

# Curriculum Vitae

## Personal details

**Name:** Amir Hossein Nafez  
**Marital Status:** Single  
**Date of Birth:** 21st March 1981  
**Nationality:** Iranian  
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**Current job:** Assistant prof. at department of environmental health engineering, Kermanshah University of medical sciences, Kermanshah, Iran.

## Research interests

- Solid waste management, Industrial & Hazardous waste management
- Health-care and dental solid waste management
- The use of biological methods for solid waste treatment especially sewage sludge stabilization
- Composting and Vermicomposting
- Biosolids Management
- Resource Conservation, Reuse and Recycling

## Education

### PhD:

Oct.2010-Feb.2015

**Isfahan University of Medical Sciences, Isfahan, Iran**

- **Thesis title: Evaluation of sewage sludge composting (Windrow and Aerated static piles) using yellow (Straw and stubble) and green (Leaves and turf) garden wastes as the bulking agents with emphasis on the indicators of sludge compost maturity and stability**
- *Supervisors:* Prof. Bijan Bina & Prof. Mahnaz Nikaeen
- *Relevant courses:* Wastewater treatment, Membrane technology for water treatment, Hydro-chemical system modeling, Water chemistry, Environmental microbiology, water and wastewater treatment plant design, Water resource management, Leachate treatment, Technical engineering, Membrane technologies, Solid waste management, Air pollution, Environmental Biotechnology, Bioremediation, Microbiology, PCR.
- *Relevant laboratory courses:* Water and wastewater treatment, Composting and Solid waste analysis, Microbial Examinations.

### M.Sc.:

Oct.2004-May.2007

**Tehran University of Medical Sciences, Tehran, Iran**

- **Thesis title: Feasibility study of using “*Luffa Cylindrica*” as a microbial growth media for synthetic wastewater treatment by Aerated Submerged Fixed Film Reactor (ASFFR)**
- **Supervisors:** Prof. Ramin Nabizadeh & Prof. Kazem Naddafi

### **B.Sc. in Environmental Health:**

Feb.2000- Apr.2003

**Shahid Beheshti University of Medical Sciences, Tehran,**

**Iran***Relevant courses:* Water treatment, Municipal and industrial wastewater treatment, water and wastewater treatment processes, Fluid mechanics, Hydraulics, Mathematics, Engineering mathematics, Water and wastewater chemical analysis, Water and wastewater microbiology, Water quality and river sanitation, Principles of hydrology, Modelling, Radiation Protection.

### **Papers**

1. Nikaeen M, Nafez AH, Bina B, Nabavi BF, Hassanzadeh A. **Respiration and enzymatic activities as indicators of stabilization of sewage sludge composting.** Waste Management, 2015, (39) 104-110.
2. Nafez AH, Nikaeen M, Bina B, Hassanzadeh A, Moghim Sh. **Composting of sewage sludge in different strategies of aeration with a mixture of green plant wastes as bulking agent.** Fresenius Environmental Bulletin, 2015, 24 (6) 2406-2414.
3. Nafez AH, Nikaeen M, Kadkhodaie S, Hatamzadeh M, Moghim Sh. **Sewage sludge composting: quality assessment for agricultural application.** Environmental Monitoring & Assessment. 2015, 187:709, 1-9.
4. Nafez AH, Ebrahimi A, Hajiannejad M, Bina B. **Quantity and composition of produced dental solid waste in Isfahan, 2011.** International Journal of Environmental Health Engineering, 2014; 3:17.
5. Nafez AH, Karbord A, Sharifi M, Jabbari R, H.S.Aboutorabi M.S. **A Quantitative and Qualitative Survey of Dental Wastes in Qazvin, Iran.** Health System Research, 2011; 7(6):1255-60.
6. Nafez AH, Nikaeen M, Nabavi BF, Hatamzadeh M, Hassanzadeh A. **Evaluation of composting process on removal of indicator and pathogenic bacteria in Isfahan composting plant.** Health System Research, 2013; 9(8):837-50.
7. Shahriari A, Nafez AH, Norouzi S, Heidari M. **Investigation of Common Microbial Indicators in Swimming Pool of Gorgan City.** Ardabil Journal of Health & Safety, 2011; 2(2): 17-26.

8. Nabizadeh R, Naddafi K, Mesdaghinia A, Nafez AH. **Feasibility study of organic matter and Ammonium removal using loofa sponge as a supporting medium in an aerated submerged fixed-film reactor (ASFFR)**. *Electronic Journal of Biotechnology*, 2008; 11(4): 1-9.
9. Nabizadeh R, Naddafi K, Nafez AH, Mesdaghinia A, Vaezi F, Kheiri A, Ghasri A. **Application of Luffa as an Innovative Packing Media in an Aerated Submerged Fixed-Film Reactor (ASFFR)**. *Journal of Water & Wastewater*, 2008; 18(4): 2-8.
10. Sohrabi Y., Nafez A.H., Charganeh S.Sh., Abdollahzadeh D., Biglari H., **Analyzing chemical parameters of drinking water of urban water system--Kermanshah-Iran**. *Bulgarian Chemical Communications*, 2017;49(4): 256-262.
11. Nafez A.H., **Evaluate the Change in Population of Coliform Bacteria and *Salmonella SPP.* in Composting Process of Municipal Wastes**. *Health System Research*, 2013; 9(8):837-50.
12. Abtahi M., Koolivand A., Dobaradaran S., Yaghmaeian K., Khaloo Sh.S, Jorfi S., Keshmiri S., Nafez A.H., Saeedi R., **National and subnational mortality and disability-adjusted life years (DALYs) attributable to 17 occupational risk factors in Iran, 1990–2015**. *Environmental Research*, 2018; 165(3):158-175.
13. Nafez A.H., Lotfi S., Rostami R., Saeedi R., Lotfi Sh. **Assessment the noise level in libraries and dormitories of kermanshah university of medical sciences in 2016 (kermanshah, Iran)**, *Fresenius Environmental Bulletin*, 2017; 26(7):4890-4893.
14. Rostami R., Nafez A.H., Fallahi H., Mohammadi M.M., Jamshidi Kh., Soheila L., **surveying awareness of the students of kermanshah university of medical sciences about nutrition and storing food stuff in crises (2016)**, *Research Journal of Applied Sciences*, 2016; 11(7):563-566.
15. Nafez A.H., Abbasi Azizi S., Lotfi S., Rostami R., **assessment of interior general and local lighting and uv-radiation in the libraries of the faculties in the kermanshah university of medical sciences (2016)**, *International Journal of Pharmacy & Technology*, 2016; 8(3): 18934-18940.
16. Adabi Sh, Sohrabi Y., Nafez A.H., Yarmohammadi A., Mirzaei N., Ahmadpour M., Saleh E. , Ghadiri S.K., **Investigation of the Peroxide Value of Oils Used in Bistros (West of Iran)**, *international journal of pharmaceutical research*, 2018; 10(3):354-359.
17. Charganeh, S.Sh., Sohrabi Y., Rahimi Sh. , Nafez A.H., Mirzaei N., Bagheri A., Ghadiri S.K., Rezaei S., **Chemical Coagulation Efficiency in Removal of Water Turbidity**, *International Journal of Pharmaceutical Research*, 2018; 10(3): 188-194.
18. Shoeib Rahimi, Younes Sohrabi, Amir Hossein Nafez, Maryam Dabirian **Learning Styles**

**in University Education (Systematic Review)**, Indian Journal of Public Health Research & Development, 2017; 8(2):386-391.

19. Reza Rostami, Amir Hossein Nafez, Arezoo Mahmoudi, Parastoo Darvishi, Soheila Lotfi, Navid Veisi, Sharareh Ahmadi, Reza Heidari-Soureshjani, **What is the level of knowledge and attitude of medical students about health measures in crisis (2016&2017)?**, International Journal of Advanced Biotechnology and Research, 2017; 8(4):1629-1635.
20. Moradi M., Nafez A.H., Malekian T., Darsanj A., **Evaluating the sound volume and luminance intensity in male students residing at the dormitories of Kermanshah University of Medical Sciences, Iran**, International Journal of Pharmacy and Technology, 2016; 8(3): 18908-18914.
21. Safora Kadkhodaei, Mahnaz Nikaeen, Maryam Hatamzadeh, Amir Hossein Nafez, Akbar Hassanzadeh, **Monitoring of indicator and pathogenic bacteria during sewage sludge composting process**, Health System Research, 2016; 12(2):1-6.
22. Amir Hossein Nafez, Afshin Darsanj, Ayub Yarmohammadi, Hamed Yarmohammadi, Bahman Khodadadian, Younes Sohrabi, **Evaluation of Peroxide Amount in the Consumed Oil Used in the Fast Food Shops of Kermanshah City, Iran, in the Year 2016**, Journal of Health System Research, 2018; 13(4): 399-404.

#### **Conferences:**

1. Nafez A.H., Falahi F., Mohammadi P., Amiri Sh., **Evaluation of physico-chemical and microbial quality of drinking water during a 3 year period in Delfan city, Lorestan, Iran**, 2nd international and 20th national conference on environmental health and sustainable development. Yazd, Iran-2017. (Poster)
2. Delbari A.S., Kadkhodaei N., Nafez A.H., **The strategy for determining the air pollution monitoring stations**, 9<sup>th</sup> National Conference on Environmental Health. Isfahan, Iran-2017. (oral)
3. Nafez A.H., Delbari A.S., **Textile Recycling**, 9<sup>th</sup> National Conference on Environmental Health. Isfahan, Iran-2017. (oral)
4. Amiri Sh., Nafez A.H., Karimi N., Momeneh V., **Investigating the performance of *Nasturtium officinale* in the removal of organic and nutrient materials from contaminated water sources (Case study: Ghareh Sou River-Kermanshah)**, 6<sup>th</sup> National Conference on Water Resources Management, Kurdistan University, Iran, 2016. (oral)

5. Nafez A.H., Nikaeen M., Bina B., Hatamzadeh M., Nabavi B.F., **variation of indicator and pathogenic bacteria in composting process**, The 1<sup>th</sup> International and The 4<sup>th</sup> National Congress on Recycling of Organic Waste in Agriculture (CROWA), Isfahan, Iran, 2012. (oral)
6. Nafez A.H., **Glass Recycling**, 3rd National Conference on Waste Management and Its Position in Urban Planning, Tehran, Iran, 2005. (oral)
7. Nafez A.H., Lotfi S., Abbasi Azizi S., Veisi N., Rostami R., **Surveying awareness of the students about storing food stuff in crises**, The 3rd International & 8th National Congress on Health Education & Promotion, Isfahan, Iran, 2017.(poster)
8. Nafez A.H., Lotfi S., Ahmadi Sh., Veisi N., Rostami R., **Assessment of Interior General and Local Lighting in the Libraries of the Faculties of KUMS as an Environmental Health Factor**, The 3rd International & 8th National Congress on Health Education & Promotion, Isfahan, Iran, 2017. (oral)
9. Nafez A.H., Karbord A., Sharifi M., Jabbari R., **Quantitative and qualitative study of dental waste in Qazvin in 2009**, 12<sup>th</sup> National Conference on Environmental Health, Shahid Beheshti University of Medical Sciences- Tehran, Iran, 2009. (poster)