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CV Details

Research Interests	Forest Protection, Agroforestry, Forest Ecology, Forest Management, Social Forestry, Forest Nursery Establishment, Reclamation of Problematic Soils
CNIC	33100-0620858-7
Gender	Male
Date of Birth	23-12-1980

Objective

To understand the tree services in agroforestry systems and management of tree diseases

Education

Level	Program	Field of Study	Board / University / Institute	Country	Year of Passing	Division
Doctorate	Ph.D.	Forestry	University of Agriculture Faisalabad	Pakistan	2013	1 st
Master(H) 18+	M.Sc.(Hons)	Forestry	University of Agriculture Faisalabad	Pakistan	2006	1 st
Bachelor's Degree	B.Sc.(Hons)	Forestry	University of Agriculture, Faisalabad	Pakistan	2004	1 st
Higher Secondary School Certificate	Intermediate	Science (Pre-Medical)	BISE FSD	Pakistan	2000	1 st
Secondary School Certificate	Matriculation	Science	BISE FSD	Pakistan	1996	1 st

1. Haider, S.M.A., **Ahmad, I.**, Majeed, K., M. Hussain. 2024. Soil Organic Carbon Sequestration Potential and Its Sustainability Comparison Between Mango-based Agroforestry and Cropland Seeking Soil Fertility Parameters Under Climate Resilience. *Water Air Soil Pollut* 235, 682. <https://doi.org/10.1007/s11270-024-07493-8>.
2. **Ahmad I**, Mazhar K, Atiq M, Khalaf AK, Rashid MHU, Asif M, Ahmed S, Adil Z, Fayyaz A, Al-Sadoon MK, Al-Otaibi HS. 2024. Epidemiology and Management of Fusarium wilt of Eucalyptus camaldulensis through systemic acquired resistance. *PeerJ* 12: e17022 <https://doi.org/10.7717/peerj.17022>. (IF=2.7).
3. Mudassar Husain, **Irfan Ahmad**, Muhammad Atiq, Muhammad Farrakh Nawaz. 2024. Trichoderma spp. as biological control agents to manage the leaf spot disease of eucalyptus camaldulensis caused by Curvularia lunata. *Journal of Xi'an Shiyou University, Natural Science Edition*. 67(05): 114-132. (X-category)
4. Komal Mazhar, **Irfan Ahmad**, Muhammad Atiq, Muhammad Farrakh Nawaz. 2024. Activation of defense system of eucalyptus plants towards bacterial blight disease by using plant activators and nutrients. *Journal of Xi'an Shiyou University, Natural Science Edition*. 67(06): 92-103. (X-category)
5. Faiz Rasool, **Irfan Ahmad**, Muhammad Atiq, Muhammad Farrakh Nawaz. 2024. Optimization of water and different organic/inorganic fertilizers to determine the growth of Vachellia nilotica and bombax ceiba seedlings. *Journal of Xi'an Shiyou University, Natural Science Edition*. 67(05): 133-148. (X-category)
6. Rashid, M. H. U., Li, Y., Farooq, T. H., **Ahmad, I.**, Nawaz, M. F., Sohail, M., Wu, P. 2024. Influence of Cambium Mechanism in Plants in Relation to Different Environmental Stresses. *Polish Journal of Environmental Studies*. 33(1):503-514. (IF=1.4).
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8. Sabir, M.A., Nawaz, M.F., Khan, T.H., **Ahmad, I.** et al. 2024. Investigating seasonal air quality variations consequent to the urban vegetation in the metropolis of Faisalabad, Pakistan. *Scientific Reports* 14, 452. <https://doi.org/10.1038/s41598-023-47512-y>. (IF=3.8).
9. Ali, F., M. Atiq, N.A. Rajput, **I. Ahmad**, M.A. Latif, M.A. Aslam, M.J. Matloob, M. Mehtab, Aijaz and M. Qasim. 2024. Intervention of bacterial leaf spot of bell pepper through neem mediated copper and zinc hybrid nanoparticles. *Phytopathogenomics and Disease Control* 3:251-259. (HEC-Recognized)
10. Nasir, A.; Khan, M.I.; Asif, M.; Nawaz, M.F.; Ahmad, I. 2023. Farmyard Manure Enhances Phytoremediation and Mitigates Pb, Cd, and Drought Stress in Ryegrass. *Sustainability*, 15, 15319. <https://doi.org/10.3390/su152115319>. (IF=3.3)
11. Taimoor Hassan Farooq, Muhammad Farrakh Nawaz, Muhammad Qasid, Awais Shakoor, **Irfan Ahmad**, Sadaf Gul, Khuram Shahzad, Xiaoyong Chen. 2023. Divergent consequences of bio-resources on morphological plasticity and biochemical responses in early-stage leguminous species: Sustainable productivity approaches. *Geoscience Frontiers*. <https://doi.org/10.1016/j.gsf.2023.101660>. (IF=8.9)
12. Zainab Shahbaz, Muhammad Asif, Muhammad Atiq, **Irfan Ahmad**, Pengfei Wu, Shahid Hafeez, Muhammad Sohail, Mudassar Hussain and Muhammad Haroon U. Rashid. 2023. Antifungal Potential of Synthetic Chemicals and Phytoextracts towards Leaf Spot of Pongamia pinnata. *Journal of Xi'an Shiyou University, Natural Science Edition*. 19(05): 286-291. (X-category)
13. Muhammad Asif, Muhammad Farrakh Nawaz, Irfan Ahmad, Muhammad Haroon U Rashid, Taimoor Hassan Farooq, Muhammad Kashif, Sadaf Gul and Qian Li. 2023. Detrimental Effects of Induced Soil Compaction on Morphological Adaptation and Physiological Plasticity of Selected Multipurpose Tree Species. *Plants*, 12, 2468. <https://doi.org/10.3390/plants12132468>. (IF=4.76).
14. Rizwan Khan, Muhammad Tahir Siddiqui, Irfan Ahmad, Shoukat Ali. 2023. Estimation of carbon storage status and potential in irrigated forest plantations of Punjab. *Journal of Xi'an Shiyou University, Natural Science Edition*. 19(06): 1132-1158. (X-category)

