



Amin Padash

Post-Doctoral Fellowship-Environmental Sustainability

Ph.D. of Environmental Planning

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Education

Jan 2017-Mar2020

Post-Doctoral Fellowship (Environmental Sustainability)

Tarbiat Modares University- Iran National Science Foundation

Green Sustainability (KPI) in Petrochemicals Company

Jan 2013-Feb 2016

PhD of Environmental Planning (Health, Safety and Environment) HSE

University of Tehran- University Honors-First Rank

HSE Key Performance Indicator (KPI) and Strategic Planning based on HSE-MS and Green Industry in Petrochemicals Company

Sep 2005 – Sep 2008

Master of Science in Environmental Management

Science and Research Branch- IAU- University Honors-First Rank

Stepwise strategic environmental management based on SWOT

Sep 2000 – Apr 2005

Bachelor of Natural Resources Engineering- Environment

Arak Branch IAU

Planning, Documentations and Establishment of Environmental Management System (EMS) based on ISO 14001

Leadership Activities and Awards

2012-2016

University Honors, First Rank, University of Tehran-PhD of Environmental Planning (HSE)

2015 – Now

Founder member of the Board of ***Iranian Association of Health, Safety and the Environmental (HSE) Management and Engineering*** (with the permission of the Ministry of Science, Research and Technology)

2015 – Now

Founder and managing director of ***Journal of Health, safety and Environmental Research (JHSER)***

2013 – Now

Founder and managing director of ***Environmental Energy and Economic International Research (EEEIR)***

2009 – Now

Member of Faculty, Academic Centre for Education, Culture and Research, Sharif University Branch

2008-2009

Senior member of committee of the industrial waste in Department of Environment Tehran Province

2005-2007

University Honors, First Rank, Science and Research Branch- IAU –Master of Science Environmental Management

2006-2007

Senior coordinator of **Health, Safety and Environment (HSE) and Integrate Management System (IMS) in National Iranian South Oilfields Company(NISOC)**

Professional Affiliation

Jan 2017-Mar2020

Post-Doctoral Fellowship-Environmental Sustainability- Tarbiat Modares University

July 2016 – Present

President of University of Tehran Environmental Company

June 2015-Present

Founder and Member of the Board of Iranian Association of Health, Safety and Environmental Management and Engineering Association (HSEME)

Jan 2011 – Present

Research Assistant - Department of Environmental and HSE Engineering - Academic Centre for Educational Culture and Research (ACECR) Sharif University Branch.

2010-2012

Senior coordinator of Environmental Impact Assessment (EIA) in sectors covered by the Ministry of Oil, Gas and Petrochemical Plant in Faculty of Environment at University of Tehran

2010-2012

Researcher and trainer for special waste and industrial waste in sectors covered by the Ministry of Industry, Mine and Trade

2006-2007

Senior coordinator of Health, Safety and Environment (HSE) and Integrate Management System (IMS) in National Iranian South Oilfields Company(NISOC)

2006-2008

Management Department of HSE Integrated system for Oil, Gas and Petrochemical based by Arjan Consulting Engineers

Work Experience

Oct 2017- Present

Senior Lecturer of Environment, Health and Safety

IMPSC-Tarbiat Modares University

Senior Lecturer of Environment, Health and Safety at Tarbiat Modares University in Oil and Gas Industry: Implement HSE strategy and Policy for both employees and contractors.

Carry out risk assessments for all activities, location and processes

Held a HSE training course at the project site

Editing and preparation of HSE guidelines

Support field based HSE staff development in their continued HSE employee development.

Established the HSE Knowledge Management System.

Plan the Asset Integrity based on IOGP Guideline.

Supports and promotes safe practices and environmental commitments in alignment with company commitments, policies.

Perform other routine HSE field inspections and attend monthly HSE meetings to make improvement recommendations.

Works with the HSE Analyst and HSE Investigation Team to prepare statistical and investigative reports.

Sep 2017- Mar 2018

Senior Consultant Environmental Impact Assessment and HSE Risk Assessor

Landfill of Sirjan City-Sirjan Municipality

Technical Director Environmental Impact Assessment

Analyze data effectively and carry out desk based studies and site visits when required

Work Experience

Produce Environmental Statement (ES) Chapters, and Non-Technical Summaries
Manage technical specialists in the preparation of ESs.
Chair or participate in team meetings, client briefs and other meetings as and when required.
Preparing the EIA report and EMP
Planning the HSE department based on DOE Regulation for Monitoring

Sep 2014-Sep 2017

Visiting Lecturer

Islamic Azad University

Teaching at University for Master of Science: Management and Engineering in Natural Disasters (floods, earthquakes),

The courses include:

- 1) Organization, Management and Planning
- 2) Principles of the rule of law and environmental law
- 3) Ecological vulnerable ecosystems
- 4) Planning and proactive management
- 5) Environmental degradation and vulnerability to natural disasters
- 6) Occupational safety and risk management
- 7) Principles of Planning and Management
- 8) Theory in crisis management

