

Omid Kalatpour

Contact Information

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Academic Rank:

Assistant Professor

Education and Training

<i>2008-2013</i>	<i>Ph.D.</i>	<i>Hamadan University of medical science</i>	<i>Occupational Health</i>
<i>2006-2008</i>	<i>M.Sc.</i>	<i>Tehran University of medical science</i>	<i>Occupational Health</i>
<i>1999- 2001</i>	<i>B.Sc.</i>	<i>Shiraz University of medical science</i>	<i>Occupational Health</i>

Experiences Scientific Position

1. Assistant Professor in Occupational Health

Hamadan University of Medical Sciences, Hamadan, Iran, 2014

Research Interests

- *Emergency Management System*
- *Incident Investigation*
- *Risk Management*
- *Safety Management Systems*

Course Teaching BSc, MSc and PhD

- *Integrated Management Systems (IMS) for, B.Sc. and M.Sc. students*
- *Chemical Safety for B.Sc. students*
- *Fire Safety for B.Sc. students*
- *Human Error and System Safety for M.Sc. students*

- *Safety Management System for PhD students.*

Executive Position

1. ***Executive deputy of Center of Excellence for Occupational Health***

Hamadan University of Medical Sciences, Hamadan, Iran, 2015- To be continued

2. ***Fire and chemical Labs supervisor***

Hamadan University of Medical Sciences, Hamadan, Iran, 2015- To be continued

Thesis Supervisor

1. *Introducing a pattern for developing scenario of emergency situation in Iran's industries and studying the conformity of the scenarios in the process industries with the presented method, Sajad Farhadi, M.Sc. 2015*
2. *Emergency response reliability analysis in Hamadan Besat Hospital, Mina Haseli, 2015*

Books, Farsi

1. *Emergency Management at Workplaces, Fanavaran Publications, Second Edition, 2009*
2. *Encyclopedia of Emergency and Crisis Management System, Fanavaran Publication, 2015*
3. *Incident Command System (ICS), Fanavaran Publication, 2015*
4. *Chemical Incident Management, Fadak Publication, 2016*

Papers English from 2011

1. *A Neural Network Classifier Model for Forecasting Safety Behavior at Workplaces, F Ghasemi, O Kalatpour, A Moghimbeigi, I Mohammadfam, Iranian Journal of Health, Safety and Environment 4 (4), 835-843*
2. *A path analysis model for explaining unsafe behavior in workplaces: the effect of perceived work pressure, F Ghasemi, O Kalatpour, A Moghimbeigi, I Mohhamadfam, International journal of occupational safety and ergonomics, 1-8*

3. *Selecting strategies to reduce high-risk unsafe work behaviors using the safety behavior sampling technique and Bayesian network analysis*, F Ghasemi, O Kalatpour, A Moghimbeigi, I Mohammadfam, *Journal of Research in Health Sciences* 17 (1)
4. *The effect of artificial smoke compound on physiological responses, cognitive functions and work performance during firefighting activities in a smoke-diving room: an intervention study*, R Hemmatjo, M Motamedzade, M Aliabadi, O Kalatpour, M Farhadian, *International journal of occupational safety and ergonomics*, 1-8
5. *The content analysis of emergency scenarios: thematic survey of the context in the process industries*, O Kalatpour, S Farhadi, *Safety science* 92, 257-261
6. *The Effect of Various Hot Environments on Physiological Responses and Information Processing Performance Following Firefighting Activities in a Smoke-Diving Room*, R Hemmatjo, M Motamedzade, M Aliabadi, O Kalatpour, M Farhadian, *Safety and Health at Work*
7. *Constructing a Bayesian network model for improving safety behavior of employees at workplaces*, I Mohammadfam, F Ghasemi, O Kalatpour, A Moghimbeigi, *Applied ergonomics* 58, 35-47
8. *Determining the appropriate strategies for emergency planning through AHP-SWOT*, O Kalatpour, *Journal of Business Continuity & Emergency Planning* 11 (1), 85-94
9. *The effects of multiple firefighting activities on information processing and work performance in a smoke-diving room: An intervention study*, R Hemmatjo, M Motamedzade, M Aliabadi, O Kalatpour, M Farhadian, *Human Factors and Ergonomics in Manufacturing & Service Industries*
10. *The effect of practical cooling strategies on physiological response and cognitive function during simulated firefighting tasks*, R Hemmatjo, M Motamedzade, M Aliabadi, O Kalatpour, M Farhadian, *Health Promotion Perspectives* 7 (2), 66
11. *Major Accident Prevention through Applying Safety Knowledge Management Approach*, *Journal of Emergency Management*, 2016
12. *A General assessment of Occupational Injuries at Petrochemical Area construction Sites in Iran*, *Caspian Journal of Health Research*, 2016

13. *Developing a Process Equipment Failure Knowledgebase Using Ontology approach for Process Equipment Related Incident Investigation, Journal of Loss Prevention in the Process Industries, 2013*
14. *Technological Emergency Planning through an Ontology Oriented Approach, International Journal of Engineering Research and Applications, 2013*
15. *Developing an Ontological Explosion Knowledge base for Business Continuity Planning Purposes, Journal of Business Continuity & Emergency Planning, 2013*
16. *Determining Proper Strategies for Health, Safety, Security and Environmental (HSSE) Management System, Work Journal, 2013*
17. *Health, Safety and Environmental Risk of a Gas Pipeline in an Oil Exploring Area of Gachsaran, Industrial Health, 2011*

Farsi Papers (in Persian Language)

1. *Introducing a pattern for developing emergency scenarios in industries and studying the conformity of the exercised scenarios in the process industries with the presented pattern, S Farhadi, I Mohammadfam, O Kalatpour, Iran Occupational Health 14 (2), 72-81*
2. *Evaluation of the Emergency Preparedness Level at Training Complex of Hamadan University of Medical Sciences through Using ISO 22399: 2003, S Karimi, O Kalatpour*
3. *Journal of Occupational Hygiene Engineering 3 (4), 0-0*
4. *Comparison Of Usability Of Two Patterns For Developing An Emergency Scenario: Iso 22398 And Homeland Security Exercise Evaluation Program, S Farhadi, I Mohammadfam, O Kalatpour, Journal Of Occupational Hygiene Engineering 3 (1), 8-15*
5. *Determining of the Appropriate Strategy for Protecting the Organizational assets in Crisis Management by AHP-SWOT Approach, Health System Research, 2015*
6. *Developing Emergency Scenario through the Project Management Body of Knowledge Approach, Journal of Occupational Hygiene Engineering, 2015*
7. *Developing a Knowledgebase for Process Accident Investigation, Iran Occupational Health, 2013*

Abstracts and Presentations

*1. Major Accident Prevention through Applying Safety Knowledge Management
Approach, Frankfurt, Germany, 2014*