

CURRICULUM VITAE

PERSONAL DETAILS

Name	Raza Ullah
Date of Birth	1 st February 1984
Nationality	Pakistani
Address (Permanent)	Village and P.O. Regi, Rokezai, Tehsil and District Peshawar Pakistan
Address (Present)	House# 79C, Lasani Gardens, Faisalabad
Affiliation	Associate Professor, Institute of Agricultural and Resource Economics, University of Agriculture, Faisalabad Pakistan
HEC approved PhD Supervisor	Yes
Scopus H-Index	19
Web of Science H-Index	16
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EDUCATION

Title of Qualification	Doctor of Philosophy (PhD)
Field of Study	Agricultural Systems and Engineering (Specialization in Agricultural Economics)
School	School of Environment, Resources and Development
Session	2011-2014
Name of Institution	Asian Institute of Technology (AIT), Thailand
Title of Qualification	M.Sc. (Hons.)
Specialization	Agricultural Economics
CGPA	3.70/4.00
Percentage	83.73%
Session	2008-2009
Name of Institution	University of Agriculture, Peshawar-Pakistan
Title of Qualification	B.Sc. (Hons.)
Specialization	Agricultural Economics
CGPA	3.57/4.00
Percentage	79.56%
Session	2004-07
Name of Institution	University of Agriculture, Peshawar-Pakistan
Title of Qualification	Intermediate (2003)
Specialization	Pre-Medical
Marks	639/1100 (58.09%)
Board	Board of Intermediate and Secondary Education Peshawar
Title of Qualification	Matric (2001)
Specialization	Sciences
Marks	628/850 (73.88%)
Board	Board of Intermediate and Secondary Education Peshawar

RESEARCH & PROFESSIONAL EXPERIENCE

- Associate Professor, Institute of Agricultural and Resource Economics, University of Agriculture, Faisalabad Pakistan (December 16, 2023 till date).
- Assistant Professor, Institute of Agricultural and Resource Economics, University of Agriculture, Faisalabad Pakistan (August 8, 2016 to December 15, 2023).
- Assistant Professor, Department of Agricultural and Applied Economics, University of Agriculture Peshawar-Pakistan (30th April 2015 to 29th April 2016).
- 1 month working experience with International Rescue Committee (IRC) as Enumerator in Emergency Food Security Assessment (EFSA).
- 9 months working experience with the International Rescue Committee (IRC) Pakistan as Protection surveyor in IDPs Vulnerability Assessment and Profiling (I-VAP).

RESEARCH PROJECTS AND FUNDING

S. No	Title of the project	Role	Funding Agency	Year
1	Economic Study on Planting Trees and Shrubs on Saline-Affected Farms in the Southern Indus Basin	PI	ACIAR/University of Canberra	2025
2	Research and Analysis of Existing Local Groundwater and Salinity Management Practices in Khanewal, DG Khan, Sanghar and Umerkot Districts	Team Member (Economic Analysis)	Food and Agriculture Organization (FAO)	2024
3	Assessment of Capacity Gaps in use of Safety Measures by Pesticide Spraying Labor	Co-PI	Centre for Agriculture and Biosciences International (CABI)	2024
4	Capacity Building Workshop on Ensuring urban food security by regulating agricultural supply chains and discouraging non-agricultural land use changes in peri-urban areas of mega cities	Co-PI	Alliance of International Science Organizations (ANSO)	2023-24
5	Institutional Dynamism and Performance of Irrigation Systems amid Climate, Demographic and Market Changes: Cases from Pakistan	Co-PI	Endowment Fund Secretariat, University of Agriculture Faisalabad, Pakistan	2023-24
6	Food Safety Knowledge, Attitudes and Practices of Rural and Urban Consumers in Pakistan	Team Lead	Centre for Agriculture and Biosciences International (CABI)	2022-23

7	Agro-Ecological Zones (AEZs) of Punjab-Pakistan	Team Member	Food and Agriculture Organization (FAO)	2019-20
8	Disaster Risk Management at Farm Level: Food Security and Household Welfare Perspectives	PI	Higher Education Commission (HEC) Pakistan	2017
9	Vulnerability and Resilience of Farm Households to Flood Risk in Punjab: an Empirical Analysis	Co-PI	Higher Education Commission (HEC) Pakistan	2017
10	Market Committees in Pakistan: A Historical Perspective on their Inception to the Current Status of Service Delivery	Co-PI	US-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS), University of Agriculture Faisalabad	2017-18
11	Crop Production for Food Security and Rural Poverty Baseline and Pilot Modelling	Team Lead (Economic Analysis)	Mekong River Commission (MRC), Phnom Penh, Cambodia	2013-14

BOOKS AND BOOK CHAPTERS

BOOKS

- **Raza Ullah**, Shubhechhha Sharma, Makoto Inoue, Sobia Asghar and Ganesh P. Shivakoti. (2021). Natural Resource Governance in Asia: From Collective Action to Resilience Thinking. Elsevier, ISBN: 9780323857291.
- Rudi Febriamansyah, Yonariza, **Raza Ullah** and Ganesh P. Shivakoti. (2017). Reciprocal Relationship between Governance of Natural Resources and Socio-Ecological Systems Dynamics in West Sumatra Indonesia. Elsevier, ISBN: 978-0-12-805451-2.

BOOK CHAPTERS

- 1) Farhad Zulfiqar, Raza **Ullah** and Muhammad Asif Kamran. (2024). Food Availability: Stock Maintenance Policies. In Bashir et al. (Eds.) Food Security in the Developing World. John Willey and Sons Ltd. NJ, USA.
- 2) **Raza Ullah**, Makoto Inoue, Ganesh P. Shivakoti and Shubhechhha Sharma. (2021). Managing Natural Resources in Asia: Challenges and Approaches. In: Ullah et al., (Ed.). Natural Resource Governance in Asia: From Collective Action to Resilience Thinking. Elsevier, <https://doi.org/10.1016/B978-0-323-85729-1.00001-3>.
- 3) Muhammad Asif Kamran, **Raza Ullah** and Ganesh P. Shivakoti. (2021). Analysis of water management institutions and systems of Pakistan using key debates, controversies and changing future landscape. In: Ullah et al., (Ed.). Natural Resource Governance in Asia:

From Collective Action to Resilience Thinking. Elsevier, <https://doi.org/10.1016/B978-0-323-85729-1.00016-5>.

- 4) Farhad Zulfiqar, Mazhar Zubair and **Raza Ullah**. (2021). Climate-Induced Water Scarcity and the Effectiveness of Community Based Water Resource Management. In: Ullah et al., (Ed.). Natural Resource Governance in Asia: From Collective Action to Resilience Thinking. Elsevier, <https://doi.org/10.1016/B978-0-323-85729-1.00024-4>.
- 5) **Raza Ullah** and Mazhar Zubair. (2021). Irrigation Water Management under Climate Change: Local Perceptions and Adaptation. In: Ullah et al., (Ed.). Natural Resource Governance in Asia: From Collective Action to Resilience Thinking. Elsevier, <https://doi.org/10.1016/B978-0-323-85729-1.00022-0>.
- 6) Shubhechha Sharma, Ganesh P. Shivakoti and **Raza Ullah**. (2021). Using System Archetypes to Understand Natural Resource Management Issues in Asia. In: Ullah et al., (Ed.). Natural Resource Governance in Asia: From Collective Action to Resilience Thinking. Elsevier, <https://doi.org/10.1016/B978-0-323-85729-1.00013-X>.
- 7) **Raza Ullah**, Farhana Gul and Syed Asif Ali Naqvi (2017) “Impacts of Climate Change on Agriculture and Natural Environment: The Need for Collective Global Actions (pp 155-180)” in “Principles of Agricultural & Resource Economics (ISBN 978-969-7705-10-8)”. Published by University of Agriculture Faisalabad, Pakistan.
- 8) Ganesh P. Shivakoti, **Raza Ullah** and Ujjwal Pradhan (2017) “Challenges of Sustainable Natural Resources Management in Dynamic Asia (pp 3-12)” in “Sustainable Natural Resources Management in Dynamic Asia”, Published by Elsevier. Doi: <http://dx.doi.org/10.1016/B978-0-12-805454-3.00001-3>.
- 9) **Raza Ullah**, Ganesh Shivakoti and Helmi (2017) “Managing Dynamic Natural Resources in 21st Century in Asia (pp 371-385)” in “Sustainable Natural Resources Management in Dynamic Asia”, Published by Elsevier. Doi: <http://dx.doi.org/10.1016/B978-0-12-805454-3.00020-7>.
- 10) **Raza Ullah**, Rudi Febriamansyah and Yonariza (2017) “Challenges of Managing Natural Resources in West Sumatra Indonesia (pp 1-10)” in “Reciprocal Relationship between Governance of Natural Resources and Socio-Ecological Systems Dynamics in West Sumatra Indonesia”, Published by Elsevier. Doi: <http://dx.doi.org/10.1016/B978-0-12-805451-2.00001-6>.
- 11) **Raza Ullah** (2017) “Methodological Approaches in Natural Resource Management (pp 11-18)” in “Reciprocal Relationship between Governance of Natural Resources and Socio-Ecological Systems Dynamics in West Sumatra Indonesia”, Published by Elsevier. Doi: <http://dx.doi.org/10.1016/B978-0-12-805451-2.00002-8>.
- 12) **Raza Ullah**, Yonariza and Ujjwal Pradhan (2017) “Towards an Effective Management of Dynamic Natural Resources (pp 221-230)” in “Reciprocal Relationship between Governance of Natural Resources and Socio-Ecological Systems Dynamics in West Sumatra Indonesia”, Published by Elsevier. Doi: <http://dx.doi.org/10.1016/B978-0-12-805451-2.00017-X>.

MANUALS/REPORTS/FEASIBILITY STUDIES

- i. Feasibility study of “Chief Minister Punjab Green Tractor Scheme 2024” for Agriculture Department, Government of Punjab, Pakistan during June-July, 2024.