March 2013- 2014

EIA Man and HSE Risk Assessor

CHABAHAR Petrochemical Zone

Preparing the Environmental Impact Assessment (EIA) report and coordinate with the Department of Environment

Environmental Management Plan (EMP)

HSE Risk Assessment based on HAZOP and EFMEA Study

Environmental Pollution Modelling (Air and Sound)

Planning the HSE department based on DOE Regulation

Aug 2012- Feb 2013

EIA Man and HSE Risk Assessor

MehrPetroKimia Petrochemical Company

Preparing the EIA report and EMP

Planning the HSE department based on DOE Regulation for Monitoring

Feb 2012- July 2012

EIA Man and HSE Risk Assessor

HENGAAM Petrochemical Company

Preparing the EIA report and EMP

Planning the HSE department based on DOE Regulation for Monitoring

2012-2013

Health, Safety and Environmental (HSE) Manager Project

Tehran Municipality of districts 5 and 12

Implement HSE strategy and Policy for both employees and contractors.

Carry out risk assessments for all activities, location and processes

Held a HSE training course at the project site

Editing and preparation of HSE guidelines

Support field based HSE staff development in their continued HSE employee development.

Work Experience

Established the HSE Knowledge Management System.
Plan the Asset Integrity based on IOGP Guideline.
Supports and promotes safe practices and environmental commitments in alignment with company commitments, policies.
Perform other routine HSE field inspections and attend monthly HSE meetings to make improvement recommendations.
Works with the HSE Analyst and HSE Investigation Team to prepare statistical and investigative reports.
Support HSE process knowledge and relationships with key engineering and technical maintenance leaders.
HSE Risk assessment planning and acting in all field of the work.
Develop, perform and manage the field HSE audit process.
Cooperatively works with Client and Industry Health, Occupational Safety and Environmental organizations in areas of mutual interest for Safety.
Monitor the reporting of HSE indicators (KPI).
Analyze the site risks and bring solutions to improve the working conditions; the level of industrial safety; and respect of the environment.
Acts on behalf of the upstream HSE director, as assigned, to advise the HSS&E staff and Company stakeholders through special HSE subject matter expertise and knowledge on HSE program and policy

2011-2013

Health, Safety and Environmental (HSE) Officer and Trainer Project

South Zagros Oil and Gas Company

Implementation of operational programs for industries and dangerous waste Management System.
Implement HSE Solution for oil and gas field.
Setup and Conduct the especial workshops based on HSE and Waste management.

2011-2013

Health, Safety and Environmental (HSE) Manager Project

Tehran Municipality of districts 7 and 3

Implement HSE strategy and Policy for both employees and contractors.
Support field based HSE staff development in their continued HSE employee development.
Established the HSE Knowledge Management System.
Plan the Asset Integrity based on IOGP Guideline.
Supports and promotes safe practices and environmental commitments in alignment with company commitments, policies.
Perform other routine HSE field inspections and attend monthly HSE meetings to make improvement recommendations.
Works with the HSE Analyst and HSE Investigation Team to prepare statistical and investigative reports.
Support HSE process knowledge and relationships with key engineering and technical maintenance leaders.
HSE Risk assessment planning and acting in all field of the work.

Work Experience

Develop, perform and manage the field HSE audit process.

Cooperatively works with Client and Industry Health, Occupational Safety and Environmental organizations in areas of mutual interest for Safety.

Monitor the reporting of HSE indicators (KPI).

Analyze the site risks and bring solutions to improve the working conditions; the level of industrial safety; and respect of the environment.

Acts on behalf of the upstream HSE director, as assigned, to advise the HSS&E staff and Company stakeholders through special HSE subject matter expertise and knowledge on HSE program and policy

2012-2013

EIA Man and HSE Risk Assessor

DAMAVAND Petrochemical Zone

Preparing the EIA report and coordinate with the Department of Environment.

HSE Risk Assessment based on EFMEA.

Planning the HSE department, HSE Educational programme and HSE Job Description based on DOE Regulation.

2011-2013

EIA Man and HSE Risk Assessor

Tehran Park-1001 Cities

Preparing the EIA report and coordinate with the Department of Environment.

HSE Risk Assessment based on EFMEA.

Planning the HSE department, HSE Educational programme and HSE Job Description based on DOE Regulation.

2010-2011

Senior Coordinator for Energy Modelling

SHMASABAD Industrial Complex

Introduction to energy modeling

Describe the role of energy, sustainability, the current state of the natural environment and the concept of industrial metabolism

Using Energy Modeling to Increase Project Value

Classification of Energy Models

Describe an energy assessment, energy equipment and sustainable materials.

2010-2011

Environmental Management Planning

ISLAMSHAHR Industrial Complex

Preparing the EIA report and coordinate with the Department of Environment.

HSE Risk Assessment based on EFMEA.

Planning the HSE department, HSE Educational programme and HSE Job Description based on DOE Regulation.

