , (2014) Manganese Removal From Ground Water Using Expanded Polystyrene Beads as Filtering Media. , Mansoura Engineering Journal, (MEJ), Vol.39, No.4, December, 2014 .
12. **Hisham K. El-Etriby**, Kamal Radwan, Karim Taha,(2015) Treatment of oil and grease in wastewater using Electrocoagulation. Mansoura Engineering Journal, (MEJ), Vol.40, No3, September, 2015.
13. Mousa M.G., **Hisham K. El-Etriby**, Kamal Elnahas, Nyaz Fadhil Ahmed, (2015) Evaluating Membrane Technology for Drinking Water Production in Comparison with Conventional Processes. 8th International Engineering Conference, 17-22 November, Faculty of Engineering, Mansoura University, Mansoura - Sharm Al-Shiekh, Egypt.
14. Mousa M.G., **Hisham K. El-Etriby**, Kamal Elnahas, Noor A. J., (2015) Fouling Control and Waste Management of Membrane Based on Water Purification and Desalination 8th International Engineering Conference, 17-22 November, Faculty of Engineering, Mansoura University, Mansoura - Sharm Al-Shiekh, Egypt.
15. **Hisham K. El-Etriby**, Kamal Radwan, Karim Taha, (2015) Electrocoagulation for Oil and Grease Wastewater Treatment Using Aluminum Electrodes. Mansoura Engineering Journal, (MEJ), Vol. 40, Issue 4: [the 8th International Engineering Conference, December 2015, Part II].
16. **Hisham Kh. El- Etriby** , Kamal H. Radwan , Hossam A. Awad , (2015) Oxidized Iron and Manganese Removal from Ground Water using Expanded Polystyrene Beads as a filtrating media. Engineering Journal, (MEJ), Vol. 40, Issue 4: [the 8th International Engineering Conference, December 2015, Part II].
17. Awed I., Abd El-Hakim M., **El-Etriby H.**, El-Shabrawy M. (2016) Design and environmental effect of residual of water purification plants on asphalt mix design by marshall method. Mansoura Engineering Journal, (MEJ), Vol. 41, No.2, June, 2016.
18. Mahmoud Khedher, Mohamed Mossad, **Hisham Kh. El-Etriby**, (2017) Enhancement of Electrocoagulation Process for Dye Removal Using Powdered Residuals from Water Purification Plants (PRWPP). J. Water, Air, and Soil Pollution Vol. 228, issue. 8, pp 293, 2017.

19. Mahmoud Samy, Mohamed Mossad, **Hisham Kh. El-Etriby**, (2017) Photocatalytic Degradation of Chlorpyrifos by using Synthesized Nano- Titanium. Mansoura Engineering Journal, (MEJ), Vol. 42, No 3, September, 2017.
20. Mahmoud Khedher, Mohamed Mossad, **Hisham Kh. El-Etriby**, (2017) Treatment of Colored Wastewater from Textile Industry Using Electrocoagulation Process. Mansoura Engineering Journal, (MEJ), Vol. 42, No.4, December, 2017.
21. Mohamed Hussein, Mohamed Gar Alalm, **Hisham Eletriby**, (2018), Removal of Natural Organic Matter and Turbidity in Drinking Water by Modified Flaxseed Husk. International Journal of Environmental Sciences & Natural Resources, Int. J Environ Sci. Nat Res 11(2): IJESNR.MS.ID.555809 (2018)
22. Mahmoud Radwan, Mohamed Gar Alalm, **Hisham Eletriby**, (2018), Optimization and modeling of electro-Fenton process for treatment of phenolic wastewater using nickel and sacrificial stainless steel anodes. Journal of Water Process Engineering 22 (2018) 155–162.
23. Hany Elnagar, **Hisham Kh. El-Etriby** , Mohamed Mossad, Ahmed Fadel , (2018) Direct In-Line Filtration of Turbid Water through Floating Media. International Water Technology Journal (IWTJ), Vol. 8, issue 3, 2018.
24. Hamdy Awad, Mohamed Gar Alalm, **Hisham Kh. Eletriby**, (2019), Environmental and cost life cycle assessment of different alternatives for improvement of wastewater treatment plants in developing countries. J. Science of the Total Environment , Volume 660, Pages 57-68, April 2019.
25. Adela A. , Alalm M. G., El-Etriby H.K. , Boffitoc D. C., (2020), Optimization and mechanism insights into the sulfamethazine degradation by bimetallic ZVI/Cu nanoparticles coupled with H<sub>2</sub>O<sub>2</sub>. J. Environmental Chemical Engineering ,8(2020).
26. Fouad M., Alalm M.G., El-Etriby H.K., Boffito D.C., (2021), Visible-light-driven photocatalytic disinfection of raw surface waters (300–5000 CFU/mL) using reusable coated Ru/WO<sub>3</sub>/ZrO<sub>2</sub>. Journal of Hazardous Materials, 2021
27. Mona Magdy, Mohamed Gar Alalm, Hisham Kh El-Etriby,(2021), Comparative life cycle assessment of five chemical methods for removal of phenol and its transformation products. Journal of Cleaner Production, Volume 291, 1 April 2021.

## **II: Post-Doctoral Published Scientific Papers:**

1. Ahmed Fadel, **Hisham K. El-Etriby**, (1989), Evaluation of the Direct Filtration under the Egyptian Conditions. Mansoura Engineering Journal (MEJ), Faculty of Engineering, Mansoura University Vol. 14, No 1, Jun 1989.
2. **Hisham K. El-Etriby**, Myrzakhmetov Menlibai, (1997), Sewage Tertiary Treatment Using Floating Media Filter. Second international Water Technology Conference, pp. 11-18, Alexandria, Egypt 28- 31 March 1997.

## **Personal web Sites**

**Google Scholar** [https://scholar.google.com/citations?user=L\\_ImFZcAAAAJ&hl=ar](https://scholar.google.com/citations?user=L_ImFZcAAAAJ&hl=ar)

**Facebook** <https://www.facebook.com/eletribykhk/>