Seyyed Alireza Mousavi

CURRICULUM VITAE

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Positions:

2021-	University Associate Professor of Environmental Engineering and Deputy Director of Education, School of Public Health.
2020-2021	Associate Professor, Office Manager of Student Counseling Professors, School of Public Health.
2019- 2020	Associate Professor, Department of Environmental Health Engineering.
2015-2018	Assistant Professor of Environmental Engineering, and Deputy Dean (Financial and administrative).
2014 - 2015	Director of the Educational Development Office (EDO), School of Public Health, KUMS.
2014 to 2015	Director of the Office of Technology Development and Industry Relations, KUMS.

Education:

2013	Ph.D. Environmental Engineering, Department of Civil Engineering, Faculty of Engineering, University of Malaya, 50603 Kuala Lumpur, Malaysia.
2005	M.S. Environmental Health Engineering, Department of Environmental Health Engineering, Teheran University of Medical sciences, Teheran, Iran.
2002	B.S. Environmental Health Engineering, Department of Environmental Health Engineering, Kerman University of Medical sciences, Kerman, Iran.

Professional Affiliations:

- Department of Environmental Health Engineering (active)
- Research Center for Environmental Determinants of Health (Active)
- Social Development and Health Promotion Research Center(Active)

RESEARCH

Peer-Reviewed Journal Articles:

Persian Journal Articles

1. Mousavi, SAR, Mohamadi, P., Parastar, S.M., Ghayedzadeh, M., Kamari, F., (2013) Efficiency of Fenton Oxidation Process in Removal of Rodamine B from Syntactic Solution, Journal of Water & Wastewater, (Persian)

2. Mousavi, SAR., Mahvi, AH., Mesdaghinia, AR., Nasseri, S., Honari, HR., (2010) Fenton Oxidation Efficiency in Removal of Detergents from Water, Journal of Water & Wastewater, Vol.72, No. 4. (Persian)

3. Mousavi SAR, Mahvi A.H. (2009) Assessment of water supply in bam after earthquake. Jour, Energy and hydro technology. Volume 1, No.2. Pp.32-37. (Persian)

4. Mousavi, SAR., Mahvi, AH., Mesdaghinia, AR., Nasseri, S., (2009) The Quality Characteristics of Paksan Factory Industrial Wastewater. Behboud Magazine, Kermanshah University of Medical Sciences, Vol. 12, No. 1. (Persian)

5. Mousavi, SAR., Mahvi, AH., Mesdaghinia, AR., Nasseri, S., (2008) Efficiency of the Fenton Process in detergent removal and improving biological treatability of wastewater of detergent - producing industries. Scientific Journal of School of Public Health and Institute of Public Health Research, Vol. 6, No. 1, PP. 63-73. (Persian)

6. Mahvi A.H, Honari H, Mousavi SAR, (2005) Adverse environmental impacts of cleaning industries in Iran. Toloo-e-Behdasht Journal of Yazd school Shhid Sadoughi University of Medical Sciences and Health Services, Iran, vol.4no.1, 50-57. (Persian)

7. Mousavi, SAR, Mohamadi, P., Parastar, S.M., Ghayedzadeh, M., Kamari, F., (2013) Efficiency of Fenton Oxidation Process in Removal of Rodamine B from Syntactic Solution, Journal of Water & Wastewater, (Persian)

English Journal Articles

1. Seyyed Alireza Mousavi, Fatemeh Farrokhi , Nazanin Kianirad, Farzaneh Falahi, 2018. Degradation of aniline from aqueous solution by Fenton process: modelling and optimization. Desalination and Water Treatment, 125.

2. Seyyed Alireza Mousavi, and Sohrabi P. A. 2018. Comprehensive evaluation of the level of noise pollution in hospitals of Kermanshah University of Medical Sciences. Global NEST Journal, 20, 2.