- ii. Feasibility study of “Prime Minister’s National Programme for Solarization of Agricultural Tube Wells – Punjab Component” for Agriculture Department, Government of Punjab, Pakistan during July, 2023.
- iii. Agro-Ecological Zones (AEZs) of Punjab-Pakistan for Government of Punjab in collaboration with Food and Agriculture Organization (FAO) of the United Nation during 2018-19. The document is available online at <https://www.fao.org/3/ca6938en/ca6938en.pdf>.

JOURNAL PAPERS

- 1) Ullah, Z., Hassan, S., Abbas, A. and **Ullah, R.** (2024). A Comprehensive Farm Efficiency Analysis of Apple Growers in Newly Merged District South Waziristan. *Journal of Economic Impact*, 6 (1) 2024. 44-52.
- 2) Ullah, A., **Ullah, R.**, Khair, S. M., Ali, A. & Samie, A. (2024). The Nexus of Socioeconomic, Technological and Environmental Factors Influencing the Adoption of High-Efficiency Irrigation Systems (HEIS): A Case Study of the Highland Balochistan, Pakistan. *Journal of Xi'an Shiyu University, Natural Science Edition*, 20 (5): 774-785.
- 3) **Ullah, R.**, Sarwar, I., Amir, S. M., Muzamil, M. R. and Inamullah, E. (2023). Risk Tolerance and Investment Decisions among Credit Beneficiaries. *Journal of Economic Impact*, 5 (3) 2023. 211-216.
- 4) **Ullah, R.**, Moeed, A., Muzamil, M. R., Amir, S. M., Usman, M. and Mahmood, T. (2023). Managing Financial Risks at Household Level: Empirical Evidence from Faisalabad, Pakistan. *Int. J. Agr. Ext.* 11 (03) 2023. 243-251.
- 5) Alotaibi, B.A., Abbas, A., **Ullah, R.**, Azeem, M. I., Samie A., Muddassir, M., Dabiah A.T., Raid, M., and Sadaf, T. (2023). Dynamics and Determinants of Farmers’ Perceptions about Causes and Impacts of Climate Change on Agriculture in Saudi Arabia: Implications for Adaptation, Mitigation, and Sustainability. *Atmosphere*, 2023, 14, 917.
- 6) Younas, M., Qamar, W., Ahmed, R., **Ullah, R.**, Hassan U., Tariq, M. and Hassan, I. (2023). Comparative economics of manual and mechanical rice transplantation in District Sheikhpura. *Journal of Agriculture and Food*, 3(2): 11-23.
- 7) Abbas, Q., Han, J., Bakhsh, K., **Ullah, R.**, Kousar, R., Adeel, A. and Akhtar, A. (2022). Adaptation to climate change risks among dairy farmers in Punjab, Pakistan. *Land Use Policy*, 119 (2022) 106184.
- 8) Ge, T., Abbas, J., **Ullah, R.**, Abbas, A., Sadiq, I., and Zhang, R. (2022). Women’s Entrepreneurial Contribution to Family Income: Innovative Technologies Promote Females’ Entrepreneurship amid COVID-19 Crisis. *Frontiers in Psychology*, 10.3389/fpsyg.2022.828040.
- 9) Hafiz Z. Mehmood, H. Z., Abbas, A., Hassan, S., **Ullah, R.** (2022). Socio-economic, farm, and information variables influencing farmer’s decision to adopt a sustainable way of cotton production. *International Journal of Agricultural Extension*, Doi: [10.33687/ijae.010.01.4010](https://doi.org/10.33687/ijae.010.01.4010)
- 10) Khan, I. A., Rafiq, M., Panezai, S., Saqib, S.E., **Ullah, R.** and Atiq, M. (2022). How do farmers cope with climate change? An analysis of alternative adaptation strategies in drought-hit areas of Khyber Pakhtunkhwa—Pakistan. *Natural Hazards*, <https://doi.org/10.1007/s11069-022-05264-4>.

