

Dr. Moieza Ashraf
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Educational Qualification

- **Title of Ph.D. thesis:** Carbon Sequestration Assessment of Vegetation and Soil in Dachigam National Park.
- **Title of M.Phil. thesis:** Impact of Cement Dust on Soil and Vegetation around Khrew Cement Factories.
- **Title of M. Sc. thesis:** Ecological Study of Yusmarg Forest: Physico-chemical characteristics of grassland soils.

Examination	Year of Passing	University/Board	Aggregate
Ph. D. Environmental Science	2016	SKUAST- Kashmir	OGPA =8.36/10
M. Phil. Environmental Science	2013	University of Kashmir	Grade A
M. Sc. Environmental Science	2011	University of Kashmir	74.70 %
B. Ed.	2011	University of Kashmir	78.00 %
B. Sc.	2008	University of Kashmir	69.22 %
12 th	2005	(Mallinson GHS)/JKBOSE	72.66 %
10 th	2003	(St. Joseph's HSS)/JKBOSE	80.80 %

Professional Experience

- Worked as Lecturer (c) for more than seven years in Department of Environmental Science, University of Kashmir.
- Worked as Consultant (Centre for Disaster management and Environmental studies, J&K IMPA&RD) (26-12-2017 to 05-05-2017).
- Video Lectures and e-content designed on Environmental Challenges and Solutions (2012) in UGC sponsored EMMRC program for LLB courses.
- Completed Supervision of Eighteen M. Sc dissertations, currently supervising three M. Sc projects.
- Completed PGDDM from IGNOU (2018).
- Completed two research projects as consultant in centre for Disaster management and Environmental Studies in J&K IMPA&RD.

Awards and Achievements

- **Qualified ICAR NET 2018**
- **Awarded with Best poster Award in National Conference** on “Himalayan Biodiversity and Natural Resources Management” organized by SKUAST-K, Shalimar (13-14 March 2019)
- **Awarded with Second Best Poster Award in National Conference** on “Disaster Resilience of Kashmir in the Face of Climate Change” organized by Cluster University, Srinagar (13-15 November 2017)
- Awarded with **Merit Scholarship** by SKUAST-K for **Ph. D.** Programme.
- Awarded with **Merit Scholarship** by University of Kashmir for **M. Phil.** Programme.
- Awarded with **National Service Scheme Volunteer certificate** by NSS cell cum SKUAST-K after successfully completing the NSS course of 120 hours during spring semester of Doctoral Programme.