15. Nawaz. M. F, R. Fatima, Gul. S, Rana. B, **Ahmad. I**, Naseer. J, Afzal. S, Yasin. G, Asif. M, Khan. S. H, Altaf. M. 2023. Study of human knowledge and attitude toward urban birds in Faisalabad city, Pakistan. *Brazilian Journal of Biology*. <https://doi.org/10.1590/1519-6984.249229>. (IF=1.36)
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19. **Ahmad. I**, Rashid. M. H. U, Nawaz. S, Asif. M, Farooq. T. H, Shahbaz. Z, Shaheen. M. 2022. Effect of different compost concentrations on the growth yield of *Bombax Ceiba* (Simal). *Natural Resources for Human Health*, 2(2): 222-227. <https://doi.org/10.53365/nrfhh/144578>. (HEC Recognized)
20. Talha Bin Yousaf, M.; Farrakh Nawaz, M.; Gul, S.; **Ahmad, I**; Rizwan. M; Yasin; Farooq. T. H. 2021. Eco physiological response of selected farm tree species under saline field conditions after treating with organic amendments during nursery stage. *Fresenius Environmental Bulletin*. 30(9):10951-10960. (IF=0.489).
21. Shaheen. HMF, **Ahmad I**, Khan SH, Hasan M. 2021. Screening of five multipurpose tree species for waterlogging tolerance using morphological and physiological response as effective indicators. *Pakistan Journal of Agricultural Sciences*. 58(2): 547-553.
22. Anjum. M .A, Javed. M. A, Yasin. G, **Ahmad. I**. 2021. Effect of Various Agroforestry Tree Species on Soil Chemical Properties of Irrigated Tree Plantation of Pakistan. *Journal of Tropical Forestry and Environment*. 11(1): 49-60. (HEC Recognized).
23. Ahmad. S, Khan. M. A, **Ahmad. I**, Iqbal. Z, Ashraf. I, Atiq. M, Ali. Y, Naseer. S. 2021. Efficacy of fungicides, plant extracts and biocontrol agents against *Ascochyta blight* (*Ascochyta rabiei*) of chickpea (*Cicer arietinum* L.) under field conditions. *Plant Science Today*. 8(2): 255–262. (HEC Recognized)
24. Yousaf. M. S, **Ahmad. I**, Haq. M A, Siddiqui. M. T, Khaliq. T, Berlyn. G.P. 2020. Morphophysiological response and reclamation potential of two agroforestry tree species (*syzygium cumini* and *vachellia nilotica*) against salinity. *Pakistan Journal of Agricultural Sciences*. 57(5): 1393-1401. (IF=0.618)
25. Azhar. M. F, Naseer. U, Aziz. A, Zafar. S, Qadir. I, Farooq. M, **Ahmad. I**, Anjum. K. 2020. Antioxidant and Phytochemical composition of Leaves, Stem and Root Extracts of *Withania coagulans* and *Withania somnifera*. *Z Arznei- Gewurzpfla*, 24 (1): 27–30. (IF=0.080)
26. Rashid, M. H. U, Farooq, T. H, Iqbal, W, Wsif, M, Islam, W, Lin, D. C, **Ahmad, I**, Wu, P. F. 2020. Role of indole acetic acid on growth and biomass production of athel tree (*Tamarix aphylla*) by using different cutting lengths. *Applied ecology and environmental research*, 18(3):8305-3816. (IF=0.689)
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29. Ahmad, R, S. Ali, M. Abid, M. Rizwan, B. Ali, A. Tanveer, **Ahmad. I**, M. Azam and M. A. Ghani. 2019. Glycinebetaine alleviates the chromium toxicity in *Brassica oleracea* L. by suppressing oxidative stress and modulating the plant morphology and photosynthetic attributes. *Environmental Science and Pollution Research*. doi.org/10.1007/s11356-019-06761-z. (IF=2.92).

