

Summary of Mumtaz Ali Joyo

Mr. Joyo is working with the well-known public sector university since 1998 and has been engaged as **Assistant Professor (BPS-20)** in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University Tandojam, where responsibilities are teaching and research activities; included teach different economics and management based courses to graduate and post graduate students and project management, research, and monitoring and evaluation research related activities. In addition work in other given official/administrative assignments on different university management platform.

Mr. Joyo, holds M.Sc. (Hons.) in 'Agricultural Economics' within Development Economics and Management cluster from the Sindh Agriculture University of Tando Jam, Sindh province of Pakistan. **PhD (Economics) in Progress. The current status of PhD program that final Viva-Voce examination had conducted and declared successfully and very soon he will be awarded Ph.D in (Economics) subject in the up-coming "Advanced Board of Post Graduate Studies" meeting.**

Two years research experience, worked as **SCIENTIFIC OFFICER (BPS-17)** with the Agricultural Economics Research Unit (AERU), National Agriculture Research Center (NARC), Pakistan Agriculture Research Council (PARC) Islamabad, where research activities included planning, execution, analysis and report writing of socio-economic surveys and other research projects. It also included collection, organization, computerization and analysis of data from primary as well as secondary sources on the agriculture sector as a back ground material to support the findings of the socio-economic surveys from December 15, 1994 to November 07, 1996.

In various capacities, he has been multivariate skills of teaching and research activities teams and leading the processes as research supervisor. The responsibilities he, has shouldered include coordination of various components of projects, mobilization of resources, as well as delivery of specific project outputs while ensuring the quality and timeliness of activities. In this processes he has developed expertise in team and task management while using various tool of planning and execution.

He aims at contributing excellent quality education skills, research, and advisory services for programmers and projects analysis related to Climate Change Shifting Trends, Development Economics, Market Integration and its Strategies/Challenges.

International Work Exposure: During his career, he visited many countries for Professional Development and Presented Research Papers viz. Indonesia, China, United Arab Emirates (UAE), Sri Lanka, South Africa & Egypt. He has been awarded one (01) International award as, **"Best Research Paper Presenter"** in the 1st. International Conference on Applied Agricultural Sciences and Prospective Technology (ICASPT) 23-26 February 2018, organized by Al-Azhar University (Assuit Branch) held at Luxor, Egypt". Furthermore, he has worked as **Co-Principle Investigator**, Agriculture Sector Linkages Program (ASLP), Australian Centre for International Agricultural Research, Mango Value Chain Improvement Project in collaboration with Department of Agricultural Economics, Sindh Agriculture University Tandojam from April 15, 2015 to September 15, 2015. Also, worked with development organizations such as Water Aid Organization United Kingdom(UK)/Islamabad, Pakistan where worked as a **Focal Person for Budget Research Cell Project**, Department of Agricultural Economics, Sindh Agriculture University Tando Jam, Sindh, Pakistan from March 2011 to April 2012.

Specialties/Professional Interests: Quality education, transforming knowledge economy, Poverty and Inequality, Trade & industry, economic development strategies, economic growth and policy analysis.

Professional Skills: Teaching, Project designing, management and evaluation, multidisciplinary trainings including; applications of qualitative and quantitative development research methods; policy development and analysis; budget advocacy and communication strategies.

MUMTAZ ALI JOYO

ASSISTANT PROFESSOR (BPS-20)

DEPARTMENT OF AGRICULTURAL ECONOMICS,

FACULTY OF AGRICULTURAL SOCIAL SCIENCES,

SINDH AGRICULTURE UNIVERSITY, TANDO JAM, SINDH, PAKISTAN.

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PROFILE:

Mumtaz Ali Jyo, Masters in Agricultural Economics with distinction is presently working as an **Assistant Professor (BPS-19)** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan. The nature of job is teaching and research. Teaching/research focused on **Economics and Management/Applied Economics** such as **General Economics, Microeconomics, Macroeconomics, Production Economics, Development Economics, Advanced Economic Theory, Managerial Economics, Marketing, Planning & Business Management, Economic Analysis & Research Methods, Trade & Policy Measures, WTO & Agri-Business Management and Economy of Pakistan** to graduate and post-graduate students.

Areas of interest:

Development Economics & Management, Market Integration, Climate Change and Policy Analysis.

ACHIEVEMENTS/RESPONSIBILITIES:

- **Twenty two (22) Years Teaching and Research Experience.**
 - **Throughout, "First-Class Academic Record".**
 - **Visited many countries for Professional Development and Presented Research Papers viz. Indonesia, China, United Arab Emirates (UAE), Sri Lanka, South Africa & Egypt.**
 - Achieved **One (01) International Best Research Paper Presenter Award.**
 - Different trainings/conferences/workshops (International and National), attended and awarded with certificates so far.
 - **Supervisor/Advisor** for M. Sc. (Agricultural Economics) Scholars and Thirty (30) students have also been produced so far.
 - **Member, Departmental Board of Studies** for the last **Eighteen (18) years to date.**
 - **Member, Faculty Board of Studies,** for the last **Seventeen (17) years to date**
 - Worked as **Co-Principle Investigator, Agriculture Sector Linkages Program (ASLP), Australian Centre for International Agricultural Research,** Mango Value Chain Improvement Project in collaboration with **Department of Agricultural Economics, Sindh Agriculture University Tandojam** from April 15, 2015 to September 15, 2015.
 - **Focal Person** for **Budget Research Cell** Project, Department of Agricultural Economics, Sindh Agriculture University Tando Jam, Sindh, Pakistan **funded by Water Aid Organization United Kingdom(UK)/Islamabad, Pakistan** from March 2011 to April 2012.
 - **Two (02) Years** Research Experience, worked as **Scientific Officer (BPS-17) Agricultural Economics Research Unit (AERU), National Agriculture Research Center (NARC), Pakistan Agriculture Research Council (PARC) Islamabad, Pakistan**
 - **Completed and Published Two (02) research projects** as **PRINCIPLE INVESTIGATOR** in collaboration with the Higher Education Commission/University Grants Commission of Pakistan, HEC/UGC, Islamabad, Pakistan.
 - **Fifty Eight (58) Research Reports/Publications/Articles/Supervised in M.Sc (Thesis).**
 - **Computer Skills:** Windows-XP (Operating system), SPSS-PC, SX (Statistical Packages), MS-Office, MS-Internet Explorer, Harvard Graphics (Graphic Software) etc.
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CURRICULUM VITAE

MUMTAZ ALI JOYO

ASSISTANT PROFESSOR (BPS-20),
DEPARTMENT OF AGRICULTURAL ECONOMICS,
FACULTY OF AGRICULTURAL SOCIAL SCIENCES,
SINDH AGRICULTURE UNIVERSITY, TANDO JAM, SINDH, PAKISTAN.

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PROFILE:

I, Mumtaz Ali Joyo am Masters in Agricultural Economics with distinction. Presently, working as an **Assistant Professor (BPS-20)** in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam. The nature of job is teaching and research. Teaching/research focused on **Economics and Management** such as **Agribusiness Management and Trade, General Economics, Microeconomics, Macroeconomics, Production Economics, Development Economics, Finance & Taxation, Advanced Economic Theory, Managerial Economics, Marketing, Planning & Business Management, Economic Analysis & Research Methods, Trade (WTO) & Policy Analysis, and Economy of Pakistan** to graduate and post-graduate students. I am **SUPERVISOR/ADVISOR** for Post Graduate Students M. Sc. (Agricultural Economics) Hons., Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, since March 24, 2003 to-date. I have produced **Thirty (30) M. Sc. (Hons.) Students/Scholars** so far and other four (04) M.Sc. student/scholars are currently registered and working on their research under my supervision. I have been one of the **MEMBER, Departmental Board of Studies** in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan from July 18, 2000 to October, 2004. I am second time nominated **MEMBER, Departmental Board of Studies**, Department of Agricultural Economics since August 2006 to date. I am also **MEMBER, Faculty Board of Studies**, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan since November 28, 2002 to date.

Worked as **Co-Principle Investigator**, Agriculture Sector Linkages Program (ASLP), Australian Centre for International Agricultural Research, Mango Value Chain Improvement Project in collaboration with **Department of Agricultural Economics, Sindh Agriculture University Tandojam** from April 15, 2015 to September 15, 2015.

Worked as a **Focal Person** for **Budget Research Cell** Project, Department of Agricultural Economics, Sindh Agriculture University Tando Jam, Sindh, Pakistan **funded by Water Aid Organization United Kingdom(UK)/Islamabad, Pakistan** from March 2011 to April 2012.

I have participated/attended thirty five (35) different computer trainings/workshops/different international and national conferences for this visited **INDONESIA, CHINA, UNITED ARAB EMIRATES (UAE), SRI LANKA, SOUTH AFRICA AND EGYPT**. Attended **SIX INTERNATIONAL CONFERENCES** where presented the research papers such as; Seogijapranata Catholic University, SEMARANG, CENTRAL JAVA, **INDONESIA**, United Arab Emirates University (UAEU), AL-AIN, **UNITED ARAB EMIRATES**, Sindh Agriculture University Tando Jam, Sindh, **PAKISTAN**, University of Kelaniya, **SRI LANKA**, African Agricultural Crop Science Society International Conference, Cape Town, **SOUTH AFRICA** and 1st. International Conference on Applied Agricultural Sciences and Prospective Technology (ICASPT), organized by Al-Azhar University (Assuit Branch) held at **Luxor, Egypt** dated August 24-25, 2007, March 3-6, 2008, May 12-14, 2008, July 18-20, 2008, September 28 to October 01, 2009, December 22-23, 2016 and 23-26 February 2018 respectively.

I have completed two research projects as **PRINCIPLE INVESTIGATOR** in collaboration with the Higher education Commission/University Grants Commission (HEC/UGC), Islamabad, Pakistan.

Two years research experience, worked as **SCIENTIFIC OFFICER (BPS-17)** with the Agricultural Economics Research Unit (AERU), National Agriculture Research Center (NARC), Pakistan Agriculture Research Council (PARC) Islamabad, where research activities included planning, execution, analysis and report writing of socio-economic surveys and other research projects. It also included collection, organization, computerization and

analysis of data from primary as well as secondary sources on the agriculture sector as a back ground material to support the findings of the socio-economic surveys.

Fifty Eight (58) research reports/publications/articles/Masters program research supervisor (thesis) to my credit and presently one (01) research papers sent to Higher Education Commission (HEC), Islamabad, Pakistan's recognized journals for publication. I also possess micro-computing skills like Windows-XP (Operating system), SPSS-PC, Statistix (SX) (Statistical Package for Social Scientists), MS-Word, MS- Excel, MS-Power Point (MS-Office), QPRO (Spread Sheet), MS-Internet Explorer, Harvard Graphics (Graphic Software) etc.

EDUCATIONAL QUALIFICATIONS

EDUCATIONAL LEVEL	YEAR	STUDY FIELD	SUBJECTS	DIVISION/ CGPA/%	BOARD/ UNIVERSITY
PhD	2019	Social Sciences	Economics	Ist. 3.85 CGPA & (Waiting for the Award of PhD degree)	University of Sindh, Jamshoro, Pakistan
M. Sc. (Hons.) (18 Years)	1994	Social Sciences	Agricultural Economics	Ist. (82%)	Sindh Agriculture University Tando Jam, Sindh, Pakistan.
B. Sc. (Hons.) (16 Years)	1992	Social Sciences	Agricultural Economics	Ist. (86%)	Sindh Agriculture University Tando Jam, Sindh, Pakistan.
Intermediate	1986	Pre. Engg.	Mathematics	Ist. (62%)	Hyderabad Board, Sindh, Pak
Matriculation	1984	Science	Science	Ist. (68%)	Hyderabad Board, Sindh, Pak

The figures in parenthesis are marks percentage.

WORK EXPERIENCE

- I) Working as an **ASSISTANT PROFESSOR (BPS-20)** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, since March 05, 2019 to date.
- II) Working as an **ASSISTANT PROFESSOR (BPS-19)** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, since April 20, 2010 to March 04, 2019.
- III) Working as a **SUPERVISOR/GUIDE** for M. Sc. (Agricultural Economics) scholars/students, Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, from March 24, 2003 to date.
- IV) Working as a **MEMBER** Faculty Board of Studies, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam Sindh, Pakistan, from November 28, 2002 to date.
- V) Working as a **MEMBER** Departmental Board of Studies, Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam Sindh, Pakistan, from August 08, 2006 to date.
- VI) Worked as **Co-Principle Investigator, Agriculture Sector Linkages Program (ASLP), Australian Centre for International Agricultural Research**, Mango Value Chain Improvement Project in collaboration with **Department of Agricultural Economics, Sindh Agriculture University Tandojam** from April 15, 2015 to September 15, 2015.
- VII) Worked as a **Focal Person** for **Budget Research Cell (BRC)** Department of Agricultural Economics, Sindh Agriculture University Tando Jam, Sindh, Pakistan funded by **Water Aid Organization United Kingdom (UK)/Islamabad Pakistan** from March 24, 2011 to April 30, 2012.
- VIII) Worked as a **LECTURER (BPS-18)** Post upgraded, Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, from December 29, 2006, to April 20, 2010.

- IX) Worked as a **LECTURER (BPS-17)** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, from March 02, 1998 to December 29, 2006.
- X) Worked as a **MEMBER** Departmental Board of Studies in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan, