

Shahzad Khan (Ph.D.)



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Peshawar/KPK/Pakistan

Academic Background

Degree / Certificate	Major	Session	Institution/Board
Ph.D.	Agriculture Rural Development Studies in specialization with Appropriate Technology and Sciences for Sustainable Development	2013-2017	The University of Tsukuba (Japan)
M.Sc (Hons)	Development Studies in specialization with Rural Development	2007-2011	The University of Agriculture Peshawar Pakistan
B.Sc (Hons)	Development Studies in specialization with Rural Development	2003-2007	The University of Agriculture Peshawar Pakistan
HSSC	Pre-Engineering	2000-2001	BISE Peshawar Pakistan
SSC	Sciences	1998-1999	BISE Peshawar Pakistan

Academic Awards

1. Monbukagakusho Honors Scholarship for Privately Financed International Students Duration: October 2013~March 2014 (6month)
2. MEXT Scholarship: Japanese Government (Monbukagakusho) Scholarship Student for FY2014 under domestic application. Scholarship term was from October 2014 to March 2015
3. Japanese Government: SUPPER MEXT SCHOLARSHIP 2015-06-01 to 2015-11-30

Professional Experience

1. Master trainer

Project, implemented by RCDO in various cities of KPK, Pakistan / 1st Sept 2010 - Feb 2011

Responsibilities:

- Delivered training sessions on Parental participation in Schooling for their children
- Higher grades and test scores focused to polish each candidate.
- Human development enhancement workshops delivered as a part of training.
- Conducted community-based trainings on long-term academic achievements, positive attitude and behavior of child towards schooling.
- Designed training modules for Human right issues.

- Conducted awareness raising sessions for community members about youth leadership Program.
- Epitomized RCDO on different forums at district level, province level and in whole Pakistan.
- Developed activity-based reports and training-based reports.
- Had close coordination with the Department of Education and Cultural Studies, Government of Pakistan and Afghanistan.

2. Lecturer (Contract/Visiting)

Farabi Degree College Peshawar

- Developed English lesson plans in line with the National Curriculum.
- Solved Mathematical and statistical problems faced by the student.
- Created an exciting and friendly teaching atmosphere for the students from different cultures and backgrounds.

The University of Agriculture Peshawar, Amir Muhammad Khan Campus, Khyber Pakhtunkhwa Feb 2012- Feb 2013

Responsibilities:

- Delivered lectures related to development economics.
- Delivered lectures on rural development and sustainable development

3. Training in Arid Land Sciences Course (3 Years)

University of Tsukuba Ibaraki-Ken Japan / Oct 2013- March 2017

Learnings:

With semi-arid and an arid climate Pakistan has over 76.6 million hectares (Mha) agricultural land area. However, 23 (Mha) is appropriate for crop cultivation and about 25 % land of the total cultivated area is rain fed area. Thus, the rain fed area has multifarious tasks in order to achieve sustainable agriculture and food security challenges in the region. Therefore, to meet food security challenges, rural farmers in Pakistan bring all the pieces of available land under plough. But due to severe erosion and climatic disasters farmers in Pakistan faces many challenges. Thus, in order to improve sustainable agricultural practices arid land science course is an important factor to contribute in agricultural productivity.

4. Assistant Professor

COMSATS University of Information Technology Islamabad (Abbottabad Campus), Pakistan / Sept 2017-Sept 2018

Responsibilities:

- Joined and delivered classroom lectures to students.
- Evaluated students' class work and assignments.
- Prepared classroom and coursework materials, homework assignments, and handouts.
- Delivered the modern analytical tools through trainings to each student in the class.

5. Assistant Professor

Institute of Development Studies (IDS), the University of Agriculture Peshawar, Khyber Pakhtunkhwa Pakistan / Jan-2019 till to date.

Responsibilities:

- Delivering different training sessions on projects related to Sustainable Development Goals SDGs-2030.
- Provided coordination in both international and national research trainings & workshops on project management and sustainable rural livelihood.
- Supported the coordination of SDGs initiatives related to Sustainable Agricultural Development and Sustainable Natural Resources;
- Designed and conducted validation workshop for endorsement of Sustainable Agriculture Rural Development.
- Conducted consultations with different govt stakeholders Agriculture and Rural Development for SDGs 2030.
- Trained more researchers in resource allocation; Supported to Food Security and National Information Systems other analytical policy and research Assignments.