3. Seyyed Alireza Mousavi, Mehralian M., Khashij M., and Parvaneh S. 2017. Methylene Blue removal from aqueous solutions by activated carbon prepared from N. microphyllum (AC-NM): RSM analysis, isotherms and kinetic studies. Global NEST Journal, 19, 4. Ali Almasi, Mitra Mohammadib, Ali Azizi, Zohreh Berizi, Khadije Shamsi, Ali Shahbazi,

4. Seyyed Alireza Mousavi. 2019. Assessing the knowledge, attitude and practice of the kermanshahi women towards reducing, recycling and reusing of municipal solid waste. Resources, Conservation & Recycling, 141.

5. Almasi, M. Mohammadi, Seyyed Alireza Mousavi, S. Eghbali. 2018. Phytoremediation potential of sewage sludge using native plants: Gossypium hirsutum L. and Solanum lycopersicum L. International Journal of Environmental Science and Technology, online.

6. Ali Almasi, Mohammad Hossain Falahati, Mitra Mohammadi, Afshin Almasi, Meghdad Pirsaheb, Seyyed Alireza Mousavi. 2018. Removal of heavy metals from wastewater using cost effective method: determining optimal strategic conditions and system modeling using response surface methodology. Desalination and Water Treatment,111.

7. Seyyed Alireza Mousavi and Hosna Janjani 2018Antibiotics adsorption from aqueous solutions using carbon nanotubes: a systematic review Toxin Reviews.

8. B. Kamarehie, Aghaali, Seyyed Alireza Mousavi, SY. Hashemi, A. Jafari. 2018. Nitrate Removal from Aqueous Solutions Using Granular Activated Carbon Modified with Iron Nanoparticles. International Journal of Engineering TRANSACTIONS A: Basics

9. Seyyed Alireza Mousavi, Mohammad Mehralian, Maryam Khashij and Shaliza Ibrahim. 2017. Effect of air flow rate and C/N ratio on biological nitrogen removal through the CANON process treating reject water. Environmental Technology.

10. : Seyyed Alireza Mousavi , Mohammadi P , Almasi A , Pirsaheb, Hoseini H , Asadi F, Khashij M, 2018. The effect of apprenticeship on the knowledge and function of students of environmental health engineering. Journal of Medical Education and Development,13,1.

11. H J. mohamadiyan, G. Shams- khoramabadi, Seyyed Alireza Mousavi, B. Kamarehie, Y. 2017. Aniline Degradation Using Advanced Oxidation Process by UV/Peroxy Disulfate from Aqueous Solution. International Journal of Engineering 30 (5),

12. BahramKamarehie,JalalMohamadian, Seyyed Alireza Mousavi, GhorbanAsgari,Yousef DadbanShahamat. 2017. Aniline degradation from aqueous solution using electro/Fe2+/peroxy disulphate process. Desalination and Water Treatment, 80.

13. Ali Almasi, Fatemeh Navazeshkha, Seyyed Alireza Mousavi. 2017. Biosorption of lead from aqueous solution onto Nasturtium officinale: performance and modeling. Desalination and Water

Treatment, 65.

14. Ali Almasi, Fatemeh Navazeshkha, Seyyed Alireza Mousavi. 2017. Adsorption of Reactive Red 2 using activated carbon prepared from walnut shell: batch and fixed bed studies. Desalination and Water Treatment,79.

15. Seyyed Alireza Mousavi, S Nazari. 2017. Applying Response Surface Methodology to Optimize the Fenton Oxidation Process in the Removal of Reactive Red 2. Polish Journal of Environmental Studies 26 (3).

16. Seyyed Alireza Mousavi, Mehdi Mokhtari, Maryam Khashij. 2017. Evaluating the Fenton Process Efficiency in Removal of Reactive Red 2 from Aqueous Solution. Journal of Environmental Health and Sustainable Development, 2,2.

17. Seyyed Alireza Mousavi, M. Khashij, S Hamzeh. 2017. Evaluating the Knowledge, Attitude and Performance of Kermanshah Citizens about the Effects of Using Detergents and Abstergents on Hygienic, Environmental and Safety. Iranian Journal of Health, Safety and Environment 4 (4),

18. Seyyed Alireza Mousavi, M Khashij, D Shahbazi. 2017. Evaluating Lighting Condition of Primary Schools in 2015 (Case Study: Nahavand City of Hamadan Province, Iran). Iranian Journal of Health, Safety and Environment 4 (3),

19. Parviz Mohammadi, Shaliza Ibrahim, Mohamad Suffian Mohamad Annuar, Maryam Khashij, Seyyed Alireza Mousavi,Aliakbar Zinatizadeh. 2017. Optimization of fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket fixed film bioreactor. Sustainable Environment Research.

