

# DR. JAVARIA NASIR (*Ph.D.*)

Lecturer, Institute of Agriculture and Resource Economics

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## ACADEMIC QUALIFICATIONS

Degree	Major	Year	Institution
Exchange Research scholar	HEC, IRSIP Program	2018	Ohio State University, USA
Ph.D.	Agricultural Economics	2019	University of Agriculture, Faisalabad, Pakistan
M.Sc. (Hons.)	Agricultural Economics	2013	University of Agriculture, Faisalabad, Pakistan
B.Sc. (Hons.)	Agricultural and Resource Economics	2011	University of Agriculture, Faisalabad, Pakistan

## PROFESSIONAL EXPERIENCE

**10 years**

From	To	Position	Employer
Sept. 2015	To date	Lecturer	University of Agriculture, Faisalabad, Pakistan
April. 2024	To date	Co-chair Policy advocacy and outreach	PAK-KOREA NUTRITION CENTER (PKNC), UAF
Mar. 2013	Jun. 2013	Internship	Trade Development Authority Ministry of Commerce, Pakistan
Mar. 2011	Jun. 2011	Internship	“WWF-Pakistan Switch Asia Spring project” Better cotton initiative in Southern Punjab

## RESEARCH FOCUS

I have skills related to data collection. Survey design and data analysis, participatory approaches and stakeholder engagement in systemic research and socioeconomic policy analysis especially in cotton belt of southern Punjab.

My core specialty is economic modeling of farm based and policy solutions against issues like environmental externalities, climate change impacts and adaptation, farm externality, ground water management.

I am currently focused on salinity adoption and its impacts on farm livelihood, climate change policy analysis and agriculture value chain assessment.

## PROJECTS / GRANTS

Co-Chair “Policy advocacy and outreach” in international research project PKNC (Pak Korea Nutrition Centre UAF). **(Ongoing)**

Gender expert in **FAO** project entitled “Research and analysis of existing local ground water and salinity management practices in Khanewal, DG Khan, Sanghar and Umerkot districts”. **(Ongoing)**

Co-PI in research project entitled “Agricultural financial literacy-student ambassador program (AFL-SAP)” with SBP in collaboration with IARE, UAF. (5 million) **(Ongoing)**

CO-PI in **PARB\_CAS** funded project on “Policy Perspectives Regarding Value Chain and Marketing Issues of Apricot and Apple” **(0.6 million PKR)**

Team member in **ACIAR** project on “Improving Groundwater Management to Enhance Agriculture and Farming Livelihoods in Pakistan.” **(21 million dollars)**

Work in **Agricultural Model Inter-comparison and Improvement Project** (AgMIP) Pakistan as team member **(22 million USD)**

Working as consultant in **ACIAR** funded research project titled” Adapting to salinity in the Southern Indus Basin (LWR-20177=027)”

## **PUBLICATIONS**

### **1. Academic reports**

<b>Degree</b>	<b>Report</b>	<b>Title</b>
Ph.D.	Dissertation	Estimation of economic impacts and adaptation benefits of climate change on agricultural production system(s) in Punjab, Pakistan
M.Sc. (Hons.)	Thesis	Estimation of economic cost of agrochemicals on the health of farm worker of cotton crop in district Bahawalpur
B.Sc. (Hons.)	Internship	Trade analysis of furniture industry in Pakistan at TDAP, Ministry of Commerce

### **2. Book chapters**

**Nasir, J.,** Nasir, B., & Ashfaq, M. (2023). Role of Social Sciences in Reducing Disaster Risk in Agriculture. In Disaster Risk Reduction in Agriculture (pp. 445-459). Singapore: Springer Nature Singapore.

**Nasir, Javaria,** Muhammad Ashfaq, and Rakshanda Kousar. "Climate Policy." In Global Climate Change: Resilient and Smart Agriculture, pp. 337-358. Springer, Singapore, 2020.