2009-2010

Senior Coordinator for EIA Technical-Educational Workshop

National Iranian Oil Products Refining & Distribution Company(NIORDC)

Definition of educational content

Holding the training course such as : HSE-MS, Environmental Risk Assessment (ERA), Scoping and Screening in EIA, Framework of EMP AND HSE structure in EIA

Work Experience

- 2008** **Senior Analyst of Environmental Factors in HSE-MS**
ESFARAYEN Industrial Complex
Environmental Impact Analysis
HSE Risk Assessment
Emergency response plans
Developing an educational program of action on crisis
Developing an emergency preparedness guide
- 2007-2008** **Manager Leader for Planning & Establishment Of EMS**
Municipality Of Tehran-Region 12
Developing and monitoring EMS objectives and targets for project
Maintaining, implementing, improving and auditing EMS management system of the company.
Implementation of EMS plans to ensure optimum minimization of the above and compliance to policies, standards and procedures.
Inspect or evaluate workplace environment, equipment or practices to ensure compliance with safety standards and government regulation
Carry out risk assessments for all activates, location and processes
Held a EMS and Internal Auditing training course at the project site
Editing and preparation of EMS guidelines
Conducting Environmental aspect assessments for manufacturing processes and equipment and maintaining a current and clear status of any actions required to mitigate unacceptable risks.
- 2007** **Senior Analyst of Physico -Chemistry Section for EIA and Project Coordinator**
Folad Jafari Industrial Complex
Preparing the EIA report and coordinate with the Department of Environment.
HSE Risk Assessment based on EFMEA.
Planning the HSE department, HSE Educational programme and HSE Job Description based on DOE Regulation.
- 2006-2007** **Senior Coordinator for Quality Assurance & Integrated Management System (QA/IMS) and Health, Safety and Environment (HSE)**
NATIONAL IRANIAN SOUTH OIL COMPANY (NISOC)
Developing and monitoring HSE objectives and targets for project
Maintaining, implementing, improving and auditing HSE management system of the company.
Implementation of HSE plans to ensure optimum minimization of the above and compliance to policies, standards and procedures.
Inspect or evaluate workplace environment, equipment or practices to ensure compliance with safety standards and government regulation
Carry out risk assessments for all activates, location and processes
Held a HSE training course at the project site

Work Experience

Editing and preparation of HSE guidelines

Acting as the on-site health, safety & environmental facilitator for elevator installation.

Conducting risk assessments for manufacturing processes and equipment and maintaining a current and clear status of any actions required to mitigate unacceptable risks.

Establishing and maintaining continuity plans that identify people, equipment and processes that are critical to the business.

Leads aspects of the company's safety culture and demonstrates a commitment to an injury-free environment through individual actions and mentoring others.

Supports and promotes safe practices and environmental commitments in alignment with company commitments, policies, and compliance requirements.

Lead field based HSE employees who work on a rotation basis in support of site manager.

Support field based HSE staff development in their continued HSE employee development

Makes regular sites visits and field inspections with the field based HSE staff to facilities and yard construction activities.

Perform other routine HSE field inspections and attend monthly HSE meetings to make improvement recommendations, review operations, maintenance and construction safe work practices ensure HSE performance targets are met.

Monitor daily field activities for compliance with company policies and all applicable regulatory requirements; for example, OSHA and various drilling requirements.

Develop, perform and manage the field HSE audit process (scheduled and/or as needed) including responsibility to manage the recordkeeping of HSE audits.

Develop and build relationships with our client's HSE Managers.

2004-2005

Senior Consultant of Manager for HSE-MS and ISO 15161-Health System

Mehriz Industrial Bread Complex

Developing and monitoring HSE objectives and targets for project

Maintaining, implementing, improving and auditing HSE management system of the company.

Implementation of HSE plans to ensure optimum minimization of the above and compliance to policies, standards and procedures.

Inspect or evaluate workplace environment, equipment or practices to ensure compliance with safety standards and government regulation.

Carry out risk assessments for all activates, location and processes.

Held a HSE training course at the project site.

Editing and preparation of HSE guidelines.

Acting as the on-site health, safety & environmental facilitator for elevator installation.

Conducting risk assessments for manufacturing processes and equipment and maintaining a current and clear status of any actions required to mitigate unacceptable risks.

Establishing and maintaining continuity plans that identify people, equipment and processes that are critical to the business.

Facilitate audits by operations leaders and external agencies to support continuous improvement in risk reduction and site safety.

2002-2003

Manager Leader for Planning & Establishment of EMS and Supervisor of EMS

Work Experience

GREENWAVE Pub. Co

Developing and monitoring EMS objectives and targets for project

Maintaining, implementing, improving and auditing EMS management system of the company.

Implementation of EMS plans to ensure optimum minimization of the above and compliance to policies, standards and procedures.