30. Nawaz M. F, S Afzal, I. Qadir, S. Gul, G. Yasin, **I. Ahmad**. 2019. Variability in leaf mineral composition of *Moringa oleifera* in irrigated plains of Pakistan. South African Journal of Botany. Doi.org.10.1016/j.sajb.2019.11.025. **(IF=1.50)**.
31. Rashid. M. H. U, Asif. M, Farooq. T. H, Gautam. N. P, Nawaz. M. F, **Ahmad. I**, Gillani. M. M and WU. P. 2019. Cutting growth response of *Dalbergia sissoo* (Shisham) to soil compaction stress. Applied ecology and environmental research, 17(1):1049-1059. **(IF=0.74)**
32. Muddassar. H, Nawaz. M. F, Asif. M, **Ahmad. I**, Gul. S, Rasool. F, Yasin. G. 2019. Soil Compaction in agroforestry systems can affect the early stage growth of farm trees like *Vachellia nilotica* (L.) P.j.h. Hurter & mabb. FUUAST Journal of Biology, 9(1): 9-14. **(HEC recognized)**
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37. Nawaz. M. F, Yousaf. M. T. B, Yasin. G, Gul. S, **Ahmed. I**, Abdullah, M, Rafay, M, Tanvir, M. A, Asif, Afzal, S. 2018. Agroforestry status and its role to sequester atmospheric CO₂ under semi-arid climatic conditions in Pakistan. Applied ecology and environmental research, 16(1):645-661. **(IF=0.689)**
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41. **Ahmad. I**, A. Hannan, S. Ahmad, M. Asif, M. F. Nawaz, M. A. Tanvir, M. F. Azhar. 2017. Fungi Associated with Decline of Kikar (*Acacia nilotica*) and Red River Gum (*Eucalyptus camaldulensis*) in Faisalabad. International Journal of Biological, Bimolecular, Agricultural, Food and Biotechnological Engineering; 11 (2): 171-174. **(International-open access)**
42. Nawaz. M. F, S. A. Abbas, S. gul, S. Afzal, **I. Ahmad** and A. Ghaffar. 2017. Carbon sequestration and production of *Eucalyptus camaldulensis* plantations on marginal sandy agricultural lands. Pakistan Journal of Agricultural Sciences. Vol. 54(2), 335-342. **(IF=0.618)**
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46. **Ahmad. I.**, M. Atiq, Sadaf Gul, Abdul Hanan, Farrakh Nawaz, M. T. Siddiqui, M. Asif and Salman Ahmad. 2016. Dieback disease predictive model for sexually and asexually propagated *Dalbergia Sissoo* (Shisham). Pakistan Journal of Botany, 48 (4) 1645-1650. **(IF=0.9)**
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Books Edited/ Authored/Book Chapter

