



PERSONAL INFORMATION:

Full Name: Mojgansadat Azimi

Nationality: Iranian

Academic Level: Associate Professor

Cell: +98 9124185931

E-mail: azimi.mojgansadat@gmail.com / azimi@gau.ac.ir

EDUCATION:

- Ph.D. Gorgan University of Agricultural Sciences and Natural Resources, Iran. 2012, Rangeland and Ecological Modelling.
- M.Sc. Gorgan University of Agricultural Sciences and Natural Resources, Iran. 2002, Rangeland management.
- B.Sc. Yazd University, Iran, 1999. Range and watershed management

RESEARCH INTEREST:

Ecosystem services

Rangeland monitoring and management

Rangeland ecology and modeling

Rangeland Hydrology

PUBLICATION:

1. **M.Azimi**, A.Sharifiyan, V.Reyazinia, H.Arzani, K.Abbaspour., 2022, Pastoral community's vulnerability under extreme floodings accelerated by rangeland degradation among Turkmen transhumant, Northern Iran. Journal of Flood risk management. 11 July 2022.
2. **M.Azimi**, V.Reyazinia, M.Amiri, G. Campettela, 2021. Habitat Suitability Modeling For Astragalus Podolobus (boiss. & Hohen) Using Frequency Ratio. Environmental Resources Research, <https://ijerr.gau.ac.ir/>. 12 Dec 2021.
3. **M. Azimi**, M. Barzali, M. Abdolhossieni, A. Lotfi., 2020. Examining the impact of rangeland condition on water conservation by using an integrated modeling approach. Journal of Land degradation and development.13Nov2020
4. **Azimi, M.**, Haghddadi, M., Riyazinia, V., and Z. Molnár. 2020. Expert understandings on rangeland ecosystem services and their sustainable management (Atrak River Basin, NE Iran). Environmental Resources Research, 8(2): 109-120
5. Z. Asadollahi, A.SalmanMahini, Y.Sakieh, H.Mirkarimi, H.Baral, **M.Azimi**. 2018. Dynamic trade-off analysis of multiple ecosystem services under land use change scenarios: Towards putting ecosystem services into planning in Iran. Ecological Complexity. 36(250-260
6. **Azimi, M.**, GH. Heshmati, F. Farahpour, M.Faramarzi, and K.C Abbaspour. 2013. Modelling the impact of rangeland management on forage production of sagebrush species in arid and semi-arid regions of Iran. Ecological Modelling, 250(1-14).
7. Zadsar, M., **M.Azimi**. 2016. Using SWAT model to investigate the impact of rangeland management practices on water conservation(Case study: Gorganroud watershed, Golestan, Iran). Journal of Rangeland Science. 6(4): 309-319
8. **Azimi, M.**, M.Mozafari. 2017. The effects of deferred grazing system on vegetation parameters in semi-arid rangeland(Case study: Jashlubar, Semnan, Iran). Journal of Rangeland Science. 7(1): 11-19