Ahmad, Ashfaq, Muhammad Ashfaq, Ghulam Rasul, Syed Aftab Wajid, Ishfaq Ahmad, Tasneem Khaliq, **Javaria Nasir** et al. "Development of Climate Change Adaptation Strategies for Cotton–Wheat Cropping System of Punjab Pakistan." In HANDBOOK OF CLIMATE CHANGE AND AGROECOSYSTEMS: Climate Change and Farming System Planning in Africa and South Asia: AgMIP Stakeholder-driven Research, Part 2, pp. 277-327. 2021. World Scientific Publishing

Valdivia, R.O., Tui, S.H.K., Antle, J.M., Subash, N., Singh, H., Nedumaran, S., Hathie, I., Ashfaq, M., **Nasir, J.,** Vellingiri, G. and Arunachalam, L., 2021. Representative Agricultural Pathways: A Multi-Scale

Foresight Process to Support Transformation and Resilience of Farming Systems. In Handbook of Climate Change and Agroecosystems (pp. 47-102). World Scientific Publishing

Muhammad Ashfaq, Asif Ali Naqvi, **Javaria Nasir**. Economics of Risk Management.

Muhammad Ashfaq, Sadia Akhtar Awan and **Javaria Nasir**. Data Analysis techniques. Chapter contributed to Institute of Agri. Extension and Rural Development, UAF.

Muhammad Ashfaq, **Javaria Nasir** and Irfan Ahmad Baig. Chapter 19. Economics of Irrigation Water, contributed to Faculty of Agri-Engineering for the book.

Nazia Tabassum, **Javaria Nasir**. Basic Concepts and Definitions in Economics. Book Chapter in multi-author Book.

### 3. Research articles

**Nasir, J.**, Awan, S. A., Nasir, B., & Kousar, R. (2024). Integrated assessment of climate change adaptations for the resilient agricultural production system in south Punjab, Pakistan. *Agricultural Sciences Journal*, (1), 113-122.

Bilal, Muhammad & **Nasir, Javaria** & Nasir, Bukhtawer & Memon, Atia Bano & Shar, Abida. (2023). Appraisal of the Constraint of Adoption for E-Banking System in Pakistan. *Qlantic Journal of Social Sciences*. 4. 306-320. 10.55737/qjss.354320212.

**Nasir, J.**, Nasir, B., Kousar, R., & Asghar, K. (2022). The socioeconomic determinants of food and nutritional security in rural and urban area of Pakistan during COVID-19. *Pakistan Journal of Biotechnology*, 19(02), 89-95.

**Nasir, J.**, M. Ashfaq, S.A.A. Naqvi, S. Hassan, A. Imran, A. H. Makhdum, S.A. Adil and A. Ali. 2015. Economic cost of agrochemicals for the health of cotton farm workers: a case study of Punjab, Pakistan. *SYLWAN Journal*. 159(1): 253-266.

**Nasir, J.**, Ashfaq, M., Adil, S. A., & Hassan, S. (2019). Socioeconomic impact assessment of climate change in cotton wheat production system of Punjab, Pakistan. *J. Agric. Res*, 57(3), 199-206.

Kousar, R., Makhdum, M. S. A., Abbas, A., & **Nasir, J.** (2019). Issues and Impacts of the Apricot Value Chain on the Upland Farmers in the Himalayan Range of Pakistan. *Sustainability*, 11(16), 4482.

Ashfaq, M., Kousar, R., Makhdum, M. S. A., & **Nasir, J.** (2020). Empirical analysis of livestock productivity through improved breeding in Punjab, Pakistan. *JAPS, Journal of Animal and Plant Sciences*, 30(6), 1642-1652.

**Nasir, J.**, Ashfaq, M., Baig, I. A., Punthakey, J. F., Culas, R., & Ali, A. (2021). Socioeconomic Impact Assessment of Water Resources Conservation and Management to Protect Groundwater in Punjab, Pakistan. *Water*, 13(19), 2672.

