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## CURRICULUM VITAE

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### **Alamgir Khan**

District Lakki Marwat, Province  
Khyber Pakhtunkhwa,  
PAKISTAN.

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### Research Interests

1. Ecological restoration
2. Dendrochronology
3. Soil and water conservation and desertification control
4. Ecosystem functioning
5. Forest and Wildlife Conservation and Management.

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### Scholastic Attainments

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Degree/Certificate	Institutions / College	Session
<b>PhD in Forestry/Soil and Water Conservation and Desertification Combating</b>	Beijing Forestry University, Beijing, China	2017-2020
<b>Chinese Language, HSK Level 4</b>	Beijing Forestry University, Beijing, China	2016-2017
<b>M.Phil. Botany</b>	University of Peshawar, Pakistan	2012-2015
<b>M.Sc. Forestry</b>	Pakistan Forest Institute Peshawar, Pakistan	2003-2005

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### Work Experience

1. Lecturer at Shaheed BB University, Sheringal Dir (U), Pakistan (August, 2007 to November, 2016).
  2. Assistant Professor at Shaheed BB University, Sheringal Dir (U), Pakistan (November, 2016 till date).
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### Conferences and Seminars

1. Seminar on “Where Do Trees Get Water” by Jeffery McDonald and Megall Nehemy, at BJFU, China (20 Sep 2019)
2. Seminar on “What Flux Towers Can Teach Us: Lessons from the Boreal Ecosystem Research and Monitoring Sites by “Alan Barr” Climate Research Division, Environment

- Canada, Global Institute for Water Security, at BJFU, China (17 Jul 2019)
3. Seminar on “ Herbivore Activity as a Driver of Ecosystem Structure and Function” by Dr. David Elderidge University of new south wales (Sydney), at BJFU, China (25 October 2018)
  4. Three days’ Workshop on the “importance of bamboo culture” at China National Convention Center, Olympic Park, Beijing China (Jun, 2018)

## Research Activities and Publication

1. **Khan, Alamgir**, Xiao Zhang, Kebin Zhang, Arshad Iqbal, Adnan Ahmad, Sajjad Saeed, Muhammad Hayat, and Xiaohui Yang. "TREE DISTRIBUTION PATTERN, GROWING STOCK CHARACTERISTICS AND BIOMASS CARBON DENSITY OF MONGOLIAN SCOTS PINE (*PINUS SYLVESTRIS* VAR. *MONGOLICA*) PLANTATION OF HORQIN SANDY LAND, CHINA." *Pak. J. Bot* 52, no. 3 (2020): 995-1002.
2. **Khan, A.**, Z. Muhammad, I. Ullsh, S. Khan, S. U. Khan, S. Abbas, S. M. Wazir, M. Hayat, and K. Zhang. "ANTIOXIDANT AND ANTIDIABETIC POTENTIAL VALUES OF *FARSETIA JACQUEMONTII* FROM BANNU DISTRICT, PAKISTAN." *APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH* 18, no. 1 (2020): 1509-1521.
3. **Khan, Alamgir**, Ihsan Ullah, Saad Ullah Khan, Kebin Zhang, Zair Muhammad, Sultan Mehmood Wazir, Faizan Ullah, Sher Shah, Liujiang Kang, and Manzoor Ullah. "Elemental and nutritional values of wild fodder plants of poaceae in District Bannu, Pakistan. *International Journal of Agronomy and Agricultural Research (IJAAR)* 13(5): p. 53-61, 2018"
4. **Alamgir Khan**, Adnan Ahmad, Ziaur Rahman, Rahmatullah Qureshi, and Juma Muhammad. "The assessment of carbon stocks in the oak scrub forest of Sheringal Valley Dir Kohistan." *Open Journal of Forestry* 5, no. 05 (2015): 510.
5. Ihsan, Ullah, Siraj ud Din, Faizan Ullah, Saad Uallh Khan, **Alamgir Khan**, Rahmat Ali Khan, Mir Sadiq Shah, and Zulqarnain Shah. "Floristic Composition, Ecological Characteristics and Biological Spectrum of District Bannu, Khyber Pakhtunkhwa, Pakistan." *Journal of Human Ecology* 54, no. 1 (2016): 1-11.
6. Amir, M., S. Saeed, X. D. Liu, A. Mannan, **Alamgir Khan**, Z. Z. Li, and M. A. Muneer. "Soil organic content of stands of different ages in a subtropical Chir pine (*Pinus roxburghii*) forest of Pakistan." *applied ecology and environmental research* 17, no. 5 (2019): 11475-11487.
7. Wahid, Abdul, Juma Muhammad, Allah Ditta, **Alamgir Khan**, Ali Murtaza, and Sajjad Saeed. "Conservation status of black bear (*Ursus thibetanus*) in the Kumrat valley, Pakistan." *Bioscience Research* 14 (4) (2017): 1230-1237.
8. Liu, Jiankang, Zhen Bian, Kebin Zhang, Bilal Ahmad, and **Alamgir Khan**. "Effects of different fencing regimes on community structure of degraded desert grasslands on Mu Us desert, China." *Ecology and Evolution* 9 (6) (2019): 3367-3377.
9. Nabi, Mohammad, Panyue Zhang, Juma Muhammad, Sajjad Saeed, Adnan Ahmad, Muhammad Amir, **Alamgir Khan**, Lou Jing, Muhammad Zubair, and Tao Xue. "Causes of *Dalbergia sissoo* Dieback in Dargai Forest Subdivision, Khyber Pakhtunkhwa, Pakistan. *Journal of Biodiversity and Environmental Sciences (JBES)* 12(5): p. 174-180, 2018"
10. Saeed, Sajjad, Sun Yujun, Mukete Beckline, Liping Chen, Bo Zhang, Adnan Ahmad, Abdul Mannan, **Alamgir Khan**, and Arshad Iqbal. "Forest edge effect on biomass carbon along altitudinal gradients in Chinese Fir (*Cunninghamia lanceolata*): A study from Southeastern China." *Carbon Management* 10, no. 1 (2019): 11-22.
11. Saeed, S., Sun, Y., Beckline, M., Chen, L., Lai, Z., Mannan, A., Ahmad, A., Shah, S., Amir, M., Ullah, T. and **Alamgir Khan**, 2019. Altitudinal gradients and forest edge effect on soil organic carbon in Chinese fir (*Cunninghamia lanceolata*): a study from southeastern China. *Applied Ecology and Environmental Research*, 17(1), pp.745-757.
12. Kwon, SeMyung, Leilei Pan, **Alamgir Khan**, and Kebin Zhang. "The effect of density

