

In the name of God

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Academic rank:

Assistant Professor

Faculty:

Health faculty, Department of Environmental  
Health Engineering

## Educational history

Academic field	Degree	University	Country	Graduation date
Environmental Health	B.Sc.	Tehran University of Medical Sciences	Iran	1992
Environmental Health Engineering	MSc	Tehran University of Medical Sciences	Iran	1995
Environmental Health Engineering	PhD	Tarbiat Modares	Iran	2015

## Publication

### 1. English

1. Survey of corrosion an Scaling Potential Produced Water from Ilam Water Treatment Plant. World Appl. Sci. J., 2009, 7 (Special Issue of Applied Math): 01-06.

2. Physical and Chemical Water Quality Water from Ilam Water Treatment Plant. World Appl. Sci. J., 2009, Vol. 6, No. 12, pp. 21661-1664.
3. Investigation on the Lung Function of General Population in Ilam, West of Iran, as a City Exposed to Dust Storm. Global Journal of Health Science, 2015, Vol. 7, No. 3, pp. 298-308.
4. Analyzing costs of Collection and Transportation of Municipal Solid Waste Using WAGs and Arc GIS: A Case study in Tabriz, J Adv Environ Health Res, 2015, Vol. 3, No. 4, pp. 258-265.
5. A time series analysis of environmental and metrological factors impact on cutaneous leishmaniasis incidence in an endemic area of Dehloran, Iran. Environ Sci Pollut Res, 2017, Vol. 24, No. 16, pp. 14117-14123.
6. Quantification of Health Impacts Related to PM10 and O3 Pollutants in Karaj City, Iranian Journal of Health, Safety & Environment, Vol.5, No.4, pp.1115-1121.
7. Particulate matters and bioaerosols during Middle East dust storms events in Ilam, Iran, Microchemical Journal 152 (2020) 104280.
8. Study of particulate matters concentration and radiation rate in the atmosphere of Ilam city during Middle East dust storms. International Journal of Environmental Analytical Chemistry, doi:10.1080/03067319.2020.1756278.
9. Supply-and-demand projections for the health workforce at a provincial level from 2015 to 2025 in Ilam, Iran. Proceedings of Singapore Healthcare 1-10. Doi:10.1177/201010582094323.
10. Hospital indoor air quality monitoring for the detection of SARS-CoV-2 (COVID-19) virus. Science of the Total Environment. 748 (2020) 141324. doi:10.1016/j.scitotenv.2020.141324.
- 11.

## 2. Farsi

1. *F. Vaezi, A. Amarloei.* Use of PAC Manufactured in Iran in Removing DOM from Water. J. Man & Environment. Dec. 1998, Vol. 1, No. 1, pp. 31-39.
2. *E. Mohammadi Kalhori, A. Amarloei.* Water pollution due to drinking water pipe internal coverage and after health aspects. J. Ilam Medical University. 2004, Vol. 11, No. 42, 43, pp. 12-17.
3. *A. Asl Hashemi, A. Amarloei.* A Study on water network chlorination in the rural areas of Ilam in 2000. J. Ilam Medical University. 2004, Vol. 11, No. 44, 45, pp. 46-52.