Trainings Delivered in Different Subject Areas

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|---|---|
| 1. Project Planning and Management | 9. Development Economics, |
| 2. Sustainable Rural Livelihood and Poverty | 10. Basic Econometrics, |
| 3. Gender and Rural Development | 11. Macro Economics and Micro Economics |
| 4. Introduction to Rural Development | 12. Human Resource Development |
| 5. Principle of Rural Development | 13. Demographic Issues |
| 6. Conflict Peace and Development | 14. Community Development |
| 7. Rural Social Institutions and Change | |
| 8. Agriculture Development Problems of Pakistan | |

Students Supervised

[Mohib Ullah and Shahzad Khan \(2020\)](#). Perception of Households Regarding Availability and Utilization of Health Care Services in District Peshawar.

[Muhammad Adil and Shahzad Khan](#) Role of Household Income in Food Security in District Malakand.

Skills

- English, Pashto, Dari, Urdu, Japanese (Beg)
- MS Office (Ms, Word, Ms Power Point, Ms Excel, Ms Access), SPSS, R-Statistics, STATA

Research Interests

- Sustainable Development Goals and its Impact on Policy Implementation.
- Sustainable agriculture and food security challenges in Pakistan.
- Returns to education and its impact on policy consequences in rural development of South Asia.
- The contribution of Non-Profit Organization educational achievements for South Asia.
- Household decision towards schooling of their children in rural Pakistan.
- Did research on Pakistan Social and Living Standards Measurement Survey (PSLM 2013-2014) Data Analysis.

Current Projects:

- The impact of Benazir Income Support program in poverty evaluation in rural Khyber Pakhtunkhwa. (Working as PI).

- Role of appropriate technologies in arid and semi-arid land towards sustainable agricultural rural development of Pakistan. (Working As PI-Under Review)

List of Publications

1. I. Jan*, S. Khan and T. Mahmood., 2021 EFFECTS OF RAINWATER HARVESTING ON YIELD OF WHEAT AND MAIZE CROPS IN PAKISTAN. Pak. J. Agri., Agril. Engg., Vet. Sci., 2021, 37 (1): 29-35.
2. Ghulam Sadiq Afridi, Abdul Jabbar, Shahzad Khan, Nadeem Akmal., 2021. An Analysis of Food Insecurity in Pakistan: Prevalence of undernourishment (PoU) and Food Insecurity Experience scale(FIES).Journal of Applied Economics and Business Studies.5(1).
3. Khan, S., M. Khan, A. Alam, I. Shah, M. Khan and F.M. Khan. 2021. Factors affecting wheat productivity of small farm households in the rural district Charsadda. Sarhad Journal of Agriculture, 37(3): 1089-1097.
4. Khalid, Z., Naseer, M.A.R., Ullah, R. and Khan, S., 2021. Measuring the global trade competitiveness of Pakistan's cotton crop. Sarhad Journal of Agriculture, 37(1), pp.158-166.
5. Alam, A., Faridullah, I. Shah, S. Khan, N. Elahi and E. Inamullah. 2020. Estimation of farm level technical efficiency in maize production at the high mountain north region of Pakistan. Sarhad Journal of Agriculture, 36(4): 1054-1062.
6. S. Khan, M. Khan, I. Jan, M. Khan, & F. Khan. 2020. Determinants of Sugarcane Yield in District Charsadda, Pakistan. Sarhad Journal of Agriculture, 36(4): 1141-1148.
7. Haseeb F, Shahzad Khan, Sajid Khan, Arif Alam, & Ikram Shah 2020. Role of Peace Education in Sustainability and Development of Pakistan. International Journal of Economics and Financial Issues. Vol 10, Iss.5, Pages, 317-326.
8. Khan, S., I. Jan and S.F. Shah. 2020. Informal tenancy contracts and sustainable agriculture challenges in rural Pakistan. Sarhad Journal of Agriculture, 36(1): 143-152.
9. Shahzad, K. H. A. N., LURHATHAIOPATH, P., & MATSUSHITA, S. 2017. Expectation Returns and Households Decision in the Schooling of their Children in Khyber Pakhtunkhwa Pakistan. Educational Research and Reviews, 12(8), 502-512.
10. Khan S, Puangkaew L and Shusuke M. 2016. Primary Education and its Consequences towards Economic Trend In South Asia. A Review of Previous Literature, International Journal of Educational Research And Development, Volume 5, No.2 Pp 019-032.
11. Khan S, Puangkaew L and Shusuke M. 2016. The contribution of international community and the Dynamics of History in Educational Policies in Pakistan: the case of success or failure, International Journal of Current Research, Vol. 8, No. 2, pp 150-156.
12. Khan. S., 2014. Effects of Community Based Schools in Promotion of Education Established by Khwendokor in Rural Areas of Khyber Agency, Pakistan, American International Journal of Research in Humanities, Arts and Social Sciences, 14-450.
13. Shahzad Khan., 2020. Dynamics of Dropout from Primary School and Challenges for SDG-4 in South Asia. Journal of Development Studies.
14. Muhammad Adil and Shahzad Khan,2021. Sustainable Livelihood and Its Impact on Food Security of Small Farm Household in Rural Pakistan. Sarhad Journal of Agriculture. **Under Review.**
15. Shahzad Khan, and Muhammad Adil,M. Amir, Fida Muhammad Khan 2021. Food Consumption Outlines and Sustainable Food Security among Low-Income Households in rural Pakistan. Pak. J. Agri., Agril. Engg., Vet. Sci., 2022,38(1):9094
16. Shahzad Khan, Himayatullah Khan, Noor Jahan, Vishal Dagar. Study on Factors Affecting Tobacco Yield of Small Farm Households in Rural Pakistan. International Journal of agricultural and statistical sciences. **Accepted**