20. Seyyed Alireza Mousavi,Majid Faraji, Heidar Mesgaraf, Zhila Abdollahi,Layegh khaledi,Farideh Kamari, Hosna Janjani. Environmental Health and Safety Status of Schools: Case Study in Paveh City of Kermanshah Province. Archives of Hygiene Sciences.

21. Seyyed Alireza Mousavi, Jamshid Derayat, Shabnam Veisi Aliakbari, Zeinab Khoshnamvand, Reza Rostami & Yasser Vasseghian. 2018. Concerns, performance, and awareness of people when experiencing haze and dust storms in Kermanshah. Chinese Journal of Population Resources and Environment,

22. Ali Almasi, Seyyed Alireza Mousavi, Zahra Bahman, Mohammad Reza Zolfaghari & Ali Akbar Zinatizadeh. Effect of hydraulic retention time and aeration time on the performance and microbial diversity in an upflow aerobic/anoxic sequential bioreactor. Desalination and Water Treatment, Volume 57, Issue 50.

23. Ali almasi, Somayeh bakhshi, Meghdad pirsaheb, Seyyed Alireza Mousavi, Mansour rezaei, Elahe saleh, Kiomars sharafi. 2016. Effects of air pollution caused by particulate matter (pm10) on ourismindustry and roadaccidents- case study: kermanshah, iran (2008-2013). Acta Medica Mediterranea, 32.

24. Almasi a., Seyyed Alireza Mousavi, Mohammadi m., Azemnia s., Godini k., Zarei a.,Mohammadi s.,Saleh e. 2016. Efficiency of integrated ultrasonic and anaerobic digestion of oil refinery

wastewater sludge. Global NEST Journal,18,4.

25. Seyyed Alireza Mousavi, Mohamad Rashid, Hosna Janjani. 2016. Evaluation of Combination of Natural and Artificial Lighting Condition in Primary Schools (Case Study: Baneh City of Kurdistan Province, Iran). Arch Hyg Sci;5(3).

26. M Khashij, Seyyed Alireza Mousavi, M Mehralianc, MR Massoudinejad. 2016. Removal of fe2+ from aqueous solution using manganese oxide coated zeolite and iron oxide coated zeolite. International Journal of Engineering-Transactions B: Applications 29 (11), 1506-1513.

27. Y. Yosofi, A. Almasi, Seyyed Alireza Mousavi, N. Shawkat Mizzouri. 2016. Decolorization of methylene blue from aqueous solution using ultrasonic / fenton like process . IJE 29 (11), 1582-1586.

28. Seyyed Alireza Mousavi, Majid Faraji, and Hosna Janjani. Recycling of three different types of rural wastes employing vermicomposting technology by Eisenia fetida at low temperature. Global NEST Journal,19,4.

29. Seyyed Alireza Mousavi, Iraj Shahbazi, Hosna Janjani, Rastegar Veysinejad, Ali Asgar Sobhani & Mehdi Bakhti. 2017. Study of non-revenue water status and enforcement measures to reduce water loss: case study in villages of Kermanshah Province of Iran. Chinese Journal of Population Resources and Environment.

30. Seyyed Alireza Mousavi, Ali Almasi, Zohreh Kamari, Farzaneh Abdali, Zhaleh Yosefi. 2015. Application of the central composite design and response surface methodology for the treatment of Kermanshah landfill leachate by a sequencing batch reactor. Desalination and Water Treatment,Volume 56.

31. Seyyed Alireza Mousavi, Parastoo. Sohrabi. 2014. Assessment of Knowledge, attitude and Practice of Kermanshahi households about status of solid waste recycling. Journal of Middle East Applied Science and Technology (JMEAST) Issue 7(4).

