

Prof. Dr. / Hamdy Abd El-Aziz Seif



HAMDY SEIF (1955)

Prof. of Sanitary Engineering,
Sanitary Engineering Department
Faculty of Engineering,
Alexandria University.

Present function

- Design of wastewater Treatment plants, Water network and sewerage system for villages and resorts.
- Design of Anaerobic reactors treats liquid and solid wastes.
- Training courses for sustainability of sanitary systems.

Specialization

- B.Sc. Civil Engineering Faculty of Engineering, Alexandria University, 1979.
- M. Sc. Sanitary Engineering (Waste water treatment), Faculty of Engineering, Alexandria University, 1984.
- Ph. D., Environmental Science, IIT, (Indian Institute of Technology), Bombay India 1992.

Professional career

- 1980-1987 Lecturer assistant at Faculty of Engineering, Alexandria University.
- 1982-1987 Designer of sanitary Engineering works.
- 1987-1992 Ph. D. Scholar at IIT, Bombay, India.
- 1990-1992 Design of Anaerobic Fixed film pilot plant to Treats pharmaceutical wastewater for Cipla Company, Bombay.
- 1992-up to date, Lecturer, associate professor, and then professor.
- At present time head of the sanitary engineering department, Faculty of Engineering, Alexandria University.
- 1992- Sanitary Eng. Consultant for many of sanitary Engineering projects such as domestic and industrial wastewater treatment plants, plumbing Systems, Sewerage system, Water networks for villages, resorts, ...itch
- 2010-Vice-Dean for Community Development & Environmental Affairs Faculty of Eng., Alexandria University

Languages

- English, Arabic

Publication

1. Hamdy Seif, S.G. joshi, S.K Gupta: pharmaceutical wastewater Treatment by Anaerobic mesophilic and Thermophilic Fixed Film Reactors. International Assessment and Control of Environmental Contaminants in water, KYOTO, Japan, 1990.
2. Hamdy Seif et al: Effect of Organic load and reactors height on the reactors performance treat pharmaceutical waste water, Environmental Technology letters, 1992.
3. Hamdy Seif et al: Effect of temperature and cobalt addition on the Performance of anaerobic Thermophilic Fixed Film reactors in the treatment of pharmaceutical wastewater. Environmental Technology letters, 1992.

4. Hamdy Seif: Start-Up study on Down -Up Flow Anaerobic Reactors., First International Conference, RETBE, Faculty of Eng., Alexandria University, 1996
5. Hamdy Seif and Fifi Abdel Rasoul: Reuse of Grey waste water. International Conference of Water Technology, Alexandria 1997.
6. Hamdy Seif: Development of House Drainage System., International Conference of water Technology, Alexandria 1997.
7. Water Tanks and Water Pollution.
8. Mariut Lake-is a Polluted Lake or a Stabilization Pond (Mariut Anaerobic pond).
9. Development of House Drainage System.
10. Wastewater Drainage System at the North Coastal Villages.
11. Storm Water and Swimming pool Drainage System at the North Coastal Villages.
12. Development of Wastewater Drainage System at the Villages with Water Supplying.
13. Effect of Interruption of Aeration on the Activated Sludge System
14. Effect of Hydraulic retention Time on The Activated Sludge System
15. Meetland Wastewater Treatment
16. Textile Wastewater Treatment
17. Treatment of Slaughterhouse Wastes
18. Chemical – biological treatment of polyester textile wastewater (case-study).
19. New engineering concept for septic tank with high efficiency.
20. Removal of heavy metals from surface water in treatment plant at El-Beherah Governorate.
21. Removal of heavy metals from ground water in EL–BEHIRA governorate.
22. Study of waste stabilization pond geometry for the wastewater treatment efficiency.
23. Wastewater treatment using carbon fiber.
24. Hydraulic retention time effect on facultative waste stabilization ponds efficiency.
25. Reuse of Grey waste water
26. Assessment of water quality due to covering of agricultural drains project in Egypt.
27. Gelatin wastewater treatment

Further Personal Activities:

- Member of IWA (International Water Association) England.
- Member of Environmental Egyptian Friends Association.
- Member of Egyptian Planning Association.

- Member of Egyptian Engineering Association.

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