



PERSONAL INFORMATION:

Full Name: Aidin Parsakhoo

Nationality: Iranian

Academic Level: Associate Professor

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EDUCATION:

Ph.D., 2012, Forest road construction, Sari Agricultural Sciences and Natural Resources University, Iran

M.S. 2009. Forest engineering, Sari Agricultural Sciences and Natural Resources University, Iran

B.S., 2006. Forestry, University of Mazandaran, Iran

RESEARCH INTEREST:

Forest Road Network Planning, Road Monitoring and Maintenance, Bioengineering, Mechanical and biomechanical slope stabilization techniques, Improvement of road bearing capacity, Road dust and erosion control, Forest road drainage

PUBLICATION:

1. Aidin Parsakhoo, Lotfalian M, Kavian A, Hosseini SA. 2014. Prediction of the soil erosion in a forest and sediment yield from road network through GIS and SEDMODL. International Journal of Sediment Research
2. Aidin Parsakhoo, Lotfalian M, Kavian A, Hosseini SA. 2014. Assessment of soil erodibility and aggregate stability for different parts of a forest road. Journal of forestry research
3. Safari A, Kavian A, Aidin Parsakhoo, Saleh I, Jordán A. 2016. Impact of different parts of skid trails on runoff and soil erosion in the Hyrcanian forest (northern Iran). Geoderma.
4. Aidin Parsakhoo. 2016. Technical assessment of forest road network using Backmund and surface distribution algorithm in a hardwood forest of Hyrcanian zone. Forest Systems

5. Aidin Parsakhoo. 2016. Metric measurements for optimization of forest road network alternatives in GIS-based programs. *Forest Science and Technology*
6. Aidin Parsakhoo, Mostafa M, Shataee S, Lotfalian M. 2017. Decision support system to find a skid trail network for extracting marked trees. *Journal of Forest Science*
7. Aidin Parsakhoo, Lotfalian M. 2017. Locating Log Depots and Forest Roads Using a Weighted-Graph Optimization Algorithm. *Nova mehanizacija šumarstva*
8. Aidin Parsakhoo, Jajozadeh M, Rezaee Motlagh A. 2018. Effect of hydroseeding on grass yield and water use efficiency on forest road artificial soil slopes. *Journal of Forest Science*
9. Aidin Parsakhoo, Jajozadeh M, Rezaee Motlagh A. 2018. Effect of Hydromulch Binders on Reduction of Embankment-Induced Soil Erosion and Sediment Concentration. *Ecopersia*
10. Aidin Parsakhoo. 2019. Improving the Soil Mechanical Properties of Forest Roads by Combinations of Nano-Silica Materials and Horsetail Ash. *Ecopersia*
11. Heidari AR, Aidin Parsakhoo. Nasiri M, Habashi H. 2020. Effect of the Curing Time and Combination of Corncob (*Zea Mays* L.) Ash with Swelling Clay on Mechanical Properties of Soil in Forest Road. *Journal of Sustainable Forestry*
12. Aidin Parsakhoo, Hosseini SA, Lotfalian M, Mohammadi J, Salarijazi M. 2021. Efficiency of different anti-dust agents in reducing the dust emission from forest road and deposition on leaf surface. *Croatian Journal of Forest Engineering*.
13. Aidin Parsakhoo, Rezaei Mutlagh A. 2022. Evaluating the construction of two types open-top culverts in sedimentation and soil loss of forest road surface materials in Dr. Bahramnia's forestry plan. *Journal of Wood and Forest Science and Technology*.
14. Rezaee Motlagh A, Aidin Parsakhoo, Najafi A, Mohammadi J. 2023. Assessment of Unpaved Forest Road Surface Condition based on Slope Steepness and Bearing Capacity. *Ecopersia*.
15. Akbarimehr M, Hodjati SM, Sharyati F, Aidin Parsakhoo. 2023. Effect of Forest Roads-stream Crossings on Physical-Chemical Properties of Water. *Ecopersia*.

ACADEMIC TEACHING EXPERIENCE:

Forest Road Design, Surveying and Mapping, Forest Road Construction and Maintenance, Forest Road Network planning, Bioengineering, Soil mechanics, Forest Machinery, Forest Work Safety, and Entrepreneurship

LANGUAGES:

Persian (native); English