Conferences / Workshop / Trainings/ Symposia

1. Five day workshop on ‘Science-Policy-Society Interface’ organized by University of Kashmir (5-9-2022).
2. One day **International webinar** “Groundwater: Making invisible visible” organized by University of Kashmir (22-03-2022).
3. Delivered an invited lecture in “**Ten days research methodology workshop for research scholars**” conducted by University of Kashmir (5 to 7-4-2021).
4. Three day **International webinar** on ‘Water, Health and Parasites’ organized by University of Kashmir (22 to 24-3-2021).
5. **Two Weeks National Faculty Development Programme** organized by GDC Pampore in collaboration with UGC (21-09-2020 to 05-10-2020).
6. Workshop on “Beat Air Pollution and Recent trends in Environmental Sciences “organized by Department of Environmental Science and CORD, University of Kashmir (11-12 June, 2019)
7. **Presented a paper** titled “Impact of Cement Dust Deposition on Vegetation around JK Cement factory, Khrew, Jammu and Kashmir” in 1st **International Conference** on “Recent Developments in Science, Humanities & Management-2018” organized by Amar Singh college (17-18 April, 2018).
8. **National Workshop** on “Remote Sensing and GIS for Natural Resource and Environmental Management” organized by Department of Environment and Water management and PG department of Environmental Science, Sri Pratap college, Cluster University Srinagar (23-24 March, 2018).
9. **Presented a paper** titled “ Variation of forest biomass carbon in Dachigam National Park, J&K, India” in **National workshop** on disaster resilience of Kashmir in the face of climate change (13th – 15th November 2017).
10. **Presented paper** titled “Litter biomass carbon variability under different forest strata of Dachigam National Park” In **National conference** on Biodiversity (13-15 October, 2017).
11. **Presented a paper** on “Post Flood Construction in Srinagar City- A Study of Rajbagh” in Flood Risk Mitigation workshop in IMPA&RD (15-17 March, 2017).
12. **Presented a paper** on “Climate Change-Status and Strategies” in Disaster Mitigation and Climate Change Adaptation workshop in IMPA&RD (23-25 January, 2017).
13. **Presented a paper** in 11th JK Science Congress on Social, Economic and Cultural dimensions of climate change (2015).
14. **Presented a paper** in **National Inter-Disciplinary Science Conference-NISCON-15** on “Recent Research Trends in Chemical and Environmental Sciences”, 2015.
15. **Ten days training** on “Application of advanced geospatial technologies in natural resource management under changing climatic scenarios” organized by ICAR, 2015.
16. National Science and Communication Workshop organized by the Wellcome trust/DBT India Alliance, 2015.
17. 3rd Jammu & Kashmir Agricultural Science Congress on “Organic Agriculture Prospects in J&K”, organized by SKUAST-K, 2014.
18. National Seminar on Kong Posh – Fight against Counterfeiting and Smuggling, organized by FICCI, 2013.
19. Seminar on Green Economy: Does it include you? organised by University of Kashmir, 2012.
20. **Six days training** on “Bee keeping” organized by Department of Agriculture, J&K, 2008.

Publications (Peer Reviewed)

(h index: 8 ; i10 index: 7; Citations: 162)

1. **Ashraf, M.,** Hassan, S and Dar, S. 2023. Perceptions of pesticide use and health risks among apple growers in Kashmir Himalayas. *JFSA Reports*, 3(8):1-7.
2. **Ashraf, M.,** Bhat, G.A. and Ashraf, N.2022. Impact of Cement Dust on Soil Physico-Chemical Characteristics Around Khrew Cement Factory in District Pulwama. *J. Himalayan Ecol. Sustain. Dev.* 17:1-16