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2. M. Talha Bin Yousaf, M Farrakah Nawaz, Sadaf Gul, M Sajjad Haider, **Irfan Ahmad**, Ghulam Yasin and M. Zahid Farooq. **2023**. Application of Farmyard Manure in Sustainable Utilization of Animal Wastes to Reclaim Salt Degraded Lands In: Arshad, M. (eds) Climate Changes Mitigation and Sustainable Bioenergy Harvest Through Animal Waste. Springer, Cham. https://doi.org/10.1007/978-3-031-26224-1_13. Publisher: Springer.
3. **Irfan Ahmad**, Muhammad Asif, Haroon U Rashid, Salman Ahmad, Shakeel Ahmad, Abdul Jabbar, Zainab Shahbaz and Zoha Adil. **2023**. Forestry a Way Forward for Disaster Risk Reduction in Agriculture. In: Ahmed, M., Ahmad, S. (eds) Disaster Risk Reduction in Agriculture. Disaster Resilience and Green Growth. Springer, Singapore. https://doi.org/10.1007/978-981-99-1763-1_16.
4. Salman Ahmed, Fazal ur Rehman, Muhammad Adnan, **Irfan Ahmad**, Shakeel Ahmad, Muhammad Usman Ghazanfar, Ejaz Ashraf, Muhammad Asim, and Maria Kalsoom. Botanical Extracts for Rice Fungal Diseases. **2022**. N. Sarwar et al. (eds.), Modern Techniques of Rice Crop Production, Chapter 24, PP 471-492. https://doi.org/10.1007/978-981-16-4955-4_24. Publisher: Springer.
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Scientific Vulgarization (Urdu language)

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9. **Irfan Ahmad**, Muhammad Farrakh Nawaz and Muhammad Asif. 2018. Mausmiati taghayaro tabaddul, hamari zarooriat aur social forestry” (Climate change, our requirements and social forestry).Urdu Brochure, Funded by HEC, Pakistan, SIOP Project
10. **Irfan Ahmad**. 2021. Hakoomte-Pakistan ka 10 arab darakhat laganay ka shandar manssoba. Zarai Digest, July-September, 2021.
11. **Irfan Ahmad**, M Farrakh Nawaz, Muhammad Asif, Sohail Yousaf. 2021. Masial zadda arazi ki aslah bazria farmi shajakari. Zarai Digest, July-September, 2021.
12. Zoha Adil, **Irfan Ahmad**, M Atiq and M Asif. 2023. Mosmiati Tabdeeli ki waja say darakhton main sokhra pan. Zarai digest, January-March. Pp, 44-46.
13. Irfan Ahmad, Muhammad Harish aizer, Muhammad Asif, Zoha Adil. 2024. Zarat aur janglaat main inqilab bazria masnoi zahanat (artificial intelligence). January-March. Pp, 31-32.

Abstracts/Presentations in Conferences

- Husain. M. S, Nawaz. M. F, Ahmad. I and Afzal. S. 2016. Comparative effect of drought on Eucalyptus camaldulensis and Tamarix aphylla at their early stages of growth. In proceedings of 3rd International Conference on Global Environmental Changes. Department of environmental Sciences and Engineering, Government College University, March 21-22, Faisalabad, Pakistan.
- Ahmed. S, Khan. M.A, Iqbal Z, Ashraf. E, Aatif. M, Safder E, Ali. A and **Ahmad. I**. 2016. Development of metrological model to give prediction of Chickpea Blight (Ascochyta rabiei) in semi-arid-zone. In proceedings of IV International Ascochyta workshop, 10-11 October, Toria Portugal.
- **Ahmad. I**, B. Jabeen, M. F. Nawaz, M. Asif and T. Aziz. 2016. Effect of various salinity levels on the growth of different bamboo species. International conference on forestry and environment: Challenges and prospects, 21-22 November, Faisalabad, Pakistan.