4. **E. Gholami parizad, A. Amarloei, A. Jalali galosang, R. Naserifar.** Bread and hygienic problems at urban's shops in Ilam province (2002-2004). J. Ilam Medical University. 2005, Vol. 13, No. 1, pp. 44-49.
5. **A. Amarloei, Y. Nassri, E. Mohammadi kalhori.** A Device Design for Microbiologic Sampling of Semi-deep Manual Wells, Water Tanks, and Directly Inaccessible Sources. J. Ilam Medical University. 2005, Vol. 13, No. 2, pp. 42-48.
6. **A. Purnajaf, A. Amarloei, R. Naserifar, H. Mohammadi.** Status of environmental factors related to the urban community health of Ilam, 2005-2006. J. Ilam Medical University. 2007, Vol. 15, No. 3, pp. 51-61.
7. **K. Arman, Y. Nassri, I. kalhori, A. Ammarloie.** Constructing and designing a new activated sludge system using falling aeration. J. Ilam Medical University. 2010, Vol. 18, No. 1, pp. 9-15.
8. **A. Amarloei, K. Nikseresht, E. Gholami Parizad, A. Pourabbas, H. Nourmoradi, F. Khodarahmi.** Impact of speed bump in outbreak driving accidents in Kashan. J. Ilam Medical University. 2013, Vol. 21, No. 4, pp. 91-98.
9. **A. Amarloei, K. Nikseresht, E. Gholami Parizad, A. Pourabbas, H. Nourmoradi, F. Khodarahmi.** Evaluation of Peroxide Value of Oils Consumed in Food Shops (Sandwich and Falafel) in Ilam City. J. Ilam Medical University. 2013, Vol. 21, No. 6, pp. 182-188.
10. **A. Amarloei, A. Jonidi Jafari, H. Asilian Mahabadi, Kh. Asadollahi.** The Evaluation of PM<sub>10</sub>, PM<sub>2.5</sub> and PM<sub>1</sub> Concentration during Dust Storm Events in Ilam city, from Mar 2013 through Feb 2014. J. Ilam Medical University. 2014, Vol. 22, No. , pp. 240-259.
11. **A. Amarloei, M. Nazeri, H. Nourmoradi, K. Sayehmiri, F. Khodarahmi.** Investigation on the Concentration of Nitrate and Nitrite in Ilam ground waters. J. Ilam Medical University. 2014, Vol. 22, No. 6, pp. 34-41.
12. **A. Amarloei, A. Jonidi Jafari, H. Asilian Mahabadi, Kh. Asadollahi.** Estimation of health outcomes attributed to PM<sub>10</sub> due to dust storms in Ilam city during 2012-2013. J. Ilam Medical University. 2015, Vol. 20, No. 2, pp. 51-61.
13. **S. Nobari, E. Mohammadi kalhori, E. Dehganifard, R. Noroozi, A. Amarloei, S. Mazloomi.** Evaluation of Consumer Satisfaction for the Quality of Bread Modified with Additives: A Case Study of Alborz Province. J. Environmental Health Engineering. 2015, Vol. 3, No. 2, pp. 114-122.

14. *S. Mazloomi, A. Jonidi Jafari, I. Pakzad.* Investigating the Distribution of Fungal Species Concentration Associated with Dust Storms in Ilam, Iran: A Case Study. *Mazandaran Univ Med Sci.* 2017, Vol. 27, No. 147, pp. 371-385.
15. Yasamin S, Hoseini M, Sheihkansari E, Rezaei R, Amarloei A, Mazloomi S. Survey the Effect of Photocatalytic Process of UV+ZnO on the Degradation of Sulfur B Dye from Aqueous Solutions. *Journal of Health.* Autumn 2018, Vol. 9, No. 4, Pages 367-378.
16. Heshmatollah Nourmoradi, Ali Amarloei, Gholam Ali Haghghat, Masoumeh Beigi, Zahra Bagrezaei, Sajad mazloomi. A Survey of the Environmental Health Status of Confectionery Workshops in Ilam (2016-2017). *Mar 2018, Vol. 3, No. 4, P.315-324.*

## Course teaching

### 1. B.Sc

Air Pollution- Solid Waste Management- Water Health- Environmental Microbiology- Environmental Health Engineering in Emergency Situation, Water treatment, Environmental Chemistry, Housing Health, Environmental Health Principles and ....

### 2. MSc

Air Pollution

## Skills

- Water distribution System Design
- Design of sewage collection and disposal systems
- Environmental Microbiological and Chemistry Tests
- Solid waste management

## Honors

- ✓ Elected as top researcher of health school.

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2004-2005 and 2005-2006.

- ✓ Elected as superior expert of water and wastewater company.

Tehran Province Water and Wastewater Company, South East Branch.

- ✓ Elected as superior lecturer.

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2010.

- ✓ Elected as top Dean of faculty in Ilam University of Medical Sciences, 2019.

- ✓ Elected as top rank of the education quality, 2018.

- ✓ Elected as superior lecturer.

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2020.

✓ Elected as top researcher of health school.

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2019-2020.

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## Experiences

### 1. Assistant Professor

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2015

### 2. Chief Manager of Environmental Chemistry and Microbiology Laboratories

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 1999-2010 and 2016 so far.

### 3. Department Manager

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2003-2005 and 2015-2016

### 4. Chief Manager of piping, pump and pumping Work houses

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2004-2010

### 5. Manager of Health Faculty development

Responsible Expert of Department of Health Education and Research Committee  
Ilam University of Medical Sciences, 2005-2009

### 6. Dean of Faculty

School of Health, Ilam University of Medical Sciences

## Memberships

✓ Member of Environmental and Occupational health of the Ilam Township

✓ Member of the Workgroup on Integrated Management of Water Resources Quality, Ilam Township

✓ Member of the Rural Water and Wastewater Company Research Committee, Ilam Province

## **Research Interests:**

Environmental Health Monitoring, Water Resources Sampling and Treatment, Air Pollution Health Impacts, Water Distribution Systems