



Mohammad Hosein Sadeghzadeh Hallaj

Forest Research Expert

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Marital Status: Married

Phone: 02144787282-5

Military Service: Served

Address: Research Institute of Forests and Rangelands, Tehran, Iran

Profile Summary

Having experience in the field of forestry plans, agroforestry, afforestations and forest parks, author of several research projects in the field of forest, interested in the topics of research method and statistical analysis.

Skills

Linux

Google Earth

Statistical Analysis

Minitab

SPSS

R

office & internet

Education

Bachelor of Natural Resources

Branch: Forestry

Institute/University: Gorgan University of Agricultural Sciences

and Natural Resources

Gorgan, Golestan, Iran

1997 - 2001

GPA: 14.90

Master of Forestry

Institute/University: Gorgan University of Agricultural Sciences

and Natural Resources

Gorgan, Golestan, Iran

2002 - 2004

GPA: 17.83

Postdoc in Forest Sciences

Branch: Silviculture and Forest Ecology

Institute/University: Gorgan University of Agricultural Sciences

and Natural Resources

Gorgan, Golestan, Iran

2012 - 2016

GPA: 18.73

Work Experience

Forest Engineer of Forest Office

Head office of Natural Resources and Watershed Management
of Fars Province
Shiraz, Fars, Iran

December 2005 - December 2008

Research Expert

Research Institute of Forests and Rangelands
Tehran, Iran

December 2008 - Present

Language

English



Certificates

MSRT

Institute: Ministry of Science, Research and Technology

January 2011

Remote Sensing

Institute: Research Institute of Forests and Rangelands

September 2012

SPSS

Institute: Research Institute of Forests and Rangelands

December 2012

GIS

Institute: Research Institute of Forests and Rangelands

September 2017

Google Earth

Institute: Research Institute of Forests and Rangelands

January 2018

Introduction to Linux

Institute: Linux Foundation

August 2014

Research

Study on growth performance of Turkish pine (Case study: Arabdagh afforestation plan, Golestan province)

Publisher: Iranian Journal of Forest

December 2011

Link: http://www.ijf-isaforestry.ir/article_4654.html

Growth performance of various population of salt cedar in saline-alkaline soils

Publisher: Journal of Wood and Forest Science and Technology

June 2015

Link: http://jwfst.gau.ac.ir/article_2316.html

Three-Year Survey On Growth Performance of Various Salt Cedar Populations On Saline-Alkaline Soils of Iran Central Desert

Publisher: International Poplar Commission

September 2016

Link: www.fao.org/forestry/44124-06988ee5c1bf651c0d0676744fcb844fd.pdf

Gap characteristics under oriental beech forest development stages in Kelardasht forests, northern Iran

Publisher: Journal of Forest Science

September 2017

Link: http://www.agriculturejournals.cz/web/jfs.htm?type=article&id=59_2017-jfs

Investigation some of the Biotic and Abiotic Variables Effective on the Diameter Increment of the Beech Trees at Fixed Sample Plots level by Growth Models

Publisher: Ecology of Iranian Forests

June 2019

Link: <http://ifej.sanru.ac.ir/article-1-245-en.html>

Impacts of soil humidity and shade on growth and biomass allocation of wild pistachio (*Pistacia atlantica* Desf.) saplings

Publisher: Iranian journal of Forest and Poplar Research

June 2016

Link: http://ijfpr.areeo.ac.ir/article_106990.html

Effects of position within gap and relative light intensity on quantitative regeneration attributes of six tree species (Case study: Loveh forest- Golestan province)

Publisher: Iranian journal of Forest and Poplar Research

March 2017

Link: http://ijfpr.areeo.ac.ir/article_109429.html

Shade role in facilitation drought stress symptoms on physiology of mount Atlas mastic (*Pistacia atlantica* Desf.) seedlings

Publisher: Iranian journal of Forest and Poplar Research

September 2017

Link: http://ijfpr.areeo.ac.ir/article_111780.html

Effect of maternal tree phenotype and irrigation on survival and growth of Greek juniper (*Juniperus excelsa* M. B.) seedlings in Sirachal research station

Publisher: Iranian journal of Forest and Poplar Research

December 2017

Link: http://ijfpr.areeo.ac.ir/article_112884.html

Effects of various water storage methods on plantation of Greek juniper (*Juniperus excelsa* M. B.)