Sadaf, T., Kousar, R., Ul, Z. M. U. D. M., Abbas, Q., Makhdum, M. S. A., & **Nasir, J.** (2021). Cotton production for the sustainable livelihoods in Punjab Pakistan: a case study of district Muzaffargarh. *International Journal of Ethics and Systems*.

Mahesar, T. G., Awan, Z. A., **Nasir, J.**, Mangi, F. H., & Imran, A. U. (2021). Better management practices (bmps) ensure sustainable cotton production in comparison to conventional farming in Sindh, Pakistan: Potential Impact of BMPs on cotton production. *International Journal of Agricultural and Natural Sciences*, 14(2), 96-113.

**Nasir, J., Nasir, B. and Ashfaq, M.** (2022) Integrated impact assessment of climate change vulnerability and adaptations for agricultural production system of Punjab, Pakistan. Pak JAS.

#### **4. Research Reports**

**Nasir, J., Ashfaq, M., Baig, I., Khair, S. M., Mangan, T., Allan, C., ... & Punthakey, J.** (2021). Representative agricultural pathways and socioeconomic benefits of groundwater management interventions in Punjab, Sindh and Balochistan Provinces, Pakistan.

Punthakey, Jehangir, C. Allan, Muhammad Ashfaq, Michael Mitchell, Farooq Ahmed, Waqas Ahmad, Saira Akhtar **Nasir, J.** et al. "Improving groundwater management to enhance agriculture and farming livelihoods in Pakistan." (2021).

Rakhshanda Kousar, Javaria Nasir and Summar A Naqvi. 2019. Technical report of PARB-CAS Project No. 967 PARB and CAS

#### **Policy Briefs:**

Nasir, J. Developing and accessing adaptation strategies against climate vulnerability in cotton wheat cropping system Punjab, Pakistan. Multi Stakeholder Forum on Science, Technology and Innovation for the Sustainable Development Goals (STI Forum), UNCTAD.

<https://sdgs.un.org/sites/default/files/2023-05/B66%20-%20Nasir%20-%20Developing%20and%20accessing%20adaptation%20strategies%20against%20climate%20vulnerability.pdf>

#### **Conferences Publications / Abstracts / Poster Presentations**

**J. Nasir**, Muhammad Ashfaq. 2013. Paper presented in ICDD international conference "Estimation of external cost of pesticide on farm worker"

Muhammad Ashfaq, **J. Nasir**, I.A. Baiq , and I. A. Chattha. 2016. Developing and Assessing Adaptation Strategies against climate vulnerability in cotton wheat cropping system of Punjab, Pakistan in 6th AgMIP Global Workshop, Montpellier, France

Muhammad Ashfaq, **J. Nasir**, I.A. Baiq, and I. A. Chattha 2016. Process for the development of representative agricultural pathways for cotton wheat cropping system in Punjab, Pakistan in 6th AgMIP Global Workshop, Montpellier, France

**Javaria Nasir**.2022. Socioeconomic impact assessment of COVID-19 and economic stimulus package on low-income household in Pakistan. Kartepe Summit 2022, Turkey.

Rakhshanda Kousar, Aisha Ajaz, Tahira Sadaf and **Javaria Nasir**. 2017. Impact of land fragmentation on Agricultural productivity of Pakistan. World Bank

Mehrosh Gulzar, Rakhshanda Kousar, Sultan Ali Adil and **Javaria Nasir**. 2017. Asymmetric price transmission of dairy supply in Pakistan. COMSAT Vehari

Rakhshanda Kousar, M. S Amjad, **Javaria Nasir** and Tahira Sadaf. 2019. Linkages of land rights and soil conservation investments for sustainable environment. ISES UAF

M. Umair Saleem, Rakhshanda Kousar, **Javaria Nasir**, Tahira Sadaf and M.S. Amjad Makhdum. 2019. Investigation of CC adaptation strategies against heat wave for human health . UAF