- Anjum. M. Z, **I. Ahmad**, G. Yasin, m. Asif and Tariq Aziz. 2016. Long term effect of *Dalbergia sissoo* and *Eucalyptus camaldulensis* on soil physico-chemical properties. International conference on forestry and environment: Challenges and prospects, 21-22 November, Faisalabad, Pakistan.
- Arif. S, G. Yasin, M. F. Nawaz, **I. Ahmad**, M. Asif and M. A. Khan. 2016. Assessment of the actual carbon stocks and potential of carbon sequestration in farm trees in district Chiniot. International conference on forestry and environment: Challenges and prospects, 21-22 November, Faisalabad, Pakistan.
- **Ahmad. I**, Jabeen. B, Nawaz. M. F, Asif. M and Aziz. T. 2016. Effect of various salinity levels on the growth of different bamboo species. International conference on forestry and environment: Challenges and prospects, 21-22 November, Faisalabad, Pakistan.
- **Ahmad. I**, A. Hannan, S. Ahmad, M. Asif, M. F. Nawaz, M. A. Tanvir, M. F. Azhar. 2017. Fungi associated with decline of *Acacia nilotica* and *Eucalyptus camaldulensis* in Faisalabad. ICASQS 2017: International conference on agroforestry and soil quality improvement, 16-17 February, 2017, London, U.K.
- Husain. M. S, M. F. Nawaz, **I. Ahmad** and S. Afzal. 2016. Evaluation of different treatments for the management of chickpea blight under field conditions. 12th Arab congress of plant protection. Hurghada Egypt, 4-10 November, 2017.
- Mudassar Hussain, M. Farrakh Nawaz, Muhammad Asif, **Irfan Ahmad**, Sadaf Gul, Farah Ejaz and Faiz Rasool. 2018. Growth response of *Vachellia nilotica* (L.) against soil compaction. Ist International conference on soil and crop health in changing climate. MNS, University of Agriculture, Multan, November 28-29, 2018.
- Muhammad Naeem Shah, Farha Ejaz, Muhammad Farrakh Nawaz, Sadaf Gul, Mudassar Hussain, Ghulam Yasin and **Irfan Ahmad**. 2018. Assessing the agroforestry status and potential in Thal region of District Layyah. Ist International conference on soil and crop health in changing climate. MNS, University of Agriculture, Multan, November 28-29, 2018.
- Rizwan Khan, Muhammad Asif, **Irfan Ahmad**, Rao Muhammad Sajid Shareef, Ghulam Murtaza and Muhammad Waseem Iqbal. 2018. Growth response of *Tamarix aphylla* in relation to water use efficiency. Ist International and 2nd National conference on “Challenges and opportunities to boost agriculture in changing climate” College of Agriculture, BZU, Bahadur-Campus Layyah, Pakistan. March 26-28, 2018.
- Ghulam Yasin, Nawaz MF, Gul S, **Ahmad I**, Rasool F, Siddique MA, Sabir MA and Ejaz F. 2019. Estimation of carbon stock and CO₂ sequestration in four different aged linearly planted *Vachellia nilotica* in district Faisalabad. Conference on Innovations in Agriculture: Nourishing Pakistan in Changing Climate. February 13-15.
- M. Farrakh Nawaz, Shahzad Arif, Sadaf Gul, Farha Ejaz, Nebeel Khan Niazi and Irfan Ahmad. 2020.

Assessing the role of farm trees in mitigating climate change mitigation through carbon sequestration in Chiniot, Pakistan. International Symposium on plant life of Saudi Arabia. February 24-27.

- Salman Ahmad¹, Nazakat Hussain, Irfan Ahmad, Yasir Ali. 2021. Current status of fungal diseases of sunflower (*helianthus annuus* L.) in different areas of punjab. 7th International Conference of Pakistan Phytopathological Society November 21-23.
- Salman Ahmad, Muhammad Usman Ghazanfar, Eisa Muhammad, Irfan Ahmad. 2021. Current status of almond diseases in district Loralai and Ziarat. 7th International Conference of Pakistan Phytopathological Society November 21-23.
- Muhammad Bilal, Muhammad Farrakh Nawaz, Muhammad Asif, Muhammad Atiq, Amer Habib, Mehak Shaheen, Faiz Rasool, Zoha Adil and Irfan Ahmad. 2021. Assessment of various fungal diseases in forest nurseries at different location of Faisalabad. 7th International Conference of Pakistan Phytopathological Society November 21-23.

Foreign Conferences and Trainings Attended

1. Fourth China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange event in Zhengzhou, China, 02-12-2024 to 04-12-2024 as Co-organizer.
2. Third China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange event, Zhengzhou, China, 26-11-2023 to 28-11-2023 as Co-organizer.
3. 2nd China-Pakistan Tropical Arid Non-wood Forest science and technology exchange event November 26-28, 2022 Changsha, China
4. Technology Training Course on Bamboo Cultivation, Processing and Utilization for Developing Countries. China National Bamboo Research Centre, Hangzhou, China, 20-06-2012 to 14-08-2012
5. Attended International Conference Entitled “ICASQI 2017: 19th International Conference of Agroforestry and Soil Quality improvement held in **London** (United Kingdom) February 16-17, 2017.
6. Attended an International Conference on Agricultural, Biotechnology, Biosystems and Biological Engineering held in Amsterdam. The **Netherlands** during July 13-15, 2011.