Inspect or evaluate workplace environment, equipment or practices to ensure compliance with safety standards and government regulation

Carry out risk assessments for all activates, location and processes

Held an EMS and Internal Auditing training course at the project site

Editing and preparation of EMS guidelines

Conducting Environmental aspect assessments for manufacturing processes and equipment and maintaining a current and clear status of any actions required to mitigate unacceptable risks.

Educational Experience

<i>June 2015</i>	<i>1) Internal Audit of Health, Safety and Environment Management System (HSE-MS)</i>
<i>June 2015</i>	<i>2) Introduction to Health and Safety</i>
<i>May 2015</i>	<i>3) Effective Implementation of Health, Safety and Environment Management System (HSE-MS)</i>
<i>Jan 2013</i>	<i>4) Understanding the principles and requirements of HSE management system especially the conducting Committee members and top managements</i>
<i>Jan 2013</i>	<i>5) Principles and concepts of health, safety and environment (HSE)</i>
<i>Jan 2013</i>	<i>6) Principles, requirements, documentation and implementation of HSE Management System</i>
<i>Jan 2013</i>	<i>7) Identify hazards and assess health, safety and environmental risks</i>
<i>Jan 2013</i>	<i>8) Internal Audit of HSE Management System Specially for Audit Committee</i>
<i>Jan 2013</i>	<i>9) leading the establishment of HSE Management System</i>
<i>June 2012</i>	<i>10) Identify hazards and assess health, safety and environmental risks</i>
<i>June 2012</i>	<i>11) Principles, requirements, documentation and implementation of HSE Management System</i>
<i>June 2012</i>	<i>12) The investigation of Operations in HSE incidents</i>
<i>June 2012</i>	<i>13) Internal Audit of HSE Management System Specially for Audit Committee</i>
<i>Jan 2012</i>	<i>14) Introduction to ISO 14001:2004 Principles and requirements</i>
<i>Jan 2012</i>	<i>15) Training course on Waste Management action plan</i>
<i>Jan 2012</i>	<i>16) Training course on identify the harmful physical factors with an emphasis on ergonomics</i>
<i>Jan 2012</i>	<i>17) Introduction on Occupational health and Safety in work</i>
<i>Sep 2011</i>	<i>18) Identify hazards and assess health, safety and environmental risks</i>
<i>Sep 2011</i>	<i>19) Identification and assessment of environmental aspects</i>
<i>Sep 2011</i>	<i>20) Introduction to Health, Safety and Environment Management System (HSE-MS)</i>
<i>Sep 2011</i>	<i>21) Implementation and Management of Waste Management System</i>
<i>Sep 2011</i>	<i>22) Legal principles and rules of industrial waste</i>
<i>Sep 2011</i>	<i>23) Industrial Waste Management System</i>
<i>March 2011</i>	<i>24) Industrial Waste Management System</i>
<i>March 2010</i>	<i>25) Foundations of environment and ecology for school health educators</i>
<i>Feb 2010</i>	<i>26) Training courses and practical workshops principles of Environmental Health in fishing ports and fishing</i>
<i>Feb 2009</i>	<i>27) Practical workshop Introduction to environmental pollutants (water, soil, air, noise and solid waste)</i>

Educational Experience

<i>Jan 2009</i>	<i>28) Practical workshops to design and deploy EMS: ISO14001: 2004</i>
<i>Dec 2008</i>	<i>29) Identification and assessment of environmental aspects based on FMEA</i>
<i>Oct 2008</i>	<i>30) Principles, requirements and Audits of EMS: ISO14001: 2004</i>
<i>June 2008</i>	<i>31) Principles, requirements and Audits of EMS: ISO14001: 2004 for Managers</i>
<i>June 2008</i>	<i>32) Internal Audits of EMS: ISO14001: 2004</i>
<i>June 2008</i>	<i>33) Familiarity with the procedures, instructions and planning documentation system ISO 14001</i>
<i>June 2008</i>	<i>34) Identification and assessment of environmental aspects in EMS framework</i>
<i>Feb 2008</i>	<i>35) Introduction to Health, Safety and Environment in Engineering, Procurement and Construction (HSE-EPC)</i>
<i>Feb 2008</i>	<i>36) Introduction to Health, Safety and Environment in Engineering, Procurement and Construction (HSE-EPC) in Oil and Gas and Petrochemical industry</i>
<i>Sep 2007</i>	<i>37) Introduction to application Failure Modes and Effects Analysis (FMEA) to assess and manage environmental risk</i>
<i>Oct 2006</i>	<i>38) Principles, explaining the requirements of planning the documentation system and internal audit of health, safety and environment management system HSE-MS</i>
<i>July 2006</i>	<i>39) Practical workshops to design and deploy EMS: ISO14001: 2004</i>
<i>July 2006</i>	<i>40) Orientation course with the principles and requirements of occupational health and safety OHSAS18001: 1999</i>
<i>July 2006</i>	<i>41) Internal Audits of EMS: ISO14001: 2004</i>
<i>Oct 2004</i>	<i>42) Fundamentals, requirements and internal audit health management system based on ISO 15161</i>
<i>Sep 2003</i>	<i>43) Practical workshops to design and implementation of EMS: ISO14001: 2004</i>
<i>Sep 2003</i>	<i>44) Introducing Learn how to design, develop, deployment of environmental management system in order to receive certification</i>
<i>Sep 2003</i>	<i>45) Orientation course with the principles and requirements of occupational health and safety OHSAS18001: 1999</i>
<i>Dec 2003</i>	<i>46) Introduction to principles and requirements of Health, Safety and Environment (HSE-MS)</i>
<i>Dec 2003</i>	<i>47) Introduction to planning, implementation and deployment of Health, Safety (HSE-MS)</i>
<i>March 2004</i>	<i>48) Principles, explaining the requirements of planning the documentation system and internal audit of Integrated Management System (IMS)</i>
<i>March 2004</i>	<i>49) Introduction to application Failure Modes and Effects Analysis (FMEA) to assess and manage environmental risk</i>