3. Ashraf, N. and **Ashraf, M.** 2020. Response of Growth Inhibitor Paclobutrazol in Fruit Crops. (In: Kuden, A. and Ali, A., (Eds.). (2020). *Prunus*. IntechOpen. <https://doi.org/10.5772/intechopen.87486>)
4. **Ashraf, M.**, Bhat, G.A. and Ashraf, N. 2018. Impact of Cement Dust Deposition on Vegetation around JK Cement factory, Khrew, Jammu and Kashmir. *International Journal of Advance Research in Science and Engineering*, 4(7): 410-423.
5. Ashraf, N., **Ashraf, M.**, Bhat, M. Y. and Sharma, M. K. 2017. Paclobutrazol and Summer Pruning Influences Fruit Quality of Red Delicious Apple. *International Journal of Agriculture, Environment and Biotechnology*, 10(3): 1-8, NAAS Rating 4.69.
6. Bhat, F. A., Dar, S.A., **Ashraf, M.**, Ganjee, S.A. and Ganai, B.A. 2017. Trees Alone cannot be the Answer to Climate Change of Present Millennium. *Journal of Research and Development*, 17:76-80.
7. Dar, G.M. and **Ashraf, M.** 2017. Climate change: Impact, Adaptation and Mitigation. *International Journal of Enhanced Research in Management and computer application*, 6(4):1-8.
8. **Ashraf, M.**, Lone, F. A. and Wani, A. A. 2016. Estimating herbaceous plant biomass carbon under different forest strata of Dachigam National Park. *The Indian Forester*, 143(7):680-684.
9. **Ashraf, M.**, Lone, F. A. and Wani, A. A. 2016. Carbon Credit Valuation of Soil Carbon Stock in Different Forest Strata of Dachigam National Park. *Annals of Biology*, 33(1):1-4.
10. Showqi, I., Lone, F. A., **Ashraf, M.**, Mehmood, M. A. and Rashid, A. 2016. Biofilters in mitigation of odour pollution-a review. *Nature Environment and Pollution Technology*, 5(4): 20-29. NAAS Rating 4.94.
11. Ashraf, N., Bhat, M. Y., Sharma, M. K. and **Ashraf, M.** 2016. Paclobutrazol and summer pruning influences floral stages, yield efficiency and return bloom of apple cv. Red Delicious. *Journal of Applied Horticulture*, 18(2):164-168.
12. Ashraf, N., Bhat, M. Y., Sharma, M. K. and **Ashraf, M.** 2015. Effect of paclobutrazol and summer pruning on yield and fruit quality of cv. Red delicious apple. *Applied Biological Research*, 17(2): 166-173. NAAS Rating 5.07.
13. Ashraf, N., Bhat, M. Y., Sharma, M. K. and **Ashraf, M.** 2015. Influence of paclobutrazol and summer pruning on growth and vigour of apple cv. Red delicious. *Journal of Food, Agriculture and Environment*, 13(2): 98-100.
14. Ashraf, N. and **Ashraf, M.** 2014. Summer pruning in fruit trees. *African Journal of Agricultural Research*, 9(2): 206-210. (Review).
15. Ashraf, N., **Ashraf, M.**, Hassan, G., Rehman, M. U., Dar, N. A., Khan, I. M., Iqbal, U and Bandy, S. A. 2013. Effect of foliar application of nutrients and biostimulant on nut quality and leaf nutrient status of pecan nut cv. "Western Schley". *African Journal of Agricultural Research*, 8(6):559-563.
16. Abubakar, A. R., Ashraf, N., and **Ashraf, M.** 2013. Effect of plant biostimulants on fruit cracking and quality attributes of pomegranate cv. Kandhari kabuli. *Scientific Research and Essays*, 8(44):2171-2175.
17. Ashraf, N., **Ashraf, M.** and Tomar, C. S. 2013. Effect of foliar application of nutrients and biostimulant on growth, phenology and yield attributes of pecan nut cv. 'Western Schley'. *Journal of Food, Agriculture and Environment*, 11 (3&4): 1222-1226.
18. Abubakar, A. R., Ashraf, N., and **Ashraf, M.** 2013. Influence of plant biostimulants on physio chemical characteristics of pomegranate cv. Kandhari kabuli. *Journal of Cell and Tissue Research*, 13(3) 3949-3952. NAAS Rating 4.38.
19. Abubakar, A. R., Ashraf, N and **Ashraf, M.** 2013. Effect of plant biostimulants on growth, chlorophyll content, flower drop and fruit set of pomegranate cv. Kandhari kabuli. *International Journal of Agriculture, Environment and Biotechnology*, 6(2): 187-193.
20. **Ashraf, M.**, Bhat, G. A., Dar, I.Y., Ali, M. 2012. Physico-Chemical Characteristics of the Grassland Soils of Yusmarg Hill Resort (Kashmir, India). *Ecologia Balkanica*, 4:31-38.
21. Ashraf, N., **Ashraf, M.** and Abubakar, A. R. 2012. Plasticulture in Horticulture. *International Journal of Environment and Bioenergy*, 4(3):196-207. (Review).
22. Abubakar, A. R., Ashraf, N., and **Ashraf, M.** 2012. Effect of plant biostimulants on flowering, fruit drop, yield and return bloom of pomegranate cv. Kandhari kabuli. *The Asian Journal of Horticulture*, 7(2):473-477.
23. Ashraf, N., Sharma, M. K. and **Ashraf, M.** 2012. New Peach rootstocks under changing climatic scenario. *Journal of Plant Development Sciences*, 4(4): 529-532. (Review)

I hereby acknowledge that the above information is true to the best of my knowledge.

(Moieza Ashraf)