M.S. Amjad Makhdum, Rakhshanda Kousar, **Javaria Nasir** and M. Amjad Iqbal. 2019. Empirical investigation of the impact of heat waves on human health and nutrition status. BZU Multan

Socioeconomic impact assessment of Covid-19 and economic stimulus package on low-income households in Pakistan. page no. 55. Resilient cities Kartepe Summit 2022. ISBN No: 978-605-72931-2-1 Nov, 2022

Developing and accessing adaptation strategies against climate vulnerability in Punjab Pakistan page No. 156 III. International Academicians Studies Congress Change and Adaptation, Turkey eISBN No: 978-625-8048-71-1 May, 13-16, 2022

Impact of ownership security and off farm work on the adaptation of soil conservation measures in rural Pakistan page no. 24 III. International Academicians Studies Congress Change and Adaptation, Turkey eISBN No: 978-625-8048-71-1 May, 13-16, 2022

Investment in human capital and its impact on economic growth in Pakistan page no. 80 IV. ASC-2022/Fall congress Alside de gasperi University of Euroregional Economy in Poland: Change and shaping the future. ISBN 51372/Holistence Publications Fall, 2022

Socioeconomic impact assessment of agricultural management practices and HIES adoption on sustainable farm livelihoods in Balochistan, Pakistan page no. 98 IV. ASC-2022/Fall congress Alside de gasperi University of Euroregional Economy in Poland. Change and shaping the future: ISBN 51372/Holistence Publications 2022

Economic analysis of climate change vulnerability and coping strategies for the current food and agricultural production system of Pakistan Page No. 74 International conference on food security and value chain improvement under belt and road initiative (ICFSVC-2022) : ISBN: 978-969-23812-0-8 Dec, 2022

Impact of Smog pollution on socioeconomic and human health in big cities of Punjab Pakistan Page No. 93 International conference on food security and value chain improvement under belt and road initiative (ICFSVC-2022): ISBN: 978-969-23812-0-8 Dec, 2022

Consumer willingness to pay for fresh water grown vegetables in Faisalabad page no. 57 International conference on food security and value chain improvement under belt and road initiative (ICFSVC-2022): ISBN: 978-969-23812-0-8 Dec, 2022

Analysing the impact of heat waves on human health and nutrition status. International conference on food security and value chain improvement under belt and road initiative (ICFSVC-2022): ISBN: 978-969-23812-0-8 Dec, 2022

## **COURSES TAUGHT**

Agricultural policies of Pakistan, Mathematical economics, Principles of Agricultural and resource economics, Environment and sustainable development, Climate change mitigation and adaptation strategies, Agriculture finance, Microeconomics, Marketing of dairy animals and products, Livestock economics, Introduction to economic, Sustainable development, Human resource management, Research methodology in social sciences

## **DISTINCTION INTERNATIONAL AWARDS**

### **Academic**

Bronze medal in B.Sc. (Hons.) Agricultural and Resource Economics UAF

Silver Medal in M.Sc. (Hons.) Agricultural Economics UAF

### Professional awards

- a) Volunteer award from Asian American Commerce group in 2018 Ohio Asian Awards dated September 7, 2018 at Columbus, Ohio USA.
- b) Teaching award from express media group and Ilm ideas