- 11) Alotaibi, B.A., Abbas, A. **Ullah, R.** Nayak, R.K. Azeem, M.I. Kassem, H.S. (2021). Climate Change Concerns of Saudi Arabian Farmers: The Drivers and Their Role in Perceived Capacity Building Needs for Adaptation. *Sustainability*, 2021, 13, 12677. <https://doi.org/10.3390/su132212677>.
- 12) Usman, S., Saghir, A., Chaudhry, K. M., Kousar, R., and **Ullah, R.** (2021). Identifying Root Causes of Conflicts at Farm Level and Conflicts Resolution Strategies in Punjab, Pakistan. *International Journal of Agricultural Extension*, 09 (02): 193-200.
- 13) Akhtar, S., Abbas, A., Kassem, H.S., Bagadeem, S., **Ullah, R.**, and Alotaibi, B. A. (2021). Sustainable Crop Production, the Concurrent Adoption of Contract Farming, and Managing Risks through Income Diversification. *Agronomy*, 2021, 11, 973.
- 14) Zulfiqar, F., Abid, M., **Ullah, R.**, and Shahzad, S. (2021). Water management under climate change: The role of water commons and policy options. *Water and Environment Journal*, DOI: 10.1111/wej.12711.
- 15) Khalil, I.U., Hena, S., Ghani, U., **Ullah, R.**, Jan, I., Rauf, A., Rehman, A., Abbas, A. and Jingdong, L. (2021). Development and Sustainability of Rural Economy of Pakistan through Local Community Support for CPEC. *Sustainability*, 13 (2021), 686. <https://doi.org/10.3390/su13020686>.
- 16) Khalid, Z., M.A.R. Naseer, **R. Ullah** and S. Khan. 2020. Measuring the global trade competitiveness of Pakistan's cotton crop. *Sarhad Journal of Agriculture*, 37(1): 158-166.
- 17) Ain, Q., **Ullah, R.**, Kamran, M. A., and Zulfiqar, F. (2020). Air pollution and its economic impacts at household level: willingness to pay for environmental services in Pakistan. *Environmental Science and Pollution Research*, 28, 6611–6618(2021) DOI: 10.1007/s11356-020-11023-4
- 18) Mohiuddin, I., Kamran, M. A., Jalilov, S. M., Ahmad, M., Adil, S. A., **Ullah, R.**, and Khaliq, T. (2020). Scale and Drivers of Female Agricultural Labor: Evidence from Pakistan. *Sustainability*, 12 (2020): 6633; doi:10.3390/su12166633.
- 19) Kousar, R., Makhdom, M. S. A., **Ullah, R.**, Saghir, A., Usman, S. and Sadaf, T. (2020). Empirical Investigation of Impact of Land Fragmentation on Crop Productivity in Punjab, Pakistan. *Sarhad Journal of Agriculture*, 36(1): 217-223.
- 20) Ali, M. F., Ashfaq, M., Hassan, S., and **Ullah, R.** (2020). Assessing Indigenous Knowledge through Farmers' Perception and Adaptation to Climate Change in Pakistan. *Polish Journal of Environmental Studies*, 29(1): 525-532.
- 21) **Ullah, R.**, Shivakoti, G. P., Kamran, M. A., and Zulfiqar, F. (2019). Land Ownership and Catastrophic Risk Management in Agriculture: The Case of Khyber Pakhtunkhwa Province of Pakistan. *International Journal of the Commons*, 13(2): 881–891. DOI: <https://doi.org/10.5334/ijc.896>.
- 22) Abbas, Q., Han, J., Adeel, A., and **Ullah, R.** (2019). Dairy Production under Climatic Risks: Perception, Perceived Impacts and Adaptations in Punjab, Pakistan. *International Journal of Environmental Research and Public Health*, 16 (2019): 4036. doi:10.3390/ijerph16204036.

- 23) Kousar, R., Sadaf, T., Makhdom, M. S. A., Iqbal, M. A., and **Ullah, R.** (2019). Competiveness of Pakistan's Selected Fruits in the World Market. *Sarhad Journal of Agriculture*, 35(4): 1175-1184.
- 24) Shah, A. A., Yea, J., Shaw R., **Ullah, R.**, and Ali, M. (2019). Factors affecting flood-induced household vulnerability and health risks in Pakistan: The case of Khyber Pakhtunkhwa (KP) Province. *International Journal of Disaster Risk Reduction*, 42 (2020) 101341. Doi: <https://doi.org/10.1016/j.ijdrr.2019.101341>.
- 25) Khan, A., Ali, S., Shah, S. A., Khan, A. and **Ullah, R.** (2019). Impact of Climate Change on Maize Productivity in Khyber Pakhtunkhwa, Pakistan. *Sarhad Journal of Agriculture*, 35(2): 594-601.
- 26) **Ullah, R.** and Shah, J. (2019). Economic Costs of Managing Climatic Risks in Agriculture: Evidences from Khyber Pakhtunkhwa Province of Pakistan. *Sarhad Journal of Agriculture*, 35(1): 155-160.
- 27) Akhtar, S., Gu-cheng, L. Nazir, A., Razzaq, A., **Ullah, R.**, Faisal, M., Naseer, M. A. and Muhammad Raza, M. H. (2018). Maize production under risk: The simultaneous adoption of off-farm income diversification and agricultural credit to manage risk. *Journal of Integrative Agriculture*, 18(2):460-470.
- 28) Iqbal, M. A., Ping, Q., Abid, M., Abbas, A., Bashir M. K., and **Ullah, R.** (2018). Extent and Determinants of Rural Poverty in Pakistan: Role of Adopting Risk Management Strategies. *The Journal of Animal and Plant Sciences*, 28(6):1835-1845.
- 29) Shah, A. A., Ye, J., Pan, L., **Ullah, R.**, Shah, S. I. A., Fahad, S., Naz, S. (2018). Schools' Flood Emergency Preparedness in Khyber Pakhtunkhwa Province, Pakistan. *International Journal of Disaster Risk Science*, 9(2018); 181-194. DOI 10.1007/s13753-018-0175-8.
- 30) Shahzad, M., Jan, A. U., Ali S., and **Ullah, R.** (2018). Supply Response Analysis of Tobacco Growers in Khyber Pakhtunkhwa: An ARDL Approach. *Field Crops Research*, 218(2018): 195-200.
- 31) Iqbal, M.A., Abbas, A., **Ullah, R.**, Ahmed, U.I., Sher A. and Akhtar, S. (2017). Effect of Non-farm income on poverty and income inequality: farm households evidence from Punjab province Pakistan. *Sarhad Journal of Agriculture*, 34(2): 233-239.
- 32) Akhtar, S., Gu-Cheng, L., **Ullah, R.**, Nazir, A., Iqbal, M. A., Raza, M. H., Iqbal, N., and Faisal, M. (2017). Factors influencing hybrid maize farmers' risk attitudes and their perceptions in Punjab Province, Pakistan. *Journal of Integrative Agriculture*, 17(6): 1454–1462.
- 33) **Ullah, R.**, Safi, Q.S., Ali, G., and Ullah, I. (2017). Who Gets What? Citrus Marketing in Bunir District of Pakistan. *Sarhad Journal of Agriculture*, 33(3): 474-479.
- 34) Abbas, A., Akhter, W., Butt, M., **Ullah, R.**, and Iqbal, M. A. (2017). Potential of Livestock TAKKAFUL in Pakistan: An Empirical Investigation. *Sukkar IBA Journal of Economics and Finance*, 1(1): 29-37.
- 35) **Ullah, R.**, Shivakoti, G. P., Zulfiqar, F. and Iqbal, M. N. (2017). Disaster Risk Management in Agriculture: Tragedies of the Smallholder. *Natural Hazards*, 87 (2017): 1361-1375.

