PERSONAL INFORMATION:

Full Name: Shaban Shataee Jouibary

Nationality: Iranian

Academic Level: Professor

Cell: +98 (017) 32427050 # 194

E-mail: Shataee@gau.ac.ir

EDUCATION:

Ph.D., 2003. Forest Sciences-remote sensing, Tehran University, Iran
M.S., 1997. Forestry. Tehran University, Iran
B.S., 1995. Natural resource engineering- Forestry, Tehran University, Iran

RESEARCH INTEREST:

Forest mapping, Remote sensing, GIS, Spatial modeling, Fire modeling

PUBLICATION:

1. Shaban Shataee-Joibary, Syavash Kalbi, Asghar Fallah, Dieter Pelz. 2012. Forest attribute imputation using machine-learning methods and ASTER data: comparison of k-NN, SVR, and random forest regression algorithms. International Journal of remote sensing
2. Noureddin Nourian, Shaban Shataee-Joibary, Jahangir Mohammadi. 2016. Assessment of different remote sensing data for forest structural attributes estimation in the Hyrcanian forests. Forest Systems
3. Esmaili, R., **Shaban Shataee Jouibary**, Soosani, J., Naghavi, H. 2020. Mapping of understory-infested boxwood trees using high-resolution imagery. Remote Sensing Applications: Society and Environment.
4. Yazdani, **Shaban Shataee Jouibary**, Mohammadi, Maghsoudi, 2020. Comparison of different machine learning and regression methods for estimation and mapping of forest stand attributes using ALOS/PALSAR data in complex Hyrcanian forests, Journal of Applied Remote Sensing. 14 (2), 024509 (2020).
5. Zahriban Hesari, **Shaban Shataee Jouibary**, Maghsoudi, Mohammadi, Fransson & Persson. 2020. Forest Variable Estimations Using TanDEM-X Data in Hyrcanian Forests, Canadian Journal of Remote Sensing, DOI: 10.1080/07038992.2020.1763790.

6. Mohammadi, **Shaban Shataee Jouibary**, Namiranian, Nasset.2020. Modeling tree species diversity by combining ALS data and digital aerial photogrammetry. Science of Remote Sensing, Volume 2, December 2020, 100011.
7. Bagheri, **Shaban Shataee Jouibary**, Erfanifard. 2021. Canopy Based Aboveground Biomass and Carbon Stock Estimation of Wild Pistachio Trees in Arid Woodlands Using GeoEye-1 Images. *J. Agr. Sci. Tech. (2021) Vol. 23(1):*107-123
8. Poorazimy, M., **Shaban Shataee Jouibary**, McRoberts, R. E., Mohammadi, J. 2020. Integrating airborne laser scanning data, space-borne radar data, and digital aerial imagery to estimate aboveground carbon stock in Hyrcanian forests, Iran. Remote Sensing of Environment
9. Yazdani, M., **Shaban Shataee Jouibary**, Mohammadi, J., Maghsoudi, Y. 2020. Comparison of different machine learning and regression methods for estimation and mapping of forest stand attributes using ALOS/PALSAR data in complex Hyrcanian forests. Journal of Applied Remote Sensing.
10. Zahriban Hesari, M., **Shaban Shataee Jouibary**, Maghsoudi, Y., Mohammadi, J., Fransson, J. E., Persson, H. J. 2020. Forest Variable Estimations Using TanDEM-X Data in Hyrcanian Forests. Canadian Journal of Remote Sensing.
11. Mohammadi, J., **Shaban Shataee Jouibary**, Næsset, E. 2020. Modeling tree species diversity by combining ALS data and digital aerial photogrammetry. Science of Remote Sensing.
12. Bagheri, R., **Shaban Shataee Jouibary**, Erfanifard, S.Y. 2021. Canopy Based Aboveground Biomass and Carbon Stock Estimation of Wild Pistachio Trees in Arid Woodlands Using GeoEye-1 Images. Journal of Agricultural Science and Technology.
13. Mosatfa, M., **Shaban Shataee Jouibary**, Mastouri, A. 2021. Spatio-temporal change detection of forest canopy cover density in the Golestan National Park, Iran. Environmental Resources Research.
14. Alhaj-Khalaf, M. W., **Shaban Shataee Jouibary**, Jahdi, R., Bacciu, V. 2021. Improved forest fire spread mapping by developing custom fire fuel models in replanted forests in Hyrcanian forests, Iran. Forest Systems.
15. Alhaji Khalaf, **Shaban Shataee Jouibary**, Jahdi. 2022. Optimum allocation of firebreaks networks during the design process in Golestan National Park, northeastern Iran. *Environ. Sci. Proc. 2022, 17(1), 41-52.*
16. Mastouri, **Shaban Shataee Jouibary**, Moayeri, Maghsoudi. 2022. Landslide susceptibility mapping using GIS-Based-MCDM Method in Arabdagh forests of Iran. **Environmental Resources Research (2), 2022.**
17. Poorazimy, **Shaban Shataee Jouibary**, Aghababee, Tomppo, Praks. 2023. First Demonstration of Space-borne Polarization Coherence Tomography for Characterizing Hyrcanian Forest Structural Diversity. Remote sensing. 15, 555.

18. Hessan, Mohammadi, **Shaban Shataee Jouibary**. 2023. Allometric Models and Biomass Conversion and Expansion Factors to Predict Total Tree-level Above-Ground Biomass for Three Conifers Species in Iran. Forest Science.

19. Mostafa, **Shaban Shataee Jouibary**, Lotfalian, Sadoddin. 2023. Road network designing in a forested watershed using network connectivity indices. Journal of Forest Science. 69(6): 229–243.
20. Kohestani, Rastgar, Heydari, **Shaban Shataee Jouibary**, Amirnejad. 2023. Spatiotemporal modeling of the value of carbon sequestration under changing land use/land cover using InVEST model: a case study of Nour-rud Watershed, Northern Iran. Environment, Development, and Sustainability.

ACADEMIC TEACHING EXPERIENCE:

Remote sensing in the forest, Advanced geographical information system, Advanced remote sensing in the forest, Geographical information system in the forest, Basics of remote sensing, Supplementary remote sensing, Research methods, Vegetation mapping.

SERVICE AND PROFESSIONAL MEMBERSHIP:

Iranian Forestry Association, Iranian Remote Sensing Association

LANGUAGES:

Persian (native); English