9. S.Mahzari., F.Kiani, **M.Azimi** and F.Khormali. 2016. Using SWAT Model to Determinine Runoff, Sediment Yield and Nitrate Loss in Gorganrood Watershed, Iran. *Ecopersia*, 4(2):1361-1379
10. M.Ahmad beni, H.Niknahad, **M.Azimi** and M.Maramaei. 2015. The Effect of vitever Grass(*Chrysopogon zizanioides*) in Some Soil Properties in semi steppe region of Maravetapeh , Golestan, Iran. *Journal of Rangeland*. 9(3): 268-280
11. M.Ahmad beni, H.Niknahad, **M.Azimi** and M.Maramaei. 2014. Investigation of forage quality of vitever sp in semi steppe region of Maravetapeh , Golestan, Iran. *Journal of Rangeland Science*. 4(4): 287-297
12. M.Goudarzi., **M.Azimi** and P.Ashuri. 2014. The effects of fire on the shrubs in a semiarid region of Iran. *Journal of Biodiversity & Enviromental science*. 5(6): 56-61
13. **Azimi, M.**, M. Mesdaghi and M. Farahpour. 2005. Relationship between the density of *Cyamophila dicora* and Vegetation parameters of *Astragalus adscendence* in semi-arid region of Isfahan, Iran. *Journal of Science and Technology of Agriculture and Natural Resources, Isfahan University of Technology*. 9(3): 243-253.
14. **Azimi, M.**, M. Mesdaghi, M. Farahpour, H. Reazi and M. Iiravani. 2005. Ecological Investigation on *Astragalus adscendens* in Feridonshahr region of Esfahan, Iran. *Journal of Range and Desert Research*. 12(4): 499-524
15. Arzani, H., J. Abdollahi, M.Farahpour, **M.Azimi**, A.A. Jafari, M. Moalemi. 2005. Investigation on range condition trend during five years period in Yazd province. *Journal of Range and Desert Research*. 12(3): 263-286
16. Arzani, H., H. Mirdavodi, M.Farahpour, **M.Azimi**, H.kaboli, A.A.Sanadgol, M.Akbarzadeh and V.Mozafarian. 2005. Investigation on variation of vegetation cover and yield in rangeland in Markazi province (1996-2001). *Journal of Range and Desert Research*. 12(4): 409-436
17. Arzani, H., M. Adnani, H. Bashari, **M.Azimi**, H. Bagheri, M. Akbarzadeh, H. Kaboli. 2006. Assessment of vegetation covers and yield variation in rangeland of Qum province (2000-2005). *Journal of Range and Desert Research*. 13(4): 296-313

18. Arzani, H., H. Kaboli, H. Mirdavoodi, M. Farahpour, **M.Azimi**. 2008. Reliability of ETM+ and TM data for estimating vegetation cover of arid areas rangeland (case study: Markazi province of Iran). *Journal of Range and Desert Research*. 15(3): 320-348.
19. Ehsani, A., H.Arzani, M.Farahpour, H.Ahmadi, M.Jafari, A.Jalili, H.Mirdavodi, H.Abasi and **M.Azimi**. 2007. The effect of climatic conditions on range forage production in stepp lands of Markazi province. *Journal of Range and Desert Research*. 14(2): 249-260.
20. Borhani, M., H.Arzani, Z.JaberAnsar, **M.Azimi** and M.Farahpour. 2010. Investigation the range condition trend during eight years period in Esfahan province. *Journal of Range and Desert Research*. 17(1): 249-260
21. Zadbar, M., H.Arzani, **M.Azimi**, V.Mozafarian, Gh.Shad, F.Saghafi, H.Tavakoli, H.AmirAbadi, S.Naseri. 2011. Monitoring of plant cover and forage productivity in Aslameh sub-stepp site at the Northeast of Iran. *Journal of Range and Desert Research*. 18(2): 231-243
22. Ghelichnia, H., H.Arzani, M.Akbarzadeh, M.Farahpour. **M.Azimi**. Acceptance for 2012. Investigation on variation of vegetation cover and yield in Rangelands of Mazandaran province (2001-2005). *Journal of Range and Desert Research*. 19(2): 203-220.
23. Abdolahi, J., H.Arzani, M.H. Savaghebi, **M.Azimi**, H. Naderi. 2012. The affect of precipitation fluctuations on canopy cover and range forage production in Yazd semi-steppe rangelands. *Journal of Range and Desert Research*. 19(1): 45-59.
24. Arzani, H., **M.Azimi**, M. Farahpour, H. Kaboli and H. Mirdavodi. 2008. Range monitoring methods in arid zones of Iran. *Journal of Forest and Range*. Forest and Rangeland organization. Tehran. Iran.
25. Heshmati, Gh.A. **M.Azimi**, P.Ashouri. 2010. Assessment of structural characteristics of fertilized patch in rangeland ecosystems, Case study: Ghare Ghir and Marave Tapeh rangelands (Golestan province). *Journal of Range and watershed management, Iranian Journal of Natural Resources*. 63(3): 319-329.

