

Curriculum Vitae

Name: Akbar Gholampour, Ph.D

Academic degree: Assistant Professor

Birth Day: June 30, 1977

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Address: Department of Environmental Health Engineering, School of Public Health, Tabriz university of medical sciences, Tabriz, IRAN.



Education

Ph.D Environmental Health Engineering, School of Public Health, Tehran University of Medical Sciences, Iran; 2014.

M.S Environmental Health Engineering, School of Public Health, Tehran University of Medical Sciences, Iran; 2006.

B.Sc Environmental Health Engineering, School of Public Health, Hamedan University of Medical Sciences, Iran; 2003.

Professional Experiences

- Assistant Professor of Environmental Health Engineering; School of Public Health, Tabriz university of medical sciences, 2014-Present
- Head of University Technology Development Office; Tabriz university of medical sciences, 2014-Present
- Head of HSE Office; East Azerbaijan Small and medium enterprise, 2006-2012

Teaching Experiences

- Environmental Engineering to **B.Sc.** and **M.Sc.** Students
- Air Pollution and Climate Change to **B.Sc.** and **M.Sc.** Students
- Air Pollution Modeling to **M.Sc.** and **Ph.D.** Students
- Air Pollution Monitoring to **B.Sc.** and **M.Sc.** Students
- Air Pollution and Health Risk to **B.Sc.** and **M.Sc.** Students
- Industrial pollution to **B.Sc.** and **M.Sc.** Students
- Clean productivity to **M.Sc.** Students
- Sanitary and Industrial wastewater collection and treatment to **B.Sc.** Students
- Biotechnology to **B.Sc.** Students
- Cartography to **B.Sc.** Students
- Research Methodology to **M.Sc.** Students
- Environmental management to **B.Sc.** and **M.Sc.** Students

Honors, Distinctions, and Scientific Societies Membership

Member of Iranian Society of Environmental Health

Computer Knowledge

Microsoft office, Spss, auto cad, GIS, and general aspects of windows

Editorial Board & Reviewing Activities

- 1- Journal of environmental health science and engineering**
2013- Present
- 2- Iranian Journal of Health and Environment (in Persian)**
2013- Present
- 3- Health Promotion Perspectives (HPP)**
2014- Present

Research Interests Keywords

- Environmental Engineering
- Air Pollution and Climate Change
- Air Pollution Monitoring
- Air Pollution and Health Risk
- Industrial pollution
- Clean productivity
- Sanitary and Industrial wastewater collection and treatment

Projects

- Physico-chemical investigation and health effects estimation of particulate matters and poly aromatic hydrocarbons (PAHs) at ambient air of Tabriz derived from air pollution and petrogenic industries
- Chemical & physical characterization, size distribution of airborne particles around urmia lake
- Emission modeling of air pollutants resulted from Baharan industrial Town, Hamadan
- Investigation of the spatioal and temporal trends of Tabriz air pollution during (2006 - 2016) and estimation of attributed death
- Investigation of Fungal and bacterial Bioaerosol variety and Concentration in Urmia hospitals- Iran
- Investigation of the amount and heavy metal contents in dust fall of Tabriz- Iran

Publications (Full papers published in peer-reviewed journals):

In English (from the most recent)

2024 A narrative review of microplastics in the indoor and outdoor environment, human effects, and ecological risks

Firouzsalar, N.Z., Ghayurdoost, F., Gholampour, A.

Journal of Air Pollution and Health, 9(1), pp. 123-140

2023 Oxidative stress indices induced by industrial and urban PM2.5-bound metals in A549 cells

Barzgar, F., Sadeghi-Mohammadi, S., Aftabi, Y., (...), Sarbakhsh, P., Gholampour, A.

Science of the Total Environment, 877:-

2022 Long-term trends in ambient air pollutants and the effect of meteorological parameters in Tabriz, Iran

Barzeghar, V., Hassanvand, M.S., Faridi, S., Abbasi, S., Gholampour, A.

Urban Climate, 42:-

2022 Seasonal and spatial variations of bioaerosols and antibiotic resistance bacteria in different wards of the hospital

Hosseini, S., Kafil, H.S., Mousavi, S., Gholampour, A.

Journal of Air Pollution and Health, 7(4):409-422

2021 Source apportionment and deposition of dustfall-bound trace elements around Tabriz, Iran

Eivazzadeh, M., Hassanvand, M.S., Faridi, S., Gholampour, A.

