Pejman Parhizkar, Ph.D.

- Assistant Professor of Silviculture and forest ecology
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Areas of Expertise

- Forest ecophysiology
- Silviculture
- Forest ecology

Scientific profile

- https://www.researchgate.net/profile/Pejman-Parhizkar-2
- https://scholar.google.com/citations
- https://scientometric.areeo.ac.ir/Pejman_Parhizkar

Education

- Ph.D., Forest Ecology, Islamic Azad University, Tehran Science and Research Branch, Tehran, Iran (2011)

- M.S., Forest ecophysiology, Islamic Azad University, Tehran Science and Research Branch, Tehran, Iran (2002)

- B.S., Forestry Islamic Azad University, Tehran Science and Research Branch, Tehran, Iran (1999)

Academic Interests

I am interested in: Forest structure, old-growth forests, uneven-aged management, natural regeneration

- The dynamics of tree regeneration establishment within canopy gaps
- uneven-aged management
- habitat trees
- development stages
- Imitation of old-growth forests in line with the sustainable management of forest stands
- describing and quantifying forest structure to enable comparisons among different forest ecosystems

Some publications

- P Parhizkar, J Eshaghi Rad, H Ghorbani. 2024. The diversity indices of herbaceous species in the unmanaged and man-made forest gaps. Forest Research and Development 9 (4), 499-514
- P Parhizkar, S Hallaj, H Ghorbani, M Hassani. 2023.Comparison of the beech (Fagus orientalis Lipsky) saplings characteristics in unmanaged and single tree-selection cutting compartments. Iranian Journal of Forest and Poplar Research 31 (2), 87-97
- P Parhizkar, MHS Hallaj, M Hassani. 2022. Managed vs. unmanaged *Fagus orientalis* Lipsky forests: structure and diversity of natural regeneration in northern Iran. Journal of Forest Science, 68, 2022 (8): 318–328
- P Parhizkar, MH Sadeqzadeh Hallaj, M Hassani. 2022. Quantitative and qualitative characteristics of regeneration in Shafarood managed and unmanaged beech forests. Forest Research and Development 8 (4), 343-354
- P Parhizkar, Kh Sagheb-Talebi, EK Zenner, M Hassani, ... 2021. Gap and stand structural characteristics in a managed and an unmanaged old-growth oriental beech (*Fagus orientalis* Lipsky) forest. Forestry: An International Journal of Forest Research 94 (5), 691-703

- P Parhizkar, B Amanzadeh, M Hassani, MH Sadeghzade. 2020. Effect of single tree selection system on some of the canopy gap characteristics within Shafaroud beech forests. Journal of Forest Research and Development 6 (2), 203-218
- P Parhizkar, M Hassani, H Ghorbani, A Karimidust, K Maghsudlu, ... 2020. Investigation on gap characteristics in the managed and intact oriental beech (Fagus orientalis Lipsky) forests, Iran. Iranian Journal of Forest and Poplar Research 28 (3), 217-230
- B Amanzadeh, KH Saghebtalebi, P Pahrizkar, P Shahinrokhsar Ahmadi, ... 2019. Comparison of regeneration and diversity of herbaceous species in created and natural gaps. Journal of Forest Research and Development, 5 (1), 153-167
- P Parhizkar, M Hassani, MHS Hallaj, . 2018. Gap characteristics under oriental beech forest development stages in Kelardasht forests, northern Iran. journal of forest science 64 (2), 59-65
- P parhizkar, Kh Sagheb-Talebi, Y Shahini, M Teimouri. 2017. Introducing of suitable species for planting in gaps of different size (Case study: Loveh forest- Golestan, Iran). journal of forest science 63 (1), 9-15
- P Parhizkar, Y Shahini, MHS Hallaj, A Yaghoubian. 2017. Effects of position within gap and relative light intensity on quantitative regeneration attributes of six tree species (case study: Loveh forest-Golestan province).
- P Parhizkar, Y Shahini, MH Sadeghzadeh Hallaj, A Yaghoubian. 2016. Effects of position within gap and relative light intensity on quantitative regeneration attributes of six tree species (Case study: Loveh forest-Golestan province). Iranian Journal of Forest and Poplar Research 24 (4), 576-568
- P Parhizkar, Kh Sagheb-Talebi. 2016. Status of unmanaged oriental beech stand in different development stages within 5-years period (case study: Langa- Kelardasht). Journal of Plant Researches 29 (1), 31-42
- P Parhizkar, K Sagheb-Talebi, A Mataji, R Nyland, M Namiranian. 2011. Silvicultural characteristics of Oriental beech (*Fagus orientalis* Lipsky) regeneration under different RLI and positions within gaps. Forestry 84 (2), 177-185
- P Parhizkar, Kh Sagheb-Talebi, A Mattaji, M Namiranian, M Hasani, ... 2011. Tree and regeneration conditions within development stages in Kelardasht beech forest (Case study: reserve area-Langa). Iranian Journal of Forest and Poplar Research 19 (1), 141-153

- P Parhizkar, Kh Sagheb-Talebi, A Mataji, M Namiranian. 2011. Influence of gap size and development stages on the silvicultural characteristics of oriental beech (Fagus orientalis Lipsky) regeneration. Caspian Journal of Environmental Sciences 9 (1), 55-65