

## CURRICULUM VITAE

# Morteza Pourreza

Phone No: 09187294584

Email: pourreza@razi.ac.ir

pourrezam@gmail.com

Online profile: <https://scholar.google.com/citations?user=1GjCeFgAAAAJ&hl=en>

### 1. Personal Details

Date of Birth: September, 1975

Marital Status: Single

Nationality: Iranian

Sex: Male

### 2. Academic Qualification

- 1) B. Sc (Natural resources engineering) Forestry, University of Kurdistan, Iran. 2002
- 2) M. Sc. (Natural resources engineering), Forestry, University of Guilan, Iran. 2004
- 3) Ph.D (Forest ecology), Tarbiat Modares University, Iran. 2014

### 3. Visiting scholar

The Ohio State University, USA

Project: The effect of fire history on soil microbial community

### 4. Full time job experience

- 1) Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2005-2011
- 2) Razi University, Assistant Professor, 2016

## **5. Collaboration in Research Project**

- 1) Thinning effect on the growth of Persian Oak (*Q. persica*) sprout-clumps in Zagros forests, Kermanshah. Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2009
- 2) Acorn crops estimation of Iran`s native oaks using different visual surveys and acorn traps. Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2009
- 3) Thinning effect on the growth of Persian Oak (*Q. persica*) sprout-clumps in Lorestan forests. Lorestan Agricultural and Natural resources Research Center, Lorestan province, Iran. 2009
- 4) Spatial pattern of *Pistacia atlantica* in Ghalaje forest, Kermanshah. Faculty of agriculture and natural resources, Razi University of Kermanshah, Iran, 2009
- 5) Site demands of *Quercus persica* and *Pyrus communis* in Zagros forests. Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2006
- 6) Site demands of *Quercus infectoria* and *Acer cinerascens* in Zagros forests. Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2006
- 7) Thinning effect on the growth of Persian Oak (*Q. persica*) sprout-clumps in Zagros forests, Kermanshah. Kermanshah Agricultural and Natural resources Research Center, Kermanshah province, Iran. 2015 (second phase).
- 8) Investigation of the recovery and positive and negative reactions of different forest tree and shrub species in the recent 10 year of wildfires in Kermanshah province

## **6. Teaching experience from 2011 to 2017**

- 1) Ecology
- 2) Forestry
- 3) Silvicultur
- 4) Land Evaluation
- 5) Soils of arid and semiarid areas
- 6) English language for natural resources student
- 7) Forest and Environment (Master degree students)
- 8) Forest fire management (Master degree)
- 9) Forest protection
- 10) Forest Fire modelling

## 7. Publications

- 1) **Pourreza, M.**, Zangeneh, H., Show, J.D. 2008. Sustainability of Wild pistachio in Zagros forests, Iran. **Journal of Forest Ecology and Management.** 255, 3667-3671.
- 2) **M Pourreza**, H Safari, Y Khodakarami, S Mashayekhi. 2009. Preliminary results of post fire resprouting of manna oak (*Quercus brantii* Lindl.) in the Zagros forests, Kermanshah. Iranian Journal of Forest and Poplar Research Vol. 17 No. 2, 225-236
- 3) Safari, A., Shabaniyan, N., Heydari, RR., Efrfanifard, Y., **Pourreza, M.**, (2010). Spatial pattern of Manna Oak trees (*Quercus brantii* Lindl.) in Bayangan forests of Kermanshah. Iranian Journal of Forest and Poplar Research Vol. 18 No. 4, 596-608
- 4) A Tavakoli, **M Pourreza**, Y Khodakarami. 2011. PRELIMINARY INVESTIGATION ON POSSIBILITY OF ROOTING OF MANNA OAK (*QUERCUS BRANTII* LINDL.) BY LAYERING IN ZAGROS FORESTS. Iranian Journal of Forest and Poplar Research 19 (345), 432-440
- 5) Safari, A., Shabaniyan, N., Heydari, RR., Efrfanifard, Y., **Pourreza, M.**, ( 2011). Investigation of spatial pattern of wild pistachio (*Pistacia atlantica* Desf.) (case study: Bayangan forests, Kermanshah). Iranian Journal of Forest, Vol.2, No.2, 177-185
- 6) **Pourreza, M.**, SM HOSSINI, AA Zohrevandi. 2012. Spatial variations of diameter of *Pistacia atlantica* (Desf.) trees in Zagros area (Case Study: Pirkashan, Kermanshah). JOURNAL OF WOOD AND FOREST SCIENCE AND TECHNOLOGY 19 (3), 1-19
- 7) AA Zohrevandi, TKH Sagheb, **M Pourreza**, Y Khodakarani. (2012) SITE DEMANDS OF MONNA OAK (*QUERCUSBRANTTI*) TREES IN KERMANSHAH PROVINCE. Natural Ecosystems of IRAN 2 (2), 53-62
- 8) **Pourreza, M.**, Hosseini, SM., Safari Sinigani, A.A., Matinizadeh, M., Dick, A.W. 2014. Soil microbial activity in response to fire severity in Zagros oak (*Quercus brantii* Lindl.) forests, Iran, after one year, **Geoderma**, 2103: 95-102
- 9) **Pourreza, M.**, SM Hosseini, AA Safari Sinigani, M Matinizadeh, SJ Alavai. 2014. Herbaceous species diversity in relation to fire severity in Zagros oak forests, Iran. Journal of forestry research 25 (1), 113-120
- 10) **Pourreza, M.**, Hosseini, SM., Safari Sinigani, A.A., Matinizadeh, M., Dick, A.W. 2014. Effect of fire severity on soil macrofauna in Manna Oak Coppice forest. Iranian Journal of Forest and Poplar Research, 21 (454), 729-741.
- 11) Pourhashemi, M., **Pourreza, M.**, Khodakarami, Y., Panahi, P. (2015). Individual and annual variation in acorn production of Brant`s oak (*Quercus brantii* Lindl.) in Darbadam