Teaching Experience

Semester 2- 2021-2022	1) Health, Safety and Environment (HSE)	University of Applied Science- Bachelor's Degree
Semester 1- 2016-2017	2) Knowledge of the environment (2 units)	University of Tehran - Bachelor's Degree in Environmental Engineering - Energy and Environment
	3) Environmental pollution (3 units)	
Semester 1- 2014-2015	4) Man and Environment (3 credits)	B.Sc. Environmental Studies
	5) Organization, Management and Planning (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	6) Hydrology (3 credits)	B.Sc. Environmental Studies
Semester 2- 2014-2015	7) Principles of the rule of law and environmental law (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	8) Ecological vulnerable ecosystems in Iran (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	9) Planning and proactive management (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	10) Air and Climate Studies (3 credits)	B.Sc. Environmental Studies
Semester 3- 2014-2015	11) Promote and education of natural resources (2 credits)	B.Sc. Environmental Studies
Semester 1- 2015-2016	12) Environmental degradation and vulnerability to natural disasters (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	13) Seminars (1 credit)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	14) Principles of Planning and Management (2 credits)	M. Sc. Environmental Management
	15) Occupational safety and risk management (3 credits)	M. Sc. Health, Safety and Environmental Management (HSE)
	16) Theory in crisis management (2 units)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
Semester 2- 2015-2016	17) Ecological vulnerable ecosystems in Iran (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)

Teaching Experience

	18) Planning and proactive management (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	19) Aerial photos (2 units)	B.Sc. Environmental Studies
	20) Aerial photos (2 units)	B.Sc. Environmental Studies
	21) Occupational safety and risk management (3 credits)	M. Sc. Health, Safety and Environmental Management (HSE)
	22) Cartography (2 credits)	B.Sc. Environmental Studies
Semester 3-2015-2016	23) Remote Sensing (2 credits)	M. Sc. Environmental Pollution
	24) Hydrology (3 credits)	B.Sc. Environmental Studies
Semester 1-2016-2017	25) Environmental degradation and vulnerability to natural disasters (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	26) Planning and management of emergency (crisis)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	27) Planning and proactive management (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)
	28) Ecological vulnerable ecosystems in Iran (2 credits)	M. Sc. Management and Engineering in Natural Disasters (floods, earthquakes)