Environmental Science and Pollution Research, 28(42):59403-59415

2021 Spatiotemporal trend of ambient air particulate matter with aerodynamic diameter less than 2.5 and 10 μm and ozone in Tabriz city, Iran, during 2006-2017

Barzeghar, V., Gholampour, A., Hassanvand, M.S.

Iranian Journal of Health and Environment, 14(2):261-284

2020 Assessment of airborne bacterial and fungal communities in different wards of educational hospitals: A case study in Urmia, Iran

Biglari, A., Barzeghar, V., Firouzsalar, N.Z., Gholampour,

Journal of Air Pollution and Health, 5(4):209-222

2020 Long-term trend of ambient air PM₁₀, PM_{2.5}, and O₃ and their health effects in Tabriz city, Iran, during 2006-2017

Barzeghar, V., Sarbakhsh, P., Hassanvand, M.S., Faridi, S., Gholampour, A.

Sustainable Cities and Society, 54:-

2019 Spatial homogeneity and heterogeneity of ambient air pollutants in Tehran

Sasan Faridi, Sadegh Niazi, Fatemeh Yousefian, Faramarz Azimi, Hasan Pasalari, Fatemeh Momeniha, Adel Mokammel, Akbar Gholampour, Mohammad Sadegh Hassanvand, Kazem Naddafi

Science of The Total Environment, Volume 697, 20 December 2019

2019 Temporal and spatial variations of deposition and elemental composition of dust fall and its source identification around Tabriz, Iran

Mehran Eivazzadeh, Adeleh Yadeghari, Akbar Gholampour

Journal of Environmental Health Science and Engineering, 2019

2018 Physiochemical characteristics and oxidative potential of ambient air particulate matter (PM₁₀) during dust and non-dust storm events: a case study in Tehran, Iran

Soheila Rezaei, Kazem Naddafi, Mohammad Sadegh Hassanvand, Ramin Nabizadeh, Masud Yunesian, Maryam Ghanbarian, Zahra Atafar, Maryam Faraji, Shahrokh Nazmara, Babak Mahmoudi, Mohammad Ghanbari Ghoskani, Masoud ghanbarian, **Akbar Gholampour**

Journal of Environmental Health Science and Engineering, 2018

2018 DEVELOPING A METHOD FOR POLLUTANT EMISSION RATE CAUSED BY FUEL CONSUMPTION FROM INDUSTRIAL TOWNS

Zahra Alizadeh, Mohammad Sadegh Hassanvand, **Akbar Gholampour**

Journal of Air Pollution and Health, 2018

2018 Long-term trends and health impact of PM_{2.5} and O₃ in Tehran, Iran, 2006–2015

Faridi, S., Shamsipour, M., Krzyzanowski, M., Künzli, N., Amini, H., Azimi, F., Malkawi, M., Momeniha, F., **Gholampour, A.**, Hassanvand, M.S., Naddafi, K

Environment International, 2018

2017 NOISE POLLUTION AS A PUBLIC HEALTH CONCERN IN PEDIATRIC HOSPITALS: A CASE STUDY IN TABRIZ, IRAN

Mehran Eivazzadeh, Sahra Vahedi, Mohammad Asghari Jafarabadi, **Akbar Gholampour**

Journal of Air Pollution and Health, 2017

2017 Estimating national dioxins and furans emissions, major sources, intake doses, and temporal trends in Iran from 1990-2010

Momeniha, F., Faridi, S., Amini, H., Shamsipour, M., Naddafi, K., Yunesian, M., Niazi, S., Nabizadeh, R., Mahvi, A.H., Mesdaghinia, A., Kashani, H., **Gholampour, A.**, Saeedi, R., Hassanvand, M.S.

Journal of Environmental Health Science and Engineering, 2017

2017 Bioaerosol exposure and circulating biomarkers in a panel of elderly subjects and healthy young adults

Faridi, S., Naddafi, K., Kashani, H., Nabizadeh, R., Alimohammadi, M., Momeniha, F., Faridi, S., Niazi, S., Zare, A., **Gholampour, A.**, Hoseini, M., Pourpak, Z., Hassanvand, M.S., Yunesian, M.