- 36) Lu, W., Latif, A. and **Ullah, R.** (2017). Simultaneous adoption of contract farming and off-farm diversification for managing agricultural risks: The case of flue-cured Virginia tobacco in Pakistan. *Natural Hazards*, 86(2017): 1347-1361.
- 37) Shah, A. A., Ye, J., Abid, M., and **Ullah, R.** (2017). Determinants of flood risk mitigation strategies at household level: a case of Khyber Pakhtunkhwa (KP) province, Pakistan. *Natural Hazards*, 88(2017): 415-430.
- 38) **Ullah, R.**, Rehman, M., Anjum, A., Kamran, M. A., Bakhsh, K., and Saboor, A. (2016). Navigating farming risks by simultaneous diversification and credit through formal and informal communication Channel. *Pakistan Journal of Agricultural Research*, 29 (4): 381-391.
- 39) **Ullah, R.**, Shivakoti, G. P., Zulfiqar, F., and Kamran, M. A. (2016). Farm risks and uncertainties: sources, impacts and management. *Outlook on Agriculture*, 45(3): 199-205.
- 40) Zulfiqar, F., **Ullah, R.**, Abid, M., and Hussain, A. (2016). Cotton production under risk: a simultaneous adoption of risk coping tools. *Natural Hazards*, 84 (2016): 959–974.
- 41) **Ullah, R.**, Shivakoti, G. P., Kamran, M. A., and Zulfiqar, F. (2016). Farmers vs. Nature: Managing Disaster Risks at Farm Level. *Natural Hazards*, 82(3): 1931-1945.
- 42) **Ullah, R.**, Shivakoti, G. P., Rehman, M., and Kamran, M. A. (2015). Catastrophic Risks Management At Farm: The use of Diversification, Precautionary Savings and Agricultural Credit. *Pakistan Journal of Agricultural Sciences*, 52(4): 1135-1142.
- 43) Hashmi, M. S., Kamran, M. A., Bakhsh, K., Bashir, M. A., Israr, M. and **Ullah, R.** (2015). Socio-economic factors and their influences on scale efficiency of wheat farms. *Pure and Applied Biology*, 4(4): 543-550.
- 44) **Ullah, R.**, Shivakoti, G. P., and Ali, G. (2015). Factors Effecting Farmers' Risk Attitude and Risk Perceptions: The Case of Khyber Pakhtunkhwa, Pakistan. *International Journal of Disaster Risk Reduction*, 13(2015): 151-157. Doi: 10.1016/j.ijdrr.2015.05.005.
- 45) **Ullah, R.**, Jourdain, D., Shivakoti, G. P., and Dhakal, S. (2015). Managing Catastrophic Risks in Agriculture: Simultaneous Adoption of Diversification and Precautionary Savings. *International Journal of Disaster Risk Reduction*, 12(2015): 268–277.
- 46) **Ullah, R.**, and Shivakoti, G. P. (2014). Adoption of On-farm and Off-farm Diversification to Manage Agricultural Risks: Are these Decisions Correlated? *Outlook on Agriculture*, 43(4): 265-271.