26. Mohamadi, B., **M. Azimi** and A.Sepehri. 2016. The Study of Rangeland Suitability for Ecotourism in East Golestan Province (Case study: Tillabad and Khoshyelagh in Azadshahr- Golestan province). Journal of Rangeland. 10(3):315-327.
27. **Azimi, M.**, Gh. Rahbar and Sh. Mansouri. 2016. : Locating and prioritizing of appropriate area for floodwater spreading using GIS and AHP Case study: Gorganrud river basin, Golestan, Iran. Journal of Environmental Science and Technology. Online publication. .
28. Goudarzi, M., **M. Azimi**, E.ZandiEsfahan, G.Karimi and A.Shahmoradi. 2015. Effects of Fire on the Canopy Cover of Grasses. Journal of Range and Desert Research. 22(3): 548-557.
29. Asadolahi, A., A.SalmanMahiny, S.H. Mirkarimi and M.Azimi. 2015. Modeling Sediment Retention Ecosystem Service using InVEST software. 3(19): 61-75.

Papers in International Conferences:

1. **Azimi, M.**, M. Mesdaghi and M. Farahpour. 2006. The relationship between the density of *Cyamophila dicora* and vegetation parameters of *Astragalus adscondens* in semi-arid region of Isfahan, Iran, 8th international conference on development of dry lands, , 25-28 February, Beijing. China.
2. Arzani, H., **M. Azimi**, M. Farahpour, H. kaboli. 2008. A national monitoring system for range assessment in Iran, 21st International Grassland Conference, 29 June- 5 July. HoHHot. China.
3. **Azimi, M.**, M. Farahpour, M. Borhani, H. Arzani. 2008. Rangeland Day as a tool for monitoring propagation, 21st International Grassland Conference, 29 June- 5 July, HoHHot. China.
4. **Azimi, M.**, Gh.A. Heshmati, M. Farahpour, M. Faramarzi, A. B. Bahremand, M. Iravani, K. C. Abbaspour. 2011. Application of SWAT to model rangeland production dominated by Sagebrush (*Artemisia sieberi*) in Hable-Rud Basin, Iran. 2011 International SWAT Conference. Book of Abstracts. June 15-17. University of Castilla LA Mancha. Toledo, Spain.

ACADEMIC TEACHING EXPERIENCE:

Ph.D: Advance Rangeland management, Statistical ecology, Environmental assessment of the ecosystem

M.Sc. Rangeland assessment and monitoring; Rangeland ecology and modelling;

B.Sc. Public ecology; Rangeland ecology; Rangeland management; Multiple -Use from Ecosystem

SERVICE AND PROFESSIONAL MEMBERSHIP:

Vice-Dean. Faculty of Fisheries and Environment- Rangeland and watershed management.

Research scientist, Research Institute of Forest and Rangelands, Tehran, Iran. 2003-2011

Associate Educator of Society of Range and water Management, Iran.

Associate Educator of Society of Medicinal Plants, Iran.

Associate Educator of Agriculture and Natural Resources Engineering Organization.

Tehran. Iran

AWARDS:

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| 2022 | Educational excellence in Faculty of Rangeland watershed management |
| 2021 | Top researcher in Faculty of Rangeland watershed management |
| 2008 | First Grade for Ph.D. Entrance exam, in Gorgan University of Agricultural Sciences and Natural Resources. |
| 2002 | Top Graduated MSc. Student: Range and Watershed Management Dept.,Gorgan University of Agricultural Sciences and Natural Resources, Golestan. Iran. |
| 2000 | Receive Thankful Plaque from president assistant in Natural Resources Week for biodiversity article presentation |

LANGUAGES: Persian, English