### COURSES, TRAININGS AND WORKSHOPS

Certificate / Diploma obtained	Name and Place of Institution	Years attended		Major Subjects Specialization
		From	To	
International training/ workshops				
AgMIP Phase II integration workshop	AgMIP, ICRISAT, IPAR Dakar Senegal	22 to 27 Feb 2016		Climate Change impacts and adaptation
AgMIP winners circle workshop	AgMIP, ICRISAT, Nairobi Kenya	Jan 30 2017 to Feb 3 2017		Climate change modeling
IRSIP	OSU, USA	March to September 2018		Climate Change
Groundwater symposium	OSU, USA	27 April, 2018		Ground water
Kartepe Summit	Kartepe, Turkey	2022		Resilient cities Kartepe Summit
Internship				
Internship	Trade Development Authority of Pakistan, Ministry of Commerce	18-03-2011 to 14-06- 2011		Trade reports and trade policy
Internship	WWF-Pakistan	1-3-2013 to 30-06- 2013		Switch-Asia SPRING project
Training /Workshops				
International Training /Workshops	UAF	December 16-17, 2025		Agri data and smart Stat bootcamps
International Training /Workshops	ADPC	November 11-15, 2024		Climate modelling, risk assessment and gender mainstreaming in CSA
International Training /Workshops	University of Kassel	January 2025		Qualitative methods for climate change
International Training /Workshops	QEC, UAF	17 April, 2024		Training Workshop for Teachers Evaluation Website
International Training /Workshops	University of Kassel	January 2025		Climate finance fundamental for low- and middle-income countries
Certificate	IARE, UAF	15 Jan, 2013		R software
Understanding agribusiness and value chain concept in reference to small holder farmers social dynamics and gender	ACIAR	2022		Value Chain

Certificate	IARE, UAF	16-17 Jan, 2013	Applied forecasting
Certificate	UAF	4-6 June 2013	Climate Change
Certificate	UAF	16-17 Jan, 2014	Climate change Food Security
Certificate	UAF	9-12 Jan, 2014	Value Chain
Certificate	UAF	15-20 Oct, 2015	Capacity sharing program
Certificate	IARE, UAF	12 Dec, 2015	Research activities
Certificate	IARE, UAF	15 Dec, 2013	Training workshop
Certificate	IARE, UAF	2 April, 2016	Islamic socio-scientific formulation
Certificate	IARE, UAF	10 April, 2016	IO model
Certificate	IARE, UAF	14 April, 2016	IO Coefficient model
Certificate	IARE, UAF	16 April, 2016	Islamic formalism and agriculture sector development
Certificate	IARE, UAF	24 April, 2016	Empirical Analysis
Certificate	IARE, UAF	26 April, 2016	Research topic selection
Certificate	IARE, UAF	27 April, 2016	Islamic methodology and national policy
Certificate	IARE, UAF	19 Mar, 2016	Training on Turnitin
Training Workshop	CABI UAF	3-4 August 2016	Fresh produce Supply Chain
Certificate	ACIAR	7-9 Nov, 2016	Workshop on vegetables
Certificate	USPCAS- UAF	20-22 Dec, 2016	Climate change
Certificate	IARE, UAF	4 Jan, 2017	Research area
Certificate	IARE, UAF	5 Jan, 2017	Agri Policy
Certificate	IARE, UAF	6 Jan, 2017	Food Security
Certificate	SUPARCO and UAF	4-10 Oct, 2017	Space
Certificate	IARE, UAF	18 Jan 2018	Self-sustaining rural enterprises
Certificate	IARE, UAF	21 June, 2018	Rural enterprises
Certificate	IARE, UAF	26-28 Nov, 2018	Statistical data analysis
Certificate	IARE, UAF	27 Dec, 2018	Synopsis preparation
Certificate	IARE, UAF	2 Feb, 2019	Rural development strategies
Certificate	IARE, UAF	20 Feb, 2019	CPEC
Certificate	IARE, UAF	27 Feb, 2019	Agricultural productivity
Certificate	IARE, UAF	24 April, 2019	E-Commerce
Certificate	PCRWR	5-6 Sep, 2019	RAPs

## EDITORIAL BOARD MEMBERSHIPS AND REVIEWER ASSIGNMENTS

Reviewer of international peer reviewed journals

## MAJOR MANAGEMENT RESPONSIBILITIES

- HEC Approved PhD Supervisor
- Member of Academician Studies Group

## Additional Skills

- TOA-MD, Stata, EViews, SPSS, R
- IT skills
- Possess good interpersonal and communication skills

**PERSONAL INTERESTS**

Traveling; Consultation; Volunteering; Social service; Book reading; bird watching.