32. Ali. Almasi, Seyyed Alireza Mousavi, Somayeh. Bakhshi, Farideh. Namdari. 2014. Dust storms and environmental health impacts. Journal of Middle East Applied Science and Technology (JMEAST), Issue 8,

33. Ali. Almasi, Seyyed Alireza Mousavi, Somayeh. Bakhshi, Farideh. Namdari. 2014. A survey on effect of dust storms on agricultural products in Kermanshah. Journal of Middle East Applied Science and Technology (JMEAST), Issue 14(2),

34. Ali. Almasi, Seyyed Alireza Mousavi, Farideh. Namdari, Mustafa. Karami, Somayeh. Bakhshi. 2014. Qualitative and quantitative characterization of municipal solid waste in Ilam. Journal of Middle East Applied Science and Technology (JMEAST). Issue 10(4), pp. 300-304.

35. Seyyed Alireza Mousavi, S Ibrahim, MK Aroua. 2017. Effect of carbon source on acclimatization of nitrifying bacteria to achieve high-rate partial nitrification of wastewater with high ammonium concentration. Applied Water Science 7 (1),

36. Seyyed Alireza Mousavia, Shaliza Ibrahim, Mohamed Kheireddine Aroua. 2015. A twin chamber up-flow bio-electrochemical pumparound system for sequential nitrification and denitrification of reject water. Desalination and Water Treatment, Volume 57, 2016 - Issue 44.

37. Seyyed Alireza Mousavi, Shaliza Ibrahim. 2015. Application of response surface methodology (RSM) for analyzing and modeling of nitrification process using sequencing batch reactors. Desalination and Water Treatment,Volume 57, Issue 13.

38. Seyyed Alireza Mousavi, Shaliza Ibrahim & Mohamed Kheireddine Aroua. 2013. Effects of operational parameters on the treatment of nitrate-rich wastewater by autohydrogenotrophic denitrifying bacteria. Water and Environment Journal, Volume 28, Issue 4.

39. Seyyed Alireza Mousavi, Shaliza Ibrahima, Mohamed Kheireddine Aroua, Shahin Ghafari . 2012. Development of nitrate elimination by autohydrogenotrophic bacteria in bio-electrochemical reactors – A review. Biochemical Engineering Journal, 67.

40. Seyyed Alireza Mousavi, Shaliza Ibrahim, Mohamed Kheireddine Aroua. 2012. Sequential nitrification and denitrification in a novel palm shell granular activated carbon twin-chamber upflow bio-electrochemical reactor for treating ammonium-rich wastewater. Bioresource Technology, 125.

41. Seyyed Alireza Mousavi, A. H. Mahvi, S. Nasseri, Sh. Ghafari. 2011. Effect of fenton process (H2O2 /fe2+) on removal of linear alkylbenzene sulfonate using central composite. Iran. J. Environ. Health. Sci. Eng., Vol. 8, No. 2.

Books and Manuals:

1. Seyyedalireza Mousavi; Farideh Kamari, (2013). “Environmental Health in Disaster (Water Supply and Sewage Dispose)” (ISBN: 978-964 -04 -8285 -2). Kermanshah University of Medical Science, Kermanshah, Iran.

Intramural Grants/Fellowships Awarded:

1. Seyyed Alireza Mousavi, (2015) Preparation and characterization of powder and granular activated carbon from grapevine wastes and study of different carbon activation methods in the removal of Methylene Blue and Reactive Red 2. Kermanshah University of Medical Science, Kermanshah, Iran.

2. Seyyed Alireza Mousavi, Molok Parvaneh; (2014) The effect of powdered activated carbon on the efficiency of leachate treatment by a columnar aerobic sequencing batch reactor. Kermanshah University of Medical Science, Kermanshah, Iran.

3. Seyyed Alireza Mousavi, Majid Faraji; (2014) Survey on the effect of bed components on the vermicompost quality made from produced wastes in the rural household by Eisenia foetida. Kermanshah University of Medical Science, Kermanshah, Iran.