Publisher: Iranian journal of Forest and Poplar Research

March 2018

Link: http://ijfpr.areeo.ac.ir/article_113860.html

Effect of artificial shading and soil humidity on allocation of some nutrients in the organs of wild pistachio saplings

Publisher: Iranian journal of Forest and Poplar Research

June 2018

Link: http://www.ijf-isaforestry.ir/article_63564.html

Iranian long-lived cypress (Part one)

Publisher: Iran Nature

September 2018

Link: http://irannature.areeo.ac.ir/article_116782.html

Studying the application of growth promoting rhizobacteria in rehabilitation of oak forests (Case study: Garan research station, Marivan)

Publisher: Iranian Journal of Forest

December 2018

Link: http://www.ijf-isaforestry.ir/article_79995.html

Long lived wild pistachio trees of Iran

Publisher: Iran Nature

June 2019

Link: http://irannature.areeo.ac.ir/article_119037.html

Effect of shade on the leaflet morphology of wild Pistachio sapling under drought stress

Publisher: Iranian Journal of Forest

June 2019

Link: http://www.ijf-isaforestry.ir/article_89239.html

The effect of vegetative form and shading in planting succession of Juniperus excelsa M. Bieb.

Publisher: Iranian Journal of Forest and Poplar Research

September 2019

Link: http://ijfpr.areeo.ac.ir/article_120119_en.html

The effect of canopy and its geographic orientation on seeds germination and survival of Juniperus excelsa seedlings

Publisher: Iranian Journal of Forest

December 2019

Link: http://www.ijf-isaforestry.ir/article_98933.html

Citation analysis of articles in the Iranian Journal of Forest and Poplar Research from 2005 to 2011

Publisher: Iranian Journal of Forest and Poplar Research

December 2019

Link: http://ijfpr.areeo.ac.ir/article_120637.html

Effect of single tree selection system on some of the canopy gap characteristics within Shafaroud beech forests

Publisher: Forest Research and Development

September 2020

Link: http://jfrd.urmia.ac.ir/article_120859.html

The effect of phosphate solubilizing bacteria on growth and nutritional status of oak seedlings

Publisher: Journal of Plant Research

December 2020

Link: http://plant.ijbio.ir/article_1558.html?lang=en

Investigation on gap characteristics in the managed and intact oriental beech (*Fagus orientalis* Lipsky) forests, Iran

Publisher: Iranian Journal of Forest and Poplar Research

December 2020

Link: https://ijfpr.areeo.ac.ir/article_123283.html?lang=en

Gap and stand structural characteristics in a managed and an unmanaged old-growth oriental beech (*Fagus orientalis* Lipsky) forest

Publisher: Forestry: An International Journal of Forest Research

April 2020

Link: <https://academic.oup.com/forestry/advance-article-abstract/doi/10.1093/forestry/cpab019/6231774>

Comparing growth rate, wood fiber biometry, and adaptability of different tamarisk (*Tamarix aphylla* L.) populations planted in Garmsar

Publisher: Iranian Journal of Wood and Paper Science Research

May 2021

Link: https://ijwpr.areeo.ac.ir/article_123353.html?lang=en

Effect of salinity on the vegetative characteristics, biomass and chemical content of red mangrove seedlings in the south of Iran

Publisher: Scintia Forestalis

December 2021

Link: <https://www.ipef.br/publicacoes/scintia/nr132/2318-1222-scifor-49-132-e3748.pdf>

Shade moderates the drought stress on saplings of Benesh (*Pistacia atlantica* Desf. subsp. *mutica*) in semiarid areas of Iran

Publisher: Environmental Science and Pollution Research

March 2022

Link: <https://link.springer.com/article/10.1007/s11356-022-19635-8>

Managed vs. unmanaged *Fagus orientalis* Lipsky forests: Structure and diversity of natural regeneration in northern Iran

