

Curriculum Vitae
Fatemeh Pordel
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EDUCATION

- Present Ph.D. Candidate, Isfahan University of Technology (IUT), Iran
Major: Natural Resources Engineering
- 2013 - 2015 M.Sc., Shahrood University, Iran
Major: Natural Resources Engineering
- 2009 - 2013 B.S., Shahrood University, Iran
Major: Natural Resources Engineering

TEACHING ASSISTANTSHIPS & SCIENTIFIC WORK

- 2021- Present **Author of the rangelands management projects**
Natural resource engineering organization expert, Chahar Mahal
Va Bakhtiari province
- 2018 -2019 **Teaching Assistant**, Isfahan University of Technology,
Remote sensing class.
- 2017 - 2019 **Adviser**, Shahrood University
M.Sc. thesis entitled: "Evaluation of the methods of determining
vegetation density in different distribution patterns and densities
on *Astragalus verus* and *Astragalus alba*."
Hamid Jamali's thesis.
- 2015 - 2016 **Teaching Assistant**, Shahrood University
GIS master class.
- 2014-2015 **Teaching Assistant**, Academic center of education Shahrood,
GIS class.

HONORS AND AWARDS

- 2021 **Top student Award by IUT**
Awarded by Isfahan University of Technology, Natural Resources Department
- 2015 **Outstanding Graduate Student of master's program**
Awarded by Shahrood University

- 2013 **Top student Award by Recognized Students Society, Shahrekord University**
Shahrekord University, Department of Natural Resources and Earth Science
- 2012 **Ranked 2st among M.S. students of Natural Resources Engineering**
Awarded by Shahrekord University
- 2010 **Student scientific association member**
Shahrekord University, Department of Natural Resources and Earth Science

PUBLICATIONS & PRESENTATIONS

JOURNAL ARTICLES

Jamali, H., Ebrahimi, A., Ardestani, E.G. and Pordel, F., 2020. Evaluation of plotless density estimators in different plant density intensities and distribution patterns. *Global Ecology and Conservation*, 23, p.e01114.

Jamali, H., Ebrahimi, A., Ardestani, E.G. and Pordel, F., Comparing distance-based methods of measuring plant density in an arid sparse scrubland: testing field and simulated sampling. *Environ Monit Assess* .192(6).

Jamali, H., Ebrahimi, A., Ghesareh Ardestani, E. and Pordel, F., 2020. Comparison of distance-based methods of density estimation of *Astragalus* versus *Olivier* and *Astragalus albispinus* Sirj. & Bornm.(Case study: Steppe Rangeland of Marjan, Chaharmahal-Va-Bakhtiari). *Journal of Range and Watershed Managment*, 72(4), pp.926-940. In Persian.

Jamali, H., Ghesareh Ardestani, E., Ebrahimi, A. and Pordel, F., 2021. Assessment of plotless plant density methods of *Astragalus albispinus* Sirj & Bornm in various plant density intensities and distribution patterns. *Journal of Plant Ecosystem Conservation*, 9(18), pp.69-92. In Persian.

Pordel, F., Ebrahimi, A. and Azizi, Z., 2019. The effect of atmospheric correction methods on the relationship between vegetation indices and canopy cover (Case study: Marjan rangelands of Borujen). *Engineering Journal of Geospatial Information Technology*, 7(2). In Persian.

Pordel, F., Ebrahimi, A. and Azizi, Z., 2017. Evaluating of the most suitable vegetation indices of estimating of canopy cover and above-ground phytomass in arid rangelands during different growth periods. *Journal of Arid Biome*, 7(2), pp.57-71. In Persian.

Pordel, F., Ebrahimi, A. and Azizi, Z., 2018. Canopy cover or remotely sensed vegetation index, explanatory variables of above-ground biomass in an arid rangeland, Iran. *Journal of Arid Land*, 10, pp.767-780.

Pordel, F., Ebrahimi, A. and Azizi, Z., 2018. Modeling of Green Canopy Cover of Marjan Rangelands, Boroujen during Growing Season Using Spectral Indices of OLI Sensor. *Journal of Geomatics Science and Technology*, 7(4), pp.191-203. In Persian.

Pordel, F. and Ebrahimi, A., 2017. Evaluating spatio-temporal phytomass changes using vegetation index derived from Landsat 8 (Case study: Mrajan rangeland, Boroujen). *Rangeland*, 11(2), pp.166-178. In Persian.

CONFERENCE PRESENTATIONS

Pordel, F., A. Ebrahimi, Z. Azizi. (2015). A review of correction methods in multi-temporal satellite images. *First Comprehensive International Conference on the Environment*. Tehran, IR

Pordel, F., A. Ebrahimi., Z. Azizi.(2015). Preparing and updating the land use map of Chaghakhor watershed. *National Conference on Planning in the Development of Chaharmahal and Bakhtiari Province*. Shahrekord, IR