Published Articles

ISI and JCR Journal Articles

- 1) Hesamadin Jafari Nodoushan, **Amin Padash**, Aliakbar Jafari nadoushan [Modeling of Industrial Strategy Based on Sustainable Development Approaches](https://link.springer.com/article/10.1007/s41742-022-00406-9)
<https://link.springer.com/article/10.1007/s41742-022-00406-9>
International Journal of Environmental Research (ISI)
Year: 2022 | Volume: 16
/ Issue: 03 | Page No. 1-20
- 2) MH. BagherzadehKouhbanani, M. Ramezani M., **Amin Padash** [The Progressive Trail of Environmental-Concerned Urban Planning from Growth to Resilience; an Analytical Overview](http://www.eeer.ir/article_140758.html)
http://www.eeer.ir/article_140758.html
Environmental Energy and Economic Research (EEER) Year: 2022 |
Volume: 6 | Issue: 2 | pp.: 1-15.
- 3) M. Khazaei, M. Ramezani, **Amin Padash**, D.DeTombe [Creating shared value to redesigning IT-service products using SYRCS; Diagnosing and tackling complex problems](https://link.springer.com/article/10.1007/s10257-021-00525-4)
<https://link.springer.com/article/10.1007/s10257-021-00525-4>
Information Systems and e-Business Management (ISI)
Year: 2021 | Volume: 21
/ Issue: 11 | Page No. 1620-1645
- 4) **Amin Padash**, H. Vahidi, R.Fattahi, H.Nematollahi, [Analyzing and Evaluating Industrial Ecology Development Model in Iran Using FAHP-DPSIR](https://link.springer.com/article/10.1007/s41742-021-00335-z)
<https://link.springer.com/article/10.1007/s41742-021-00335-z>
International Journal of Environmental Research (ISI)
Year: 2021 | Volume: 15
/ Issue: 10 | Page No. 615-629
- 5) **Amin Padash**, Ali RajabzadehGhatari, [Toward an Innovative Green Strategic Formulation Methodology: Empowerment of corporate social, health, safety and environment.](https://www.sciencedirect.com/science/article/pii/S0959652620311227)
<https://www.sciencedirect.com/science/article/pii/S0959652620311227>
Journal of Cleaner Production (ISI-JCR)
Year: 2020 | Volume: 261
/ pp.: 267-273.
- 6) **Amin Padash**, Sadaf Ataee [Prioritization of Environmental Sensitive Spots in Studies of Environmental Impact Assessment to Select the Preferred Option, Based on AHP and GIS Compound in the Gas Pipeline](https://jpoll.ut.ac.ir/article_70795.html)
https://jpoll.ut.ac.ir/article_70795.html
Pollution Year: 2019 |
Volume: 5 | Issue: 3 | pp.: 671-685.
- 7) H. Vahidi; H. Nematollahi; **Amin Padash** [Comparison of Rural Solid Waste Management in Two Central Provinces of Iran](http://www.eeer.ir/article_47246.html)
http://www.eeer.ir/article_47246.html
Environmental Energy and Economic Research (EEER) Year: 2017 |
Volume: 1 | Issue: 2 | pp.: 195-206.
- 8) **Amin Padash** [Modeling of Environmental Impact Assessment Based on RIAM and TOPSIS for Desalination and Operating Units](http://www.eeer.ir/article_46458.html)
http://www.eeer.ir/article_46458.html
Environmental Energy and Economic Research (EEER) Year: 2017 |

Published Articles

- 9) Mohammad Javad Mohammadi-Zadeh, Abdolreza karbassi, Gholamreza Nabi Bidhendi, Majid Abbaspour, **Amin Padash**, **Functions and Curves Analysis of Air Indicators Pollutant Emission in Transport Sector of Tehran**.
<http://www.transylvanianreview.org/index.php/Trr/article/view/1026>
- 10) **Amin Padash**, Gh. Nabi Bidhendi, Hassan Hoveidi, Mojtaba Ardestani, **Developing a Green Strategic Management Model with regarding Health, Safety and Environmental Management System (HSE-MS)**.
<http://www.medwelljournals.com/abstract/?doi=jeasci.2016.267.273>
- 11) **Amin Padash**, Gh. Nabi Bidhendi, Hassan Hoveidi, Mojtaba Ardestani, **Green strategy management framework towards sustainable development**.
<http://bcc.bas.bg/>
- 12) **Padash, A.**, Jozi, S.A., Nabavi, S.M.B. and Dehzad, B., **Stepwise strategic environmental management in marine protected area**. DOI: [10.7508/gjesm.2016.01.006](https://doi.org/10.7508/gjesm.2016.01.006)
- 13) Delaram Sikaroudi; **Amin Padash**; Narges Zaredar: 2013. **Unilateral interaction of human with nature in desert biome- a dilemma**.
www.aensiweb.com/old/GJBSM/2013/116-120.pdf
- 14) Atekeh Zahirian, **Amin Padash**, and etc: March, 2012. **Wetland Zoning to Establish Land Conservation Using MCE Method (Case Study: Parishan Wetland, Iran)**.
<http://www.aensiweb.com/aeb/2012/931-939.pdf>

Volume: 1 | Issue: 1 | pp.: 75-88.

Transylvanian Review. (JCR)

Year: 2016 | Volume: 24 | Issue: 10 | pp.: 267-273.

Journal of Engineering and Applied Sciences. (ISI-ISC)

Year: 2016 | Volume: 11 | Issue: 2 | pp.: 267-273.

Bulgarian Chemical Communications, (JCR)

Special Edition D, 2015(8). pp: 261-270.

Global Journal of Environmental Science and Management, (ISI-JCR) 2016. 2(1), pp.49-60.

Global Journal Of Biodiversity Science And Management (ISI)

Volume 3, Number 2, 3(2): 116-120, 2013

Advances in Environmental Biology

AEB (ISI) Volume 6, Number 3, 6(3): 931-939, 2012

International Conference

- 1) Moein Khazaei, Mohammad Ramezani, **Amin Padash**, Dorien DeTombe, 2022 " **The quantification role of BWM in problem structuring methods: SYRCS methodology**", Advances in Best-Worst Method: Proceedings of the Second International Workshop on Best-Worst Method (BWM2021), Netherland
BWM 2021: [Advances in Best-Worst Method](#) pp 252-271