4. Seyyed Alireza Mousavi, Ali Almasi, Ibrahim Mohammad Karim; (2015) Survey of Solid Waste Management in Mahabad, Iran. Kermanshah University of Medical Science, Kermanshah, Iran.
5. Seyyed Alireza Mousavi; Ali Almasi; Zohreh Kamari; Farzaneh Abdali; Zhaleh; Yosefi (2014) Application of the central composite design and response surface methodology to the treatment of Kermanshah landfill leachate by a sequencing batch reactor. Kermanshah University of Medical Science, Kermanshah, Iran.

6. Seyyedalireza Mousavi; Fatemeh Navazeshkha, (2014) "Survey of environmental health status of instructive hospitals in Kermanshah city" Kermanshah University of Medical Science, Kermanshah, Iran.

7. Seyyedalireza Mousavi; Majid Faraji, (2013)"Survey of heavy metals concentration in Kermanshah drinking water resources and reservoirs" Kermanshah University of Medical Science, Kermanshah, Iran.

8. Seyyedalireza Mousavi; Fateneh asadi, (2013) "Survy of solid waste managment of Imam Reza hospital in Kermanshah" Kermanshah University of Medical Science, Kermanshah, Iran.

9. Seyyedalireza Mousavi; Elaheh Jahan, (2012) " Survey of satisfaction level of households in the city of Kermanshah for status of solid waste collection" Kermanshah University of Medical Science, Kermanshah, Iran.

10. Seyyedalireza Mousavi; Mohammad Rashid Salehzadeh, (2012) "Survy of Combination of natural and artificial lighting condition in primary schools in Baneh city at academic year 92 -91". Kermanshah University of Medical Science, Kermanshah, Iran.

Research works (as Collaborator):

1. A survey on the effect of ultra-sonication in the anaerobic digestion of oil refinery wastewater sludge. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013.

2. Development of a Novel twin up-flow Bio electrochemical reactor (TUBER) for the treatment of nitrogen–contaminated water and wastewaters. Department of Civil Engineering, Faculty of Engineering University of Malaya, 50603 Kuala Lumpur, Malaysia. 2009.

3. Investigation on Fenton reagent Efficiency for Improving Biological Treatability of Wastewater of Surfactant Producing Industry, Department of Environmental Health Engineering, School of Public Health, and Institute of Public Health research, center for Environmental research, Tehran University of Medical Sciences research center, Tehran, Iran, 2004.

Refereed Conference Presentations, Symposia, and Published Abstracts:

National Conference:

1. Mousavi, S.A.R., Sohrabi, P., “Management of aquaculture effluents”. 2th National Congress on Development of Sustainable agriculture and healthy environment, Hamadan, Iran, 2013.(Persian)

2. Mousavi, S.A.R., Mohammadi, P., Daei, S.M., Azemneya, S., Kamari, F., “Efficiency of photochemical oxidation processes (UV/H2O2) on the removal of synthetic dyes from solution of Rhodamine B”. 16th National Congress on Environmental Health Engineering, Tabriz, Iran, 2013.(Persian)

3. Mousavi, S.A.R., Somayeh , B. “Survy of solid waste managment in Faculty of health-Kermanshah University of Medical Sciences with applying a modified model in spring 1392”. 16th National Congress on Environmental Health Engineering, Tabriz, Iran, 2013.(Persian)

4. Mousavi, S.A.R., Somayeh , B. “The quality and quantity of waste generated in the Faculty of health of Kermanshah University of Medical Sciences in spring 1392”. Annual Research Conference of Iran, Ardabil, iran, 213.(Persian)

5. Mousavi, S.A.R., Somayeh , B. “survy of management and control system of hazardous radioactive waste " . Annual Research Conference of Iran, Ardabil, iran, 213.(Persian)

6. Mousavi, S.A.R., Navazeshkha, F. “Factors Affecting Soil Erosion and Its related Issues " . 4th reasearch congress of students of Iran west medical universities, kermanshak, iran, 212.(Persian)

7. Mousavi, S.A.R., Asadi, F. “A review of trends in groundwater salinity in Iran and world with present of suitable solutions for reduce and control of salinity " . 4th reasearch congress of students of Iran west medical universities, kermanshak, iran, 212.(Persian)