Science of the Total Environment, 2017

2017 Short-term effects of particle size fractions on circulating biomarkers of inflammation in a panel of elderly subjects and healthy young adults

Mohammad Sadegh Hassanvand, Kazem Naddafi, Homa Kashani, Sasan Faridi, Nino Kunzli, Fatemeh Momeni, **Akbar Gholampour**, Zahra Pourpak, Mohammad Hoseini, Masud Yunesian

Environmental Pollution, 2017

2017 Elemental composition of particulate matters around Urmia Lake, Iran

Akbar Gholampour, Ramin Nabizadeh, Mohammad Sadegh Hassanvand, Shahrokh Nazmara & Amir Hossein Mahvi

Toxicological & Environmental Chemistry, 2017

2016 Characterization of particle-bound Polycyclic Aromatic Hydrocarbons (PAH) in urban and suburban sites of Tabriz, Iran

Akbar Gholampour, Ramin Nabizadeh, Mohammad Sadegh Hassanvand, Sasan Faridi, Amir Hossein Mahvi

Journal of Air Pollution and Health , 2016

2015 Characterization and source identification of trace elements in airborne particulates at urban and suburban atmospheres of Tabriz, Iran

Authors: **Gholampour Akbar**, Nabizadeh Ramin, Hassanvand Mohammad Sadegh, Taghipour Hassan, Rafee Mohammad, Alizadeh Zahra, Mahvi Amir Hossein

Environmental Science and Pollution Research, 2015

2015 Characterization of saline dust emission resulted from Urmia Lake drying

Authors: **Akbar Gholampour**, Ramin Nabizadeh, Mohammad Sadegh Hassanvand, Hasan Taghipour, Shahrokh Nazmara, Amir Hossein Mahvi
Journal of Environmental Health Sciences & Engineering, 2015

2015 Characterization of PAHs and metals in indoor/outdoor PM10/PM2.5/PM1 in a retirement home and a school dormitory

Authors: Mohammad Sadegh Hassanvand, Sasan Faridi, Ramin Nabizadeh, Fatemeh Momeniha, **Akbar Gholampour**, Mohammad Arhami, Homa Kashani, Masud Yunesian
Science of the Total Environment, 2015

2015 Indoor/outdoor relationships of bioaerosol concentrations in a retirement home and a school dormitory

Authors: Sasan Faridi, Mohammad Sadegh Hassanvand, Kazem Naddafi, Masud Yunesian, Ramin Nabizadeh, Homa Kashani, **Akbar Gholampour**, Sadegh Niazi
Environmental science and pollution research, 2015

2014 Exposure and health impacts of outdoor particulate matter in two urban and industrialized area of Tabriz, Iran

Authors: **Akbar Gholampour**, Ramin Nabizadeh, Simin Naseri, Masud Yunesian, Hasan Taghipour
Journal of Environmental Health Sciences & Engineering, 2014

2014 Physicochemical Characterization of Ambient Air Particulate Matter in Tabriz, Iran

Authors: **Akbar Gholampour**, Ramin Nabizadeh, Masud Yunesian, Simin Naseri, Hasan Taghipour
Bulletin of Environmental Contamination and Toxicology, 2014

2014 Indoor/outdoor relationships of PM10, PM2.5, and PM1 mass concentrations and their water-soluble ions in a retirement home and a school dormitory

Authors: Mohammad Sadegh Hassanvand, Kazem Naddafi, Sasan Faridi, Mohammad Arhami, Ramin Nabizadeh, Zahra PourpakFatemeh Momeniha, **Akbar Gholampour**, Mahmood Alimohammadi, Gholamreza Goudarzi, Masud Yunesian
Atmospheric Environment, 2014

2014 Determining heavy metals in spent compact fluorescent lamps (CFLs) and their waste management challenges: Some strategies for improving current conditions

Authors: Hassan Taghipour, Zahra Amjad , Mohamad Asghari , **Akbar Gholampour**
Waste Management, 2014

2012 Health Impact Assessment of Air Pollution in Megacity of Tehran, Iran

Authors: Naddafi, K. Hassanvand, MS. Yunesian, M. Momeniha, F. Nabizadeh, R. Faridi, S. **Akbar Gholampour**.
Journal of Environmental Health Science & Engineering, 2012

Publications (Full papers published in peer-reviewed journals):

In Persian (from the most recent):

2016 Ionic Content and Sources Identification of Particulate Matter in the Ambient Air of Tabriz During 2013 to 2014 (in Persian)