International MOU and LOI

1. **Letter of intent** between UAF and Central South University of Forestry and Technology, Changsha, China as **Focal Person**.
2. **The Belt and Road Arid Non-wood Forest National Innovation Alliance Agreement** between UAF and Central South University of Forestry and Technology, Changsha, China as **Focal Person**.
3. Framework Agreement of Joint Graduate Education Program and Scientific Research Collaboration between Central South University of Forestry & Technology, China and UAF, Pakistan as **Focal Person** approved by the MoU/Agreement Advisory Committee.
4. **Letter of intent** between UAF, Pakistan and Northeast Forestry University, Harbin, China as **Focal person**.

Workshop/Trainings and Seminars

- A seminar on “Slow pace of Agriculture Biotechnology Adaptability: The Analysis and way forward” organized by University of Agriculture Faisalabad and Pakistan Biotechnology Information Centre (PABIC) & International Centre for chemical and biological science (ICCBS), Karachi. October 10, 2019.
- One-day workshop on “Papaya Production Technology” organized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad. February, 13, 2019.
- Certificate of participation in the tree plantation complain (forest and sustainable cities) and seminar on “International day of forest held at University of Agriculture Faisalabad on March 21, 2018.
- Certificate of honour on “World Environment day 2018, organized by department of Forestry and Range Management University of agriculture Faisalabad.
- International seminar on soil plant environment nexus in changing climate, organized by saline agriculture research center, institute of soil & environmental sciences, university of agriculture, Faisalabad- Pakistan.
- Two days training of presiding officer and sr. assistant presiding officer- GE 2018, organized by the election commission of Pakistan and the united nations development program
- Training workshop on “English for Academic purposes” under transforming English language skills organized by university of agriculture Faisalabad. December 12-14 2017.
- Training course on “Future prospect of agroforestry in sustainable rural/ community development” that was organized by department of forestry the Gambia on 13-15, 2016
- One-day workshop on strategic use of digital technology in university instruction, organized by U.S- Pakistan center for advance studies in agriculture & food security. October 17, 2016.
- One day “Hand on training of turnitin” organized by Director ORIC University of agriculture Faisalabad Pakistan. March 19, 2016
- Two days’ workshop on “Effective communication skills & innovation methods for extension & outreach” organized by U.S- Pakistan center for advance studies in agriculture & food security, on December 08-09, 2016
- Attended workshop on “Propagation of Healthy Shisham” organized by the Punjab Forest Department and ICIMOD, Nepal (March 2010, Avari Hotel Lahore).
- Training of trainers course “Fruits and Vegetable processing and Preservation Techniques” organized by Pakistan Horticulture Development and Export Company and Agribusiness development and Diversification project, Ministry of Food and Agriculture, Government of Pakistan. Held at (NIFST, UAF, July 13-18, 2010.

- Participated in the training workshop on “Identification of Plant Pathogenic Fungi”. (February, 08-09, 2011, Department of Plant Pathology, UAF)
- Participated in the training workshop on “Identification and Demonstration of Plant Parasitic and Beneficial Nematodes”. (February, 10-11, 2011, Department of Plant Pathology, UAF).
- Attended an international seminar on “Horticulture and Agribusiness in Developing Countries” on March 17, 2011, Organized by Embassy of Republic of Indonesia, Islamabad and University of Agriculture, Faisalabad.
- International Symposium on Sustainable Crop Improvement and Integrated Management, Sep 14-16, 2006, University of Agriculture, Faisalabad.
- Workshop on “Statistical methods for forestry research by using SPSS” February, 24-29, 2012, organized by Department of Mathematics and Statistics, University of Agriculture, Faisalabad.
- Attended a training entitled “An introduction to R. programming for statistical computing” organized by the Department of Math and Stat, U.A.F from 24th May to 14th June 2013 (16 Contact Hours).
- Participated in Three days AIT Cascading Workshop on “Ensuring Training Effectiveness” held on August 20-22, 2013, organized by the Higher Education commission, Islamabad and University of Agriculture, Faisalabad.
- Attended a workshop on “Tools and Techniques for Working as a Team” held on May 02-07, 2013, organized by the Office of the Senior Tutor, U.A.F.
- Attended Master class in Enquiry –Based learning at the University of Agriculture, Faisalabad, on 1st March, 2014, in collaboration with the University of Manchester, U.K.
- International seminar on “Global change and Pakistan perspective; Climate, water and agriculture nexus: a futuristic approach to fight hunger. 16th September, 2014.
- Grant Writing Workshop, Competitive Grants Program. Organized by U.S. Pakistan Centers for Advanced Studies in Agriculture/Food Security. June 01, 2015.
- Training program on “Decision Support System for Agro-Technology Transfer. Organized by U.S. Pakistan Centers for Advanced Studies in Agriculture/Food Security. Climate Change Chair 18-19 August, 2015.
- Organized a seminar on “Agroforestry on Marginal Lands in Khushab district” as Co- PI of the project and delivered a lecture on “Importance of Agroforestry”.
- One-day Workshop on Strategic Use of Digital Technology in University Instruction. Organized by U.S. Pakistan Centers for Advanced Studies in Agriculture/Food Security. October 17, 2016.
- Participated in numerous workshops organized in the university at new senate hall as well as in video conference rooms.