Netherland, 2021

Published Articles

- 2) Fatemeh dirakvand, **Amin Padash**, 2016 (July) **"Analysis of soil ecosystem (Soil, Soil erosion and ways to deal with Soil erosion)"**, 7th International Conference on Economics and Management, Sweden
Sweden, 2016
- 3) Fatemeh dirakvand, **Amin Padash**, 2016 (July) **"Analysis crisis management in dorud town (case report)"** 7th International Conference on Economics and Management, Sweden
Sweden, 2016
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Iran, Ahwaz, DOE Ahwaz and IAU-SRB, 2008
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- 7) **"Laboratory deploying fire safety and emergency response to offshore industries"**, the 2nd Conference on offshore industries and presence in global markets, 3-5 July 2007, Sharif University of Technology, Institute of Technology Sharif University of Technology.
Iran, Tehran, Sharif University of Technology, 2007
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Iran, Kerman, 2007
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Iran, Shiraz, 2006
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Iran, Tehran, Iranian Association Chemical Engineering, 2004

Research Project

- 1) The director of the research project "**Assessment of the environmental impact of marginalization in Tehran 19th District**"
University of Tehran, 2015
- 2) Research Project Manager " **Project of recycling the water in the District 21 Tehran**"
University of Tehran, 2015
- 3) Research Associate "**Environmental assessment and monitoring of District 13 of Tehran Municipality**"
University of Tehran, 2015
- 4) The director of the research project "**Project guidelines of how to support the recycling of electrical and electronic waste, especially waste**"
ACECR- Sharif University of Technology and Department of Environment, Yazd province
ACECR- Sharif University of Technology, 2012
- 5) Research Associate "**Feasibility plan for certified residual waste inspectors through the management master plan of the country.**"
University of Tehran and Department of Environment, Yazd province
University of Tehran, 2012
- 6) Project Manager "**Environmental impact assessment (EIA) entertainment complex, tourism, commercial, residential city in 1001**"
Faculty of Environment, University of Tehran.
University of Tehran, 2009-2012
- 7) Research Associate of "**Master plan for air pollution in Tehran**"
ACECR- Sharif University of Technology, Tehran Province Department of Environment
University of Tehran, 2010
- 8) Research Associate of "**Providing educational programs and awareness of air pollution in Tehran**"
ACECR- Sharif University of Technology, Tehran Province Department of Environment
University of Tehran, 2010
- 9) Project Manager "**Analysis of the functions of mangrove forests**"
Sustainable Development Co. - Department of Environment
Iran, Ahwaz, 2007
- 10) Project Manager "**Research and feasibility study of Health, Safety and Environment management system (HSE-MS)**"
Deputy research of MEHRIZ industrial bread factories
Iran, Ahwaz, 2006

Books

Amin Padash	2016	Environmental Economy (Principle, Fundamental and application)	<i>ACECR- Sharif University of Technology</i>
Amin Padash, D. Jaras, M. Shahidi	2015	Practical Guide to Strategic Environmental Assessment	<i>ACECR- Sharif University of Technology</i>
S.A.Jozi	2015	Ecological Risk Assessment	<i>Wetland Publisher</i>
Amin Padash			
Amin Padash, D. Jaras, M. Shahidi	2015	<i>Strategic assessment guidelines</i>	<i>Noandishan Amin International Institute</i>
H. Hoveidi	2014	<i>Health, Safety and Environment Management System (HSE-MS)</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Personal Protective Equipment (PPE)</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Principles of Ergonomics</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Principles and fundamentals of fire</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Material Safety Data Sheet</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Harmful factors at work</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Stress at work and its management</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Dictionary and terminology management system for health, safety and environment</i>	<i>Natural Disaster Engineering University</i>
Amin Padash			
H. Hoveidi	2014	<i>Guide Asset Integrity in Health, Safety and Environment Management System</i>	<i>Avaye Ghalam</i>
Amin Padash			
M.Alizadeh	2010	<i>Industrial Waste</i>	<i>Department of Environment, Tehran Province</i>
Amin Padash			
Amin Padash M.Alizadeh	2010	<i>Medical Waste</i>	<i>Department of Environment, Tehran Province</i>
S.M.B. Nabavi B.Behrozi Rad Amin Padash	2010	<i>Atlas of Birds and mammals Khuzestan province</i>	<i>Department of Environment, Khuzestan province</i>

Books

S.A.Jozi Amin Padash	۱۳۸۹	<i>Health, Safety and Environment Management System (HSE-MS)</i>	<i>Kavosh Ghalam</i>
Amin Padash and team workers	2004	<i>Environmental Activity of Government</i>	<i>Department of Environment, Green Wave Publisher</i>
M.Mazaheri (Editor: Amin Padash)	2004	<i>Biosafety in Microbial Biotechnology</i>	<i>Department of Environment, Green Wave Publisher</i>
Amin Padash and team workers	2004	<i>Biosafety in Food Biotechnology</i>	<i>Department of Environment, Green Wave Publisher</i>
B. Dehzad (Editor: Amin Padash)	2002	<i>Man and Biosphere</i>	<i>Green Wave Publisher</i>