8. Sharafi, K., Karami, A., Mousavi, S.A.R., Asadi, F. “ survy of the appropriateness of the environmental health of Kermanshah provinces hospitals over a period of 13 years (from 1378 to 1390)" . 4th reasearch congress of students of Iran west medical universities, kermanshak, iran, 212.(Persian)

9. Sharafi, K., Karami, A., Mousavi, S.A.R., Navazeshkha, F., Emami, Balal., “ survy of the appropriateness of the environmental health of food distribution centers and public institutions in Kermanshah provinces over a period of 13 years (from 1378 to 1390)" . 4th reasearch congress of students of Iran west medical universities, kermanshak, iran, 212.(Persian)

10. 10. Mousavi, A.R., Mahvi, A.h., Mesdaghinia, A.R., Nasseri, S.,Honari, H.R., " Investigating the Efficiency of Fenton oxidation for Remove of Detergent and Improving Biological Treatability of Wastewater of Paksan Manufacture" . 11th National Congress on Environmental Health Engineering, zahedan, Iran, 2008.(Persian)

11. Mousavi S.A.R., Mahvi A.H, Mesdaghinia A.R, Nasseri S, Honari H.R, " Investigation the Efficiency of Advanced Oxidation Technology in Improving Biological Treat ability of Surfactant Wastewater by Fe+2/H2O2" 10th National Congress on Environmental Health Engineering, Hamadan , Iran. 2007.(Persian)

12. Mousavi S.A.R., Mahvi A.H, "Water supply in bam after earthquake" 10thNational Congress on Environmental Health Engineering, Hamadan, Iran, 2007.(Persian)

13. Mohammadi P, Muosavi S.A.R., "Global procedure in the use of clean energies", 6th National Congress on Energy, Iran, 2006.(Persian)

14. Mousavi S.A.R., Mohammadi P, " anaerobic digestion of municipal solid waste as a preference approach in other disposal methods: a comparative study", 6th National Congress on Energy, Iran, 2006.

15. 3. Mohammadi, P., Mousavi, S.A.R.,"Management of water supply in Emergency conditions" 3rdNationalCongress on Civil Engineering, Tabriz, Iran, 2006.(Persian).

16. Mousavi S.A.R., Jafari,A., "An overview on efforts performed in some countries for achievement of CDM targets" Congress of Health Sciences, Iran, 2004. (Persian)

17. Gholampor, A., Mousavi, S.A.R., "Disposal of solid waste by plasma gasification" Congress of Health Sciences , Iran, 2004.(Persian)

International Conference:

1. Ali Almasi, Seyyedd Alireza Mosavi, Tahereh Shoja, Fatemeh Navazeshkhah "Evaluation of the Environmental Health Condition of Darband Sahneh Promenade in 1391" HPP, Volume 5, Supplement, 2015, pp. 50-304.

2. Seyyed Alireza Mousavi, Solmaz Rostampoor "Survey the status of environmental health of nursing homes in Kermanshah city (2014)" HPP, Volume 5, Supplement, 2015, pp. 50-304.

3. Seyyed Alireza Mousavi, Fatemeh Navazeshkha,Seyyed Mojtaba Amiri, Elahe Saleh1 "Prioritize the factors of urban crisis management in the face of natural disasters and unexpected events in the city of Kermanshah (Case study of 13 independent organizations affiliated with urban crisis)". HPP, Volume 5, Supplement, 2015, pp. 50-304.

4. Fatemeh Asadi, Seyyed Alireza Mousavi, Elahe Saleh, Meghdad Pirsahb, Ali Almasi, Parviz Mohamadi, Hiva Hosaini "The Effect of Proper Apprenticeship Implementation on the Institutionalization of Theoretical Knowledge of Environmental Health Engineering Students in Kermanshah Faculty of Health" HPP, Volume 5, Supplement, 2015, pp. 50-304.

5. Seyyed Alireza Mousavi, Somayeh bakhshi, Solmaz Rostampoor " First survey on Knowledge, attitudes and practices about health effects and air pollution controlling methods among Kermanshah People, Iran "HPP, Volume 5, Supplement, 2015, pp. 50-304.