CONFERENCES/WORKSHOPS

- Kamran, M. A., Ullah R., and Haider, K. (2024). Food Safety Knowledge, Attitudes and Practices of Rural and Urban Consumers in Pakistan. Presented at the International Workshop on Peri-Urban Land Use Change and Food Security. Organized by Center for Advanced Studies in Agriculture and Food Security, University of Agriculture, Faisalabad during 26-30 January, 2024.
- Ullah, R., and Kamran, M. A. (2023). Methodological Approaches for Assessing Flood Risk Management Decision at Farm Level. Paper presented at the International Conference on Integrated Flood Management under Changing Climate Scenario (IFMCC) organized

by Center for Advance Studies in Water (CAS-W) of the Mehran University of Engineering and Technology, Jamshoro, Sindh during 1-3 March, 2023.

- Ullah, R., (2022). The Impact of Collective Actions on Sustainability of Irrigation System: A Case Study of Faisalabad. Paper presented at the OCeAN's Annual Conference on "Resilient Community Irrigation Management in Context of Climate Change and Multifunctional Rural-Urban Water Use Competition in Asia" held at the Asian Institute of Technology (AIT) and Chiang Mai University (CMU), Thailand during 24-27 June, 2022.
- Ullah, R., and Zulfiqar, F. (2021). Irrigation Landscape of Pakistan: History, Challenges and a Way Forward. Paper presented at the 4th Interdisciplinary International Conference on Green Development in Tropical Region (4th IICGDTR) organized by Andalas University, Indonesia during 7-8 July 2021.
- Sadiq, I. and **Ullah, R.** (2019). Role of Women Entrepreneurship in Household Income: A Rural-Urban Comparison in District Faisalabad. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Iqbal, A. and **Ullah, R.** (2019). Economic uses of sugar cane Bagasse: A case study of Faisalabad Division. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Shahid, Z. and **Ullah, R.** (2019). The role of SMEs in Poverty Alleviation, Employment Generation and GDP Growth. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Ishfaq, I., Ali, A., Bashir, M.K., and **Ullah, R.** (2019). An Economic Analysis of Diabetes Healthcare Cost: The Case Study of District Faisalabad. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Yasmeen, S., Bashir, M.K., **Ullah, R.**, and Abbas, A.(2019). The role of culture in household food security: The case of Faisalabad city. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Noreen, S., Bashir, M. K., Hassan, S., and **Ullah, R.** (2019). An economic analysis of oilseed production in Punjab: The case of Faisalabad. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Maqbool, A., Bashir, M. K., Hassan, S., and **Ullah, R.** (2019). Estimation of GHG emissions of street vendors: the case of Faisalabad. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Arbab, R., Bashir, M. K., Hassan, S., and **Ullah, R.** (2019). Household water consumption behavior in Faisalabad, Punjab, Pakistan. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.

- Riaz, I., Bashir, M. K., Hassan, S., and **Ullah, R.** (2019). Impact of climatic events on food and nutritional security situation in Faisalabad, Pakistan. Paper presented at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- **Ullah, R.** (2019). Asian Irrigation Institutions and Systems. OCeAN's Annual Conference on "Redefining Diversity and Dynamism of Natural Resources Management in Asia" held at Asian Institute of Technology conference Room Bangkok Thailand, and Chiang Mai University Thailand during 11-15 July, 2019.
- Zulfiqar, F., Zubair, M. and **Ullah, R.** (2018). Climate-induced water scarcity and the effectiveness of community based water resource management. Paper presented at the Asia Region Biennial IASC Meeting on "Redefining Diversity and Dynamism of Natural Resource Management in Asia" at Bangkok, Thailand held during 13 to 16 July 2018.
- **Ullah, R.**, Abbas A., and Iqbal, M. A. (2017). Water-Food Nexus under Climate Change: Compromising Efficiency in Water Allocation. Paper presented at the International Conference on Climate Change Threats to Agriculture and Food Security, held at the University of Agriculture Peshawar Pakistan during 22-24 November, 2017.
- **Ullah, R.**, and Zulfiqar, F. (2017) Transboundary Water Issues between Pakistan and Afghanistan. Paper presented at the 16th Biennial Conference of the International Association for the Study of the Commons (IASC) held at Utrecht, the Netherlands during 10-14 July, 2017.
- Zulfiqar, F., Shahzad, S., Abid, M., and **Ullah, R.** Managing water commons and the extent of their climate resilience in Punjab, Pakistan. Paper presented at the 16th Biennial Conference of the International Association for the Study of the Commons (IASC) held at Utrecht, the Netherlands during 10-14 July, 2017.
- **Ullah, R.**, Abbas, A., and Zulfiqar, F. (2016) Managing Climatic Risks at Farm Level: Concurrent Adoption and the Role of Risk Perceptions and Risk Attitude. Paper presented at National Conference on Thinking Climate Change Adaptation in Water and Farming held at University of Agriculture, Peshawar-Pakistan during 28-30 November 2016.
- **Ullah, R.**, Zulfiqar, F., and Abbas, A. (2016) Investigation of the Interplay between Water and Energy Inputs: A Food Security Perspective. Paper presented at International Conference on Sustainable Agriculture in Pakistan, held at the University of Agriculture, Faisalabad Pakistan during 17-19 November 2016.
- Abbas, A., **Ullah, R.**, and Zulfiqar, F. (2016) Agricultural Credit Policies, Credit Disbursement and Agricultural Productivity in Pakistan: Implications for Sustainable Agriculture. Paper Presented at International Conference on Sustainable Agriculture in Pakistan, held at the University of Agriculture, Faisalabad Pakistan during 17-19 November 2016.
- Kamran, M. A., Hasmi, M. S., **Ullah, R.**, and Shivakoti, G. P. (2015). Effectiveness of Different Modes of Assistance in Small Scale Water Management Systems of Pakistan. Proceedings of the Sixth International Seminar on Small Scale Irrigation Systems: Challenges to Sustainable Livelihoods, held on 15-16 February 2015 in Nepal.