- gradient on spatial distribution and growth dynamics of natural *Pinus sylvestris* L. var. *mongolica* LITV. Pure forest in northeast china." Fresenius Environmental Bulletin 28, no. 5 (2019): 3963-3980.
13. Suleman Shah, Javed iqbal, Adnan Ahmad and **Alamgir Khan**. Soil organic carbon stock estimation in range lands of Kumrat Dir Kohistan KPK Pakistan. *Journal of Ecology and the Natural Environment*. 7(11): pp. 277-288, 2015
  14. Hayat, Muhammad, Tianshan Zha, Syed Moazzam Nizam, Saeed Gulzar, **Alamgir Khan**, Sundas Iqbal, and Muhammad Sadiq Khan. "PRODUCTIVE ROLE OF AGROFORESTRY SYSTEM IN CONTEXT OF ECOSYSTEM SERVICES IN DISTRICT DIR LOWER, PAKISTAN." *PAKISTAN JOURNAL OF BOTANY* 52, no. 4 (2020): 1411-1419.
  15. Hayat, Muhammad, Tianshan Zha, Xin Jia, Sundas Iqbal, Duo Qian, Charles P-A. Bourque, **Alamgir Khan** et al. "A multiple-temporal scale analysis of biophysical control of sap flow in *Salix psammophila* growing in a semiarid shrubland ecosystem of northwest China." *Agricultural and Forest Meteorology* 288 (2020): 107985.
  16. **Alamgir Khan**, Xiao Zhang, Kebin Zhang, Xiaohui yang, Adnan Ahmad, Muhammad Hayat. Dynamics of soil nutrients and stoichiometry with soil depth and stand characteristics in Mongolian scots pine (*Pinus sylvestris* var. *mongolica*) plantation forest in semi-arid area of China. *New Forests*. (**Under review**)
  17. **Alamgir Khan**, Ghulam Ali Bajwa, Kebin Zhang, Xiaohui Yang, Sajjad Saeed, Performance of Wheat Crop in Association with *Prosopis Cineraria* in Dry Tropical Thorn Forests, *Journal of Forestry Research*, (**Under review**).

### Research Projects Supported Grants

Project grants department	Project number	Responsibilities
National Natural Science Foundation of China	NSFC:31670710,31670708	Participation, experimentation, data collation
Fundamental Research Funds for the Central Universities	NO.2015ZCQ-SB-02	Data analysis, reporting
National Key Research and Development Program of China	No. 2016YFC0500905	Data collection, project writing

### References

Name	Title	Institute	Contact
Kebin Zhang	Professor	School of soil and water conservation. BJFU, Beijing China	Cell: 0086-13366655775 Email: <a href="mailto:ctccd@126.com">ctccd@126.com</a>
Yang Xiaohui	Professor	Institute of desertification studies. Chinese academy of forestry, Beijing China	Cell: 0086-13810782639 Email: <a href="mailto:yangxh@caf.ac.cn">yangxh@caf.ac.cn</a>
Siraj-ud-din	Professor.	University of Peshawar, Pakistan	Cell: 0092-3009038505 Email: <a href="mailto:sirajuddin61@yahoo.com">sirajuddin61@yahoo.com</a>