Authors: **A Gholampour**, M. S. Hassanvand, R Nabizadeh, Z Alizadeh4, A.H. Mahvi
Iranian Journal of Health & Environment, 2016

2015 Investigation of the ambient particulate matter concentration changes and assessing its health impacts in Tabriz (in Persian)

Authors: **Akbar Gholampour**, R Nabizadeh, M. S. Hassanvand, H Taghipour, S Faridi, A.H. Mahvi
Iranian Journal of Health & Environment, 2015

2007 Enhancement of 2,4-Dichlorophenol Biodegradability by Advanced Oxidation with Fenton Reagent (in Persian)

Authors: **Akbar Gholampour**, Ali Reza Mesdaghinia, Forogh Vaezi, Ramin Nabizadeh, Mehdi Farrokhi, Ghasri A.

Iranian Journal of Health and Environment, 2007

Papers Presented in National & International Conferences (from the most recent)

2017 Evaluation of Microbial and Fungal Contamination of Kleenex and Toilet Papers

Authors: Vahideh Barzgar, **A Gholampour**

2st International and 20th National Conference on Environmental Health, Yazd-Iran

2016 Determination of Microbial Contamination of Patient Care Equipment in Urmia, 2015

Authors: A Biglari, **A Gholampour**

1st International and 19th National Conference on Environmental Health, Tehran-Iran

2016 Investigating the Ionic Content of Particulate Matter around the Urmia Lake

Authors: **A Gholampour**, Gh Haghbahari, M.S Hassanvand, Sh Nazmara, A.H Mahvi

1st International and 19th National Conference on Environmental Health, Tehran-Iran

2016 Associations between PM₁₀/PM_{2.5-10}/PM_{2.5}/PM_{1-2.5}/PM₁ Exposure and Circulating Markers in a Panel of Elderly Subjects and Healthy Young Adults

Authors: M S Hassanvand, M Yunesian, K Naddafi, N Kunzli, H Kashani, S Faridi, F Momeniha, RNabizadeh, **A Gholampour**, A Zare,

1st International and 19th National Conference on Environmental Health, Tehran-Iran

2016 Indoor and Outdoor Relationships of PM₁₀/PM_{2.5}/PM₁ during a Middle Eastern Dust Storm: A Case Study in Tehran

Authors: M.S Hassanvand, S Faridi, K Naddafi, M Yunesian, F Momeniha, R Nabizadeh, **A Gholampour**, M Arhami

1st International and 19th National Conference on Environmental Health, Tehran-Iran

2015 Efficiency of Advanced Post-Treatment in Color and COD Removal from Effluent of Baker's Yeast Wastewater Treatment Plant

Authors: Alizadeh Z , Hassanvand MS , **Gholampour A**

18th National Conference on Environmental Health, Shiraz-Iran

2016 Investigation of bacterial and fungal bio-aerosols concentrations in the indoor and outdoor air of boarding school: A Case Study in Tehran

Authors: S Faridi, M S Hassanvand, K Naddafi, RNabizadeh, **A Gholampour**, M Yunesian,

4th national conference on air and noise pollution management, Sharif University of Technology, Tehran-Iran

2016 Investigation of the amount and variation of water-soluble ions in the ambient air suspended particles in Tabriz

Authors: **Gholampour Akbar**, Nabizadeh Ramin, Alizadeh Zahra, Faridi Sasan, Mahvi Amir Hossein

4th national conference on air and noise pollution management, Sharif University of Technology, Tehran-Iran

2016 Health effects of air pollution in Karaj: A Case Study

Authors: S Faridi, K Naddafi, S Permi, **A Gholampour**, M S Hassanvand

4th national conference on air and noise pollution management, Sharif University of Technology, Tehran-Iran

2015 Investigation of the amount of particulate matter in the ambient of Tabriz and determination of the related health impacts in Tabriz, Iran

Authors: **Akbar Gholampour**, Ramin Nabizadeh, Simin Naseri, Masud Yunesian, Hasan Taghipour

3th national conference on air and noise pollution management, Sharif University of Technology, Tehran-Iran

Books (from the most recent)

2010 Microbiology of solid waste

Translated by: Mohammad rafiee and **Akbar gholampour**

Andisheh Rafie Press. Tehran

2012 Operating large scale membrane bioreactors for municipal wastewater treatment

Translated by: Ali Naghizadeh and **Akbar gholampour**

Avayeh Ghalam Press. Tehran