SEMINARS/WEBINARS/WORKSHOPS/TRAININGS

- Five days Joint Cornell University-UAF Short Course on Dynamic Human-Environment Games organized by Center for Advanced Studies in Agriculture and Food Security (CAS-AFS) at the University of Agriculture Faisalabad during 29th January till 2nd February, 2024.
- Four-day online training course on “Natural Resource Management” organized by Pakistan Academy for Rural Development (PARAD) Peshawar during March 27-30, 2023.
- Three days international training on “Crop Yield Estimation and Water Accounting Using Remote Sensing” organized by US-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS), University of Agriculture Faisalabad during 10-12 January, 2023.
- Policy Webinar on “Policy Options regarding Maternal and Child Nutritional Issues” Organized by the Institute of Agricultural and Resource Economics, University of Agriculture Faisalabad, Pakistan on November 22, 2022.
- Plantwise Plus Consumer Survey Team Planning Workshop, Organized by Plantwise Plus Programme, Center for Agriculture and Biosciences International (CABI) during 19-21 August, 2022.
- 4th WEBINAR of Monthly Series of International Webinars on "Issues Related to Rural Economy: Diversified Food System to enhance Food & Nutritional Security” organized by the University of Agriculture Faisalabad, Pakistan on 17th September, 2021.
- 3rd WEBINAR of Monthly Series of International Webinars on "Issues Related to Rural Economy: Cooperative approaches in rural development: The case study of Bursa Women's Cooperative in Turkey" organized by the University of Agriculture Faisalabad, Pakistan on 20th August 2021.
- 2nd WEBINAR of Monthly Series of International Webinars on "Issues Related to Rural Economy: Diversified Rural Entrepreneurship to Enhance Rural Livelihoods" organized by the University of Agriculture Faisalabad, Pakistan on 30th July 2021.
- 5 days training workshop on Project Appraisal, Monitoring & Evaluation organized by Institute of Agricultural and Resource Economics and Office of the Research Innovation & Commercialization (ORIC) University of Agriculture, Faisalabad (UAF) during 04-06 July and 12-13 July 2021.
- 1st WEBINAR of Monthly Series of International Webinars on "Issues Related to Rural Economy: A Framework for Analysing the Economic and Institutional Dynamics of (under) Development" organized by the University of Agriculture Faisalabad, Pakistan on 19th June 2021.
- Organized “2nd International Cross-Border E-Commerce Forum, 2019” at the University of Agriculture, Faisalabad Pakistan during 3-5 December, 2019.
- Organized a one day awareness seminar on “Islamic Banking and Takaful” in collaboration with Alhuda Center for Islamic Banking and Economics (CIBE) on 15th November 2019, at the University of Agriculture, Faisalabad.
- Participated in a one day international seminar on “E-Commerce Internationalization and Resource Initiatives” held at the University of Agriculture Faisalabad on 24th April 2019.

- Participated in a one day international workshop on “Research Collaboration between University of Agriculture, Faisalabad and Huazhong Agriculture University, Wuhan, China to Enhance the Productivity of Agriculture Sector.” Organized by Institute of Agricultural and Resource Economics at the University of Agriculture Faisalabad, Pakistan on February 27, 2019.
- Resource person in a one day international workshop on “Rural Development Strategies” organized by Institute of Agricultural and Resource Economics at the University of Agriculture Faisalabad, Pakistan on February 20, 2019.
- On day training workshop on “Synopsis Preparation” organized by Institute of Agricultural and Resource Economics at the University of Agriculture Faisalabad, Pakistan on December 27, 2018.
- Participated in three days training workshop on “Statistical Data Analysis using Eviews and Stata” organized by Institute of Agricultural and Resource Economics at the University of Agriculture Faisalabad, Pakistan during November 26-28, 2018.
- One day seminar on Self Sustaining Rural Enterprises organized jointly by University of Agriculture Faisalabad with Selcuk University Konya, Turkey on 21st June 2018.
- Two Days workshop on “Applied Econometrics: An Application of STATA Software” held at the University of Agriculture Faisalabad during 9-10 April, 2018.
- One day seminar on Value Added Food Products: Issues and Opportunities for Entrepreneurs. Organized by National Institute of Food Sciences and Technology (NIFSAT) and Office of Research Innovation and Commercialization (ORIC) University of Agriculture, Faisalabad Pakistan on 19th January, 2018.
- Round Table Conference to promote Rural Entrepreneurship in Pakistan. Organized by University of Agriculture Faisalabad and Selcuk University Konya Turkey on 18th January, 2018.
- One day seminar on Self Sustaining Rural Enterprises. Organized by University of Agriculture Faisalabad and Selcuk University Konya Turkey on 18th January, 2018.
- International Workshop on “Beans with Benefits: Potential and Limitation for Mung bean Production. Organized by US-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS) at University of Agriculture Faisalabad during 8-10 August 2017.
- Two day workshop on “Goat Breeding and Marketing in Genomics Era”. Organized by PMAS-Arid Agriculture University Rawalpindi, Pakistan during 6-7 March 2017.
- One day seminar on “Food Security Policy Research Priorities”. Organized by University of Agriculture Faisalabad on 6th January 2017.
- One day workshop on “Agricultural Policy of Pakistan: Past, Present and Future”. Organized by University of Agriculture Faisalabad on 5th January 2017.
- On day Brain Storming session on “Future M.Sc. (Hons)/MPhil and Ph.D. researchable areas. Organized by University of Agriculture Faisalabad on 4th January 2017.
- Three-Day AgMIP Mid Term Workshop Phase II on Assessing Climatic Vulnerability and Projecting Crop Productivity Using Integrated Crop and Economic Modeling Techniques. Hands on training of TOA-MD (Trade-Off Analysis for Multi-Dimensional Impact

Assessment). Organized by University of Agriculture Faisalabad during 20-22 December 2016.

- Two-Days workshop on “Agricultural Commodity Analysis”, organized by U.S.-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS). Held at University of Agriculture Faisalabad during 7-8 December, 2016.
- One-day Workshop on Strategic use of Digital Technology in University Instruction. U.S.-Pakistan Center for Advance Studies in Agriculture and Food Security. Held at University of Agriculture Faisalabad on 17th October 2016.
- Writing workshop for editing two books on issues related to Integrated Natural Resource Management (INRM) in Indonesia and Southeast Asia held at Natural Resource Management Field of Study, Asian Institute of Technology Thailand during June 20-30, 2015.

COURSES TAUGHT

Undergraduate level: Management of Natural Resources, Principles of Agricultural and Resource Economics, Mathematical Economics, Engineering Economics, Environment and Sustainable Development, Microeconomics, Public Finance

Postgraduate level: Economics of Climate Change, Economics of the Environment and Policy Issues, Agricultural Economics, Mathematical Economics, Population Economics

STUDENT SUPERVISION AND ADVISING

Status	PhD		MSc (H)/ MPhil (18 Years)		MSc (16 Years)
	As Major Supervisor	As Committee Member	As Major Supervisor	As Committee Member	As Major Supervisor
Completed	0	3	61	80	26
On going	3	9	3	18	0
Total	3	12	64	98	26

AWARDS AND SCHOLARSHIPS

- Best paper award received for “The role of SMEs in Poverty Alleviation, Employment Generation and GDP Growth” at the 3rd Student Research Conference, Organized by COMSATS University Islamabad Vehari Campus during December 23-24, 2019.
- Higher Education Commission (HEC) Pakistan, Overseas Scholarships (Merit) for PhD in Selected Fields Phase II, Batch III at the Asian Institute of Technology (AIT)-Thailand 2011.
- Academic Excellence Award for performance in Secondary School Certificate examination 2001.

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Member of the “Ostrom’s Center for Advance Study in Natural Resource Governance (OCeAN) at Asian Institute of Technology, Thailand.

ADMINISTRATIVE AND COMMUNITY SERVICES

- Member (Faculty of Social Sciences Representative) Campus Management Committee at the University of Agriculture Faisalabad, Pakistan.
- Member Faculty Board of the Faculty of Social Sciences at the University of Agriculture Faisalabad, Pakistan.
- Member of the Board of Studies at the Institute of Agricultural and Resource Economics, University of Agriculture Faisalabad, Pakistan.
- Member Admission Committee at the University of Agriculture Faisalabad, Pakistan.
- Tutor for tutorial group 293 at the University of Agriculture Faisalabad, Pakistan.
- Advisor for BSc (Hons.) Agricultural and Resource Economics Degree Program at the Institute of Agricultural and Resource Economics, UAF.
- Performed duties as Presiding officer in General Election of Pakistan 2018 and 2024.
- Reviewer of scholarly Journals including Agricultural Systems, Land Use Policy, Sarhad Journal of Agriculture, International Journal of Disaster Risk Reduction, AIMS Agriculture and Food, International Journal of Climate Change Strategies and Management, Global Food Security, Acta agriculture, PLOS ONE etc.
- President Pakistan Student Association at the Asian Institute of Technology (PSA-AIT) Thailand for January 2012 semester.
- Member of the Advisory Committee of Pakistan Student Association (PSA-AIT) Thailand for August 2012 and January 2013 semesters.
- Coordinator for Academic Affairs of the Pakistan Student Association (PSA-AIT) Thailand for August 2013, January 2014 and August 2014 semesters.

REFERENCES

Prof. Ganesh P. Shivakoti

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