Publisher: Journal of Forest Science

August 2022

Link: https://www.agriculturejournals.cz/web/jfs.htm?type=article&id=63_2022-JFS

Preparation and Verification of Poplar Plantation Mapping Using Satellite Data of Sentinel-2 and Ground Data in Zanjan Province

Publisher: Iranian Journal of Remote Sensing & GIS

December 2022

Link: https://gisj.sbu.ac.ir/article_101652.html?lang=en

Quantitative and qualitative characteristics of regeneration in Shafarood managed and unmanaged beech forests

Publisher: Forest Research and Development

December 2022

Link: https://jfrd.urmia.ac.ir/article_121238.html?lang=en

The comparison of pure beech stands using SCI index in the Hyrcanian forests of Iran (Mazandaran province)

Publisher: Iranian Journal of Forest

February 2023

Link: http://www.ijf-isaforestry.ir/article_167626.html?lang=en

Evaluation of changes in the chemical and biological soil properties of Brant's oak (*Quercus brantii* Lindl.) forests in the Chaharmahal and Bakhtiari Province, Iran

Publisher: Iranian Journal of Forest and Poplar Research

June 2023

Link: https://ijfpr.areeo.ac.ir/article_128569.html?lang=en

Comparison of the beech (*Fagus orientalis* Lipsky) saplings characteristics in unmanaged and single tree-selection cutting compartments

Publisher: Iranian Journal of Forest and Poplar Research

September 2023

Link: https://ijfpr.areeo.ac.ir/article_129190.html?lang=en

Projects

study on adaptation and growth performance of various Athel pine genotypes in salin-alkalin soils

For: Research Institute of Forests and Rangelands

Investigation of different water harvesting techniques and rain fed cultivation of forest species in different climate , soil and topography

For: Forests, Ranges and Watershed Management Organization of Iran

The identification, introduction and investigation of habitats, propagation and creation atlas of Iranian old trees in Fars province and introduction of them in national and international scale

For: Research Institute of Forests and Rangelands

The identification, introduction and investigation of habitats, propagation and creation atlas of Iranian old trees in Kohgiluyeh va Boyer-Ahmad province and introduction of them in national and international scale

For: Research Institute of Forests and Rangelands

Estimation of carbon sequestration in Kamfyuz oak Forest of Fars province

For: UNCC

Measuring and monitoring the structure of Zagros forests

For: Research Institute of Forests and Rangelands

Investigation of spatial and temporal dispersion pattern of rehabilitation gaps in Kelardasht natural beech stands

For: Research Institute of Forests and Rangelands

Investigation and monitoring of the characteristics of the gaps in managed and virgin beech stands in order to maintain the sustainability of forest

For: Research Institute of Forests and Rangelands

Citation analysis of published articles in the Iranian Journal of Forest and Poplar Research from 2005 to 2009

For: Research Institute of Forests and Rangelands

Investigation of soil microbial diversity in steppe, semi-steppe and meadow ecosystems (Case study: National Park of Khebr and Rochoun, Kerman province)

For: Research Institute of Forests and Rangelands

Evaluation of Some Biological Indices in Oak forests of Zagros region

For: Research Institute of Forests and Rangelands

Monitoring of forest under management of Zagros forest protection plan (Kuhmara forestry plan)

For: Head Office of Natural Resources and Watershed Management of Fars Province

Monitoring, Mapping and Modelling Changes in Species Richness and Determination of Environmental Factors Affecting It in Mazandaran Provinces Using Artificial Neural Networks and Symbolic Regression

For: Research Institute of Forests and Rangelands

Monitoring of afforestations in Irano-Turanian Region

For: Research Institute of Forests and Rangelands

Isolation and identification of urease producing bacteria from Zagros area in order to evaluate their potential in biocement production

For: Research Institute of Forests and Rangelands

Determining the optimal plantation density of Athel tamarisk in saline-alkali soils

For: Research Institute of Forests and Rangelands

Honors

Award of appreciation due to the work on the development of wood farming in Fars province.

November 2006