17. **S. Amir, Shahzad Khan, Asif Ali Abro, Ehsan Inamullah., 2022.** Transforming the Livelihood of Rural Households: A Case of Successful Adoption of Biogas Technology in Khyber Pakhtunkhwa, Pakistan. Sarhad Journal of Agriculture,38(3):885-893.
18. **Mir Afzal Khan, Fida Muhammad Khan, Shahzad Khan, Ehsan Inamullah., 2022.** Deforestation and its effect on sustainable livelihood of rural households in Pakistan. Sarhad Journal of Agriculture. **Under review.**
19. **Ehsan Inam Ullah¹, Shahzad Khan^{2*}, Fatima Waheed¹ and Sadiq Ullah Baig.,2022.** Effects of Altitude on Socio-Economic Conditions and Environmental Sustainability of Farm Households in North Pakistan (A case study of Namli Maira, Hazara Division).Pak. J. Agri., Agril. Engg., Vet. Sci., 2022 **(under review).**
20. **Amir Shakeel and Shahzad Khan.,2022.** EFFECTS OF SOLAR TUBE WELLS ON SUSTAINABLE LIVELIHOOD OF THE HOUSEHOLDS IN RAIN FED AREAS OF DISTRICT MARDAN. Pak. J. Agri., Agril. Engg., Vet. Sci., 2022 **(Under review).**
21. **M. Yousaf and Shahzad Khan.2022.** ROLE OF FORESTRY IN SUSTAINABLE INCOME OF FARM HOUSEHOLDS IN RURAL DISTRICT DIR UPPER. Sarhad Journal of Agriculture. **Under review.**

Presentations

Oral Presentation 24, Nov. (2016). Expectation returns and household decision in the Schooling of their children in Khyber Pakhtunkhwa, Pakistan. The International Conference of Life Sciences and Biological Engineering Kyoto Japan.

Oral Presentation 30, June. (2021). Sustainable Agriculture Practices and its Effect on Small Farm Household's Income in Rural Khyber Pakhtunkhwa. The international Conference on sustainable farming through intervention of agricultural mechanization and renewable energy technologies. The University of Agriculture Peshawar.

References

References will be provided when required.