6. Seyyed Ali Reza Mousavi, Narjes Ozairi, "Assess knowledge, attitudes and practices of solid waste management in Taghbostan mountain climbers from Kermanshah city in 2014" HPP, Volume 5, Supplement, 2015, pp. 14-49.

7. Seyyed Alireza Mousavi, Shaliza Ibrahim, "The Effect of COD/N ratio on growth and adaptation of nitrifying bacteria" the third international conference on environmental planning and management, 26-27 November 2013. Tehran University.

8. Seyyed Alireza Mousavi, Ali Almasi, Ibrahim Mohamadkarim, "Solid waste management in Mahabad, Iran: Status and problems" the third international conference on environmental planning and management, 26-27 November 2013. Tehran University.

9. Seyyed Alireza Mousavi, Shaliza Ibrahima, Mohamed Kheireddine Arouab , "Nitrogen compounds elimination in a novel twin-chamber up flow bio-electrochemical reactor", UM Researchers' Conference 2012,University of Malaya, Kuala Lumpur.

10. Seyyed Alireza Mousavi., Ibrahim S., Ghafari, S., "Bioelectrochemical denitrification -A review" 1st International Chemical and Environmental Engineering Conference 2010, 26-28 November 2010, Kuala Lumpur, Malaysia.

11. Mohammadi P, Mousavi S.A., "anaerobic digestion of organic fraction of municipal solid waste using a semi-batch digester" International conference on environment , Malaysia, USM, Malaysia, 2006.

TEACHING AND STUDENT SUPERVISION

Courses Taught:

Kermanshah University of Medical sciences:

Undergraduate

- Industrial wastewater treatment
- Treatment process and wastewater treatment plant design
- Water and wastewater chemistry
- Surveying, and Cartography
- Water and wastewater Microbiology
- Introduction on Environmental Modeling
- Housing and institutional health
- Solid waste management
- Water Treatment

Postgraduate:

M.S.

- Water resource management
- Solid waste management
- Environment impact assessment
- Water treatment plant design

PhD

- Advanced treatment of water
- Water reuse and recycle
- Soil pollution control
- Modeling in environmental health processes

Supervised Theses and Student Committee Service:

Undergraduate:

Supervision of B.S. theses:

More than 50 students (bachelor) from 2005 to date, with different title in field of Environmental Engineering.

Postgraduate:

Supervision of M.S. theses:

International students

1. Saba Abdulmanam Habib, Photocatalytic degradation of antibiotic wastewater using visible light modified TiO2 nanoparticles, Department of applied chemistry, Kermanshah University of Razi, Kermanshah, Iran, 2014-2015. (Supervisor).

National students

1. Sahar Karami, Evaluation of microbial fuel cell reactor effiecency for simultaneous treatment and electricity generation of leachate from Kermanshah compost site. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2016-2017. (Supervisor).

2. Zahra Mortezaee, The study of performance of a granular activated carbon bed microbial fuel cell for simultaneous electricity production, COD removal and nitrogen components elimination. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2016-2017. (Supervisor).

3. Davood Shahbazi, Preparation and characterization of powder and granular activated carbon from grapevine wastes and study of different carbon activation methods in the removal of Methylene Blue and Reactive Red 2. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2015-2016. (Supervisor).

4. Molok Parvaneh, The Evaluation of efficiency anaerobic - aerobic sequencing batch reactor moving bed granular activated carbon for the removal of COD and TKN landfill leachate Kermanshah. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013. (Co-supervisor).

5. Faride Namdari, A survey on the landfill site selection of Ilam city solid waste using GIS, Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013. (Co-supervisor).

6. Somaye Navazeshkha**,** A survey on Environmental health effects of dust storm on Kermanshah city. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013. (Co-supervisor).

7. Fatemeh Navazeshkha**,** A survey of the efficiency and modeling of lead removal from aqueous solutions using algal and nasturtium officinal plant biomass. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013. (co-supervisor).

8. Somayeh Azemnia**,** Asurvey on the effect of ultra sounication in the anaerobic digestion of oil refinery wastewater sludge. Department of Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2012-2013. (co-supervisor)**.**