Events Organized: National/International

1. Conducted a training as **Resource Person** entitled “**Future Prospects of Agroforestry in Sustainable Rural/Community Development**” Ministry of Environment, climate change and Natural resources, **Gambia organized and funded** by Statistical, Economic and Social Research and Training Centre for Islamic Countries” (SESRIC) an organization of Islamic countries (OIC). **December 13-15, 2016.**
2. Seminar: **Agroforestry on problematic soils in Faisalabad and adjoining Districts**, organized as a **Convener** in New Senate Hall University of Agriculture Faisalabad March. 28, 2019.
3. Seminar: **Forests and Education organized as a Secretary** in CAS Auditorium, University of Agriculture Faisalabad March: 19, 2019.
4. **International Forest Day Seminar Forests and Sustainable cities** organized as a **Focal Person** in CAS Auditorium, UAF 21-03-2019.
5. Seminar: **Sarsabzo Shadab Programme of Pakistan Army** organized as a **Resource Person** in Gujranwala Cantonment Auditorium February: 11, 2019.
6. Seminar: **Sarsabzo Shadab Programme of Pakistan Army** organized as a **Resource Person** in Sialkot Cantonment Auditorium February: 12, 2019.
7. Seminar: **Sarsabzo Shadab Programme of Pakistan Army** organized as a **Resource Person** in Kharian Cantonment Auditorium July: 04, 2019.
8. **Farmer day/Tree plantation campaign, Organizer/Principal Investigator** at Proka Farm Area, UAF 15-10-2018
9. Seminar on “**Wood Testing and Utilization**” With the collaboration of Pakistan Navy organized as a **Focal Person/Convener** in DLC 2, UAF 14-11-2018.
10. **International Conference on Forestry and Environment: Challenges and Prospects** organized as a **Convener of the arrangement committee** in Old Senate Hall, November 21-22, 2016
11. **Seminar/Farmer Day on “Tree Plantation in Rural Areas” as an Organizer/PI** in Government High School, Chak No, 8 JB, Faisalabad
12. Seminar on “**Plant for Pakistan**” organized as a **Secretary** in New Senate Hall, UAF
13. National tree plantation day 2021 (Secretary)
14. International day of forests/Field seminar 2021 (Secretary)
15. Seminar entitled “Forest and Sustainable Production and Consumption” March 21, 2022. Funded by Endowment Fund Secretariat, UAF.
16. International Conference on Biodiversity and Biosafety (**Member of organizing committee**), May 27-29, 2024, University of Agriculture Faisalabad.
17. Northeast Forestry University, China and Pakistani Alumni meeting (Convener), May 23, 2024, Expo-center, UAF.

18. Academic session of delegation from Northeast Forestry University, China with students of UAF (**Focal person/Convener**), May 24, 2024, New Senate Hall, UAF.
19. Field seminar for celebrating International Day of Forests at PAROKA-II Farm of UAF (**Convener**), March 21, 2024. Funded by Endowment Fund Secretariat, UAF.
20. Seminar entitled “Forest and Food” March 21, 2025, at New Senate Hall, UAF (**Convener**) Funded by Endowment Fund Secretariat, UAF.

Funded Projects

As Principal Investigator (PI)

1. Uplifting the socioeconomic conditions of farming communities by promoting forestry/agroforestry on problematic soils in Faisalabad. **(1.896 million PKR)** funded by Endowment Fund Secretariat, UAF, Faisalabad (EFS). **2016-2019.**
2. Growth response of various sympodial bamboo species at different salinity levels. **(0.410 million PKR)** funded by **Higher Education Commission, Islamabad**, Pakistan in 2015-2016.
3. Promotion of social forestry in rural areas of Faisalabad to cope with climate change and wood shortage. **(0.920 million PKR)** funded by **Higher Education Commission, Islamabad**, Pakistan. **2018-2019.**

As Co-Principal Investigator (Co-PI).