- Forest of Kermanshah Province. Iranian Journal of Forest and Poplar Research, 23 (2), 246-255
- 12) Aghbash-Ghasemi, F., Hosseini, V., **Pourreza, M.** 2016. Nutrient dynamics and early decomposition rates of *Picea abies* needles in combination with *Fagus orientalis* leaf litter in an exogenous ecosystem. Annals of Forest Research DOI: 10.15287/afr.2015.475
  - 13) Khodakarami, Y., Pourhashemi, M., Khanhasani, M., Safari, H., **Pourreza, M.** (2016). Effect of thinning on growth of oak manna (*Quercus brantii*) sprout- clumps in Kermanshah. Iranian Journal of Forest and Poplar Research, 23: 246-255.
  - 14) Sadeghifar, M., Beheshti Ale Agha, A., Pourreza, M. 2017. The recovery of soil physical and chemical indices in years after fire in Zagros oak woodlands in Kermanshah Province. Journal of Water and Soil Conservation, 24 (2), 289-302. DOI: 10.22069/JWFST.2017.11378.2577
  - 15) Sadeghifar, M., Beheshti Ale Agha, A., Pourreza, M. 2017. Comparing Some Physicochemical and Microbial Indices of Soil in Different Years after Fire in Zagros Forests in Paveh County. Journal of Soil Research, 32 (1), 97-3114. DOI: 10.22092/IJSR.2018.116565
  - 16) Sadeghifar, M., Beheshti Ale Agha, A., Pourreza, M. 2017. Variability of Soil Nutrients and Aggregate Stability in Different Times after Fire in Zagros Forests (Case Study: Paveh Forests). ifej. 2017; 4 (8) :19-27

### **8. Major International Conferences Attended**

- 1) Fire effect on bacterial population in Zagros coppice forests of Persian oak in Kermanshah. The first International Conference on Wildfire in Natural Resources Lands, Gorgan- Iran, 26-28 October, 2011
- 2) Fire effect on plant diversity of Persian oak of Zagros forest, Kermanshah. The first International Conference on Wildfire in Natural Resources Lands, Gorgan- Iran, 26-28 October, 2011
- 3) Investigation of the economical role of Wild pistachio (*Pistacia atlantica*) forest in rural people life in Iran. IUFRO European Congress September 6-8, 2007.

### **9. Familiar with methodologies and software**

- 1) Geospatial Information System (GIS) and Arcgis Software & Qgis
- 2) Geostatistics and GS+ software
- 3) Multivariate Analysis in Ecology with Past, PCord and Canoco software
- 4) Statistical Analysis with SPSS and SAS
- 5) R statistics
- 6) Forest inventory

- 7) Forest structure and spatial pattern
- 8) Soil Sampling methods
- 9) Methods of measuring soil GHG (Green House Gases) in field using static chambers
- 10) Measuring Soil quality indices (physical, chemical and biological)
- 11) Forest fire modeling using Behave Plus and Farsite

#### **10. Collaboration in thesis and dissertation as advisor**

- 1) Investigation of spatial pattern of *Pistacia atlantica* and *Quercus persica* in Zagros forests (Case study: Bayangan forest). For bachelor degree of forestry, student: Amir Safari, University of Kurdistan, 2009.
- 2) The recovery of soil macrofauna with different times after fire in Oak coppice forests. Guilan University, Student: Ronak Mohammadi
- 3) The relationship between the Persian oak drought with some biological and physical-chemical properties of soil in the Zagros forests (case study Malekshahi County), Hasan Shahrezaee, Ilam university, 2016-2017
- 4) Investigation the recovery time of soil quality indices after fire in Zagros oak coppice, Kermanshah, Mostafa Sadeghi, Razi University, 2015-2017
- 5) An Investigation of the Distribution and spatial pattern of trees and regeneration pattern of Trees in two Northern and Southern aspects of Zagros forests Hillsides in the (case study: Protected Area of Khoramabad's Sefidkooh). Mohamad Salehi. Malayer University. 2016-2107.
- 6) The role of different microhabitats on tree species regeneration in Babayadgar forests, Kermanshah. Sahel Amiri. 2017-
- 7) Investigation of the spatial relationship of *Anagallis foetida* species and regeneration in the Zagros forests. Armin Salimi. 2017-2018

#### **11. Reviewer of peer-reviewed journals**

- 1) Caspian Journal of Environmental Science
- 2) Iranian Journal of Forest and Poplar Research
- 3) Iranian Journal of Forest and Rangeland Protection
- 4) Journal of Iranian Forest Ecology
- 5) Journal of Natural Ecosystems of Iran
- 6) Iranian Journal of Biology
- 7) Journal of Wood and Forest Science and Technology
- 8) Journal of Forest and Wood Products