Awards Received

International Center of Academic Communication (ICOAC)	<i>HSE Strategy Key note speakers</i>	June 2015
HSE office of the Ministry of Industry, Mine and Trade	<i>Research and Education in Industrial Waste</i>	11 June 2013
Graduate Faculty of Environment, University of Tehran	<i>Establishment of EMS (ISO 14001)</i>	Aug. 2008
National Iranian South Oilfields Company (NISOC)-Department of IMS	<i>Operating of Integrated Management System (IMS)</i>	19 Aug. 2008
Municipality of region 12	<i>Conduct 4 effectiveness Courses</i>	Aug. 2008
Municipality of region 12	<i>Good performance in the establishment of environmental management system ISO 14001 in 12 Tehran Municipality</i>	Aug. 2008
Municipality of region 12	<i>Effectiveness action of internal audit ISO 14001 environmental management system in 12 Tehran Municipality</i>	Aug. 2008
SHEED Sustainability Co.	<i>Conduct effectiveness HSE-EPC Course</i>	4 Feb 2008
MEHRIZ Whole-Wheat Bread Bakery Industry	<i>Receive the Green Industry Awards (GIA) from the Department of Environment of Iran.</i>	26 Nov 2007
National Iranian Copper Industries Company	<i>Scientific presentations in the field of HSE in Sarcheshmeh Copper Complex</i>	28 Oct 2007
SHEED Sustainability Co.	<i>Conduct effectiveness FMEA Course</i>	28 Aug. 2007
SHEED Sustainability Co.	<i>Conduct effectiveness HSE-MS Course</i>	10 Nov 2006
MEHRIZ Whole-Wheat Bread Bakery Industry	<i>Conduct effectiveness ISO 15161 Course</i>	28 Sep 2006
Energy Research Institute of Planning and Management - University of Tehran	<i>Scientific Speaking in Conference</i>	20-21 June 2006
Mayor of Tehran	<i>Scientific Speaking in Conference</i>	22 April 2006
MEHRIZ Whole-Wheat Bread Bakery Industry	<i>Conduct effectiveness HSE Documentation Course</i>	16 Oct 2004
MEHRIZ Whole-Wheat Bread Bakery Industry	<i>Good performance in the establishment of ISO 15161</i>	16 Oct 2004
Iranian Association of Chemical Engineering	<i>Scientific Speaking in Conference</i>	13-15 June 2004
SHEED Sustainability Co.	<i>Conduct 3 effectiveness Courses</i>	12 March 2004

Awards Received

Association of environmental experts Ahwaz	<i>Conduct 3 effectiveness Courses</i>	5 March 2004
Association of environmental experts Ahwaz	<i>Conduct 2 effectiveness Courses</i>	March 2004
Green Wave Magazine	<i>Conduct Environmental Green Gallery</i>	15 Dec 2003
Association of environmental experts Ahwaz	<i>Conduct effectiveness HSE-MS Course</i>	6 Dec 2003

Membership in Scientific Association

Founding member of the Board of <i>Iranian Association of Health, Safety and Environment Management and Engineering</i> , (IRHSEME)	2015-Now
Member of <i>International Association of Oil experts</i> (SPE)	2008-Now
<i>Natural Resources Engineering Organization</i> of the Islamic Republic of Iran	2005-Now
Member of <i>Remote Sensing Association of Iran</i>	2005-Now
Member of Iranian Environmental Assessment Association (IREIA)	2003-Now
Member of Iranian Association of Environmental Experts (IRSEN)	2002-Now

Volunteers Activity

Iranian Society of Environmentalists	<i>Secretary of the Iranian Society of Environmentalists</i>	Iran-Tehran-2008-2009
UNDP / GEF Green Front of Iran	<i>Empowerment Project executive director of the local communities in the conservation of mangrove forests - Guater</i>	Iran-Chabahar- June 2006
UNDP / GEF with BoomPajihan Iranian Association	<i>Project planning and writing projects Kharturan empowerment of local communities in the conservation of Asiatic Cheetah</i>	Iran-Tehran-2004-2005
UNDP / GEF with Blue Peace Iranian Association and Department of Environment (DOE)	<i>Fellow empowerment project on biosafety</i>	Iran-Tehran-2004-2005
Blue Peace Iranian Association	<i>Chairman of the Board of Blue Peace Iranian Association</i>	Iran-Tehran-2004-2005
BoomPajihan Iranian Association	<i>Managing Editor of the BoomName Magazine</i>	Iran-Tehran-2004-2003

Amin Padash

Postdoctoral of HSE Strategies in the Oil, Gas and Petrochemical Industries

Ph.D. of Environmental Planning (Health, Safety and Environment)

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Volunteers Activity

***Environmental Engineers
Iranian Association***

***Chairman of the Board of BoomPajihan
Iranian Association***

**Iran-Tehran-2004-
2003**

***Vice Chairman of the Board of
Environmental Engineers Iranian
Association***

**Iran-Tehran-2004-
2003**

References

Are available upon request