1. Quantification of agro-forestry services and increment in agroforestry area in Khushab district through participatory approach (2.292 million PKR), funded by Endowment Fund Secretariat, UAF, Faisalabad (EFS) in 2012 for 36 Months.

Supervision of Research Students

	Under Supervision		Supervised	
	Supervisor	Member	Supervisor	Member
M.Sc. (Hons)	03	14	35	55
Ph.D.	04	03	05	06

Managerial Experience

- Chairman of the Department of Forestry and Range Management
- Working as incharge of the nursery and experimental area of the Department of Forestry and Range Management, University of Agriculture, Faisalabad, since 2013.
- Convener of Campus care and Tree Plantation Committee UAF
- Member of Ethics Committee, UAF
- Member of the central admission committee of B.Sc. (Hons), UAF.

- Manager of the University Football team (2011) during intervarsity championship, NED, University of Engineering and Technology, Karachi.
- Manager of University Table tennis team (2012) during intervarsity championship which was held at International Islamic University, Islamabad.
- Manager of university Kabaddi team during different intervarsities.
- Member of the student advisory committee of B.Sc. (Hons) 5th, 7th and 8th semester.
- Member of the management committee of kisan mela during 2013, 2014 and 2016.

Work Experience			
Job Title	Employer	Job Period	More info
Internship	Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Punjab, Pakistan	May 2004 to July 2004 (16 Weeks)	6 weeks of internship in project SAFDP (Saline agriculture Farmer Participatory Development Project in Pakistan) at Lodhran district. A report of 71 pages was produced to describe the achievements of Project and to predict its future targets and goals.
Lecturer (BPS-18)	University of Sargodha, Sargodha, Punjab, Pakistan	10-02-2007 to 10-08-2007	Teaching and Research
Lecturer (BPS-18)	University of Agriculture Faisalabad	11-08-2007 to 29-12-2013	Teaching and Research
Assistant Professor (TTS-19)	University of Agriculture Faisalabad	30-12-2013 to 27-10-2021	Teaching and Research, Incharge of nursery and Experimental area of the department Supervision of M.Sc.(Hons.) and Ph.D. students
Associate Professor (TTS-20)	University of Agriculture Faisalabad	28-10-2021 to date	Teaching and Research, Incharge of nursery and Experimental area of the department Supervision of M.Sc.(Hons.) and Ph.D. students

Languages	
Language	Proficiency
English	Fluent-Wide knowledge
Urdu	Fluent-Full knowledge
Punjabi	Fluent-Wide knowledge
Arabic	Fluent in reading

Computer Skills

1. Knowledgeable in MS word, Excel and PowerPoint

2. Knowledgeable in Software and hardware troubleshooting
3. Knowledgeable in statistical tools and software Minitab-2017 and Statistic 8.1

Countries Visited			
Country	City	Date/Duration	Purpose
Netherlands	Amsterdam	13-07-2011 to 26-07-11	Speaker in International Conference, Funded by HEC, Islamabad
Germany, France	Bonn and Paris	13-07-2011 to 26-07-11	Visit to University of Bonn and tourism
China	Hangzhou, Shanghai, Nanjing, Changsha, Beijing, Zhengzhou, Sanya	20-06-2012 to 14-08-2012 Nov 2022 Nov 2023	Training on bamboo cultivation, processing and utilization Central South University of Forestry and Technology, Changsha Participation in China-Pakistan tropical Arid Non-wood forest science and technology exchange events Chinese Society of Forestry
Kingdom of Saudi Arabia	Jeddah, Makkah and Medina	04-02-2014 to 19-02-2014	Performed Umrah
Gambia	Banjul	10-12-2016 to 19-12-2016	For conducting a training as resource person funded by SESRIC (OIC)
United Kingdom	London, Leicester	14-02-2017 to 23-02-2017	Speaker in International Conference, Funded by EFS, UAF

References				
Name	Title	Institution	Phone	Email
Dr. Muhammad Tahir Siddiqui (Pakistan)	Professor (Retd)	Department of Forestry and Range management, University of Agriculture Faisalabad.	+92-300-7900797	siddiquimt@yahoo.com
Dr. Shahbaz Talib Sahi (Pakistan)	Professor (Retd)	Department of Plant Pathology University of Agriculture Faisalabad	+92-321-6601081	shahbazsahi@uaf.edu.pk