

## Curriculum Vitae

### 1. Personal Data

**Name:** Yaghoub

**Surname:** Hajizadeh

**Academic Position:** Assistant Professor



**Location:**

*Department of Environmental Health Engineering, Faculty of Health, Isfahan University of Medical Sciences. Hezar Jarib St., Isfahan. IRAN*

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### 2. Education:

**Associate Science in Environmental Health** : Tabriz University of Medical Sciences, Tabriz, IRAN , Feb. 1990

**B.Sc in Environmental Health Engineering** : Isfahan University of Medical Science, Isfahan, IRAN. Feb. 1994

**M.Sc in Environmental Health Engineering** : Tehran Medical Science University, Tehran, IRAN. June 1998

**PhD in Environmental Engineering (Air & Waste)** : The University of Leeds, Leeds, UK. April 2011.

### 3. Area work (Teaching and Research):

- 1- Air pollution and Health
- 2- Air pollution monitoring and control techniques
- 3- Thermal treatment of waste and waste to energy
- 4- Analytical instruments for environmental contaminants analyses
- 5- Persistent Organic Pollutants (POPs) monitoring and abatement
- 6- Dioxin formation and suppression during combustion process
- 7- Water supply and distribution systems ( Design, Operation and Maintenance)

#### 4. Publication and conference papers

1. Hajizadeh Y, Rezaei M. Biodegradation of formaldehyde from contaminated air using a laboratory scale static-bed bioreactor. *International Journal of Environmental Health Engineering*. 2014;3:4.
2. Baseri M, Heidari R, Mahaki B, Hajizadeh Y, Momenizadeh A, Sadeghi M. Myeloperoxidase levels predicts angiographic severity of coronary artery disease in patients with chronic stable angina. *Advanced Biomedical Research*. 2014;3:139.
3. Hajizadeh Y, Williams PT. Activated carbon production from RDF and its use for dioxin removal from flue gas of waste incinerators. *International Journal of Environmental Health Engineering*. 2013;2:10.
4. Hajizadeh Y, Onwudili JA, Williams PT. Effects of gaseous  $\text{NH}_3$  and  $\text{SO}_2$  on the concentration profiles of PCDD/F in flyash under post-combustion zone conditions. *Waste management*. 2012;32:1378-1386.
5. Mohammadi A, Bina B, Ebrahimi A, Hajizadeh Y, Amin MM, Pourzamani H. Effectiveness of nanozeolite modified by cationic surfactant in the removal of disinfection by-product precursors from water solution. *International Journal of Environmental Health Engineering*. 2012;1:3.
6. Hajizadeh Y. Influence of PAH,  $\text{SO}_2$  and  $\text{NH}_3$  on Dioxin Formation, and the Effectiveness of Waste Derived Activated Carbons on Control of Dioxin Emissions from Waste Incineration. 2011.
7. Hajizadeh Y, Onwudili JA, Williams PT. Removal potential of toxic 2378-substituted PCDD/F from incinerator flue gases by waste-derived activated carbons. *Waste management*. 2011;31:1194-1201.
8. Hajizadeh Y, Onwudili JA, Williams PT. PCDD/F formation from oxy-PAH precursors in waste incinerator flyash. *Chemosphere*. 2011;85:1672-1681.
9. Hajizadeh Y, Williams PT. waste 2010: Tyre pyrolysis activated carbon for dioxin control in waste incinerators. 2010.
10. Sadani M, Movahedian H, Faraji M, Hajizadeh Y. Effects of sequential ozonation and adsorption in the removal of water-soluble fraction of crude oil, leading to total organic carbon and toxicity reduction for rainbow trout larvae. *International Journal of Environmental Health Engineering*. 2012;1:16.
11. Onwudili JA, Hajizadeh Y, Zainal S, Upton J, Williams PT. Application of low-temperature CP-Sil 88 column for the isomeric analysis of toxic 2378-substituted PCDD/Fs in incinerator flyash and sewage sludge using a triple quadrupole GC-MS/MS. *Talanta*. 2011;87:143-151.

12. Biological removal of heavy metals from water and waste water by using of Sulphate Reducing Bacteria . First Asian conference on water & wastewater management, 2-4 March 1998, Tehran.
13. Survey and detection the amount of heavy metals in Tabriz ground water resources. 2<sup>nd</sup> Asian conference on water & wastewater management, 8-10 May 2001, Tehran.
14. Survey and detection of TSP, Smoke, SO<sub>x</sub> and CO concentrations in ambient air of Tabriz among three years in 1999, 2000 and 2001. 5<sup>th</sup> National congress on environmental health engineering , 26-28 Oct. 2002, Tehran.
15. Health concerns of water quality in food industries with low content of water at end products. (Case study: Tabriz Industries) 2005 .
16. Survey and detection of chlorination efficiency and effectiveness in water supply systems in rural area of Illam province , 8<sup>th</sup> National Congress on Environmental Health, Tehran , Nov. 2005 .
17. Importance of chemical quality aspects of water used in food industries, 10<sup>th</sup> Iranian Pharmaceutical Science Conference, 2006.
18. Water quality control in beverage, dairy and canning industries, East Azarbayjan, 9<sup>th</sup> Iranian Nutrition Congress, Tabriz, September 2006 .
19. Survey and detection of heavy metals in dairy, beverage and drinking products. (Case study: Tabriz Industries) 2006 .
20. Survey and identification of odor causing agents in dam water and their control methods. ( case study in Alavian Dam)
21. Monitoring of VOC, Benzene, Ethyl benzene , Phenol and Styrene in the air of petrochemical industries, and their metabolites in biological samples of personnel. Tabriz, 2002

## **5- Fellowships and any short courses ( ≥ 30 hours):**

1. PHC : 10-18 Aug. 1996, Tehran M. Sc. University
2. E.I.A : 3-8 July 1997, Tehran M. Sc. University
3. Air Pollution control, 27-30 June 1997, AQCC, UNDP
4. Health Program management, 19-24 Aug. 2000, Ministry of Health , Tehran.
5. Quit Smoking workshop, 12-15 Nov. 2001, Ministry of Health, Tehran.
6. ICDL, 135 hours, among 2004, ICT Fanavaran, Tabriz
7. Microbiological examinations of drinking water, Ministry of Health , Tehran. 2001

8. Laboratorial methods for the detection of trace elements in water, soil and plants, Tabriz University, faculty of science, July 2005.
9. Application of HPLC for organic pollutant analysis, Faculty of Health & Nutrition, February 2006
10. Application of AAS for trace heavy metals analysis, Faculty of Health & Nutrition, March 2006
11. Health and Safety course, university of Leeds, 2007
12. Statistics data analysis course (SPSS), university of Leeds, 2007
13. Workshop , Thermal treatment of waste, 3 full days, CPD Unit, Faculty of Engineering, the University of Leeds, February 2008
14. Workshop , Industrial Air Pollution Monitoring, 2 full days, CPD Unit, Faculty of Engineering, the University of Leeds, march 2009

## **6- Computer skills:**

Owner of ICDL Certificates, (Seven skills).

Gaining skill in application of software's such as: Microsoft Office 2010 (Word, Excel, Access, Publisher and Power point), Windows XP and 7 ,Origin, MatLab, SPSS and Internet explorer.

## **7- Foreign language:**

English: Good

Owner of valid **IELTS** Certificate , Living in England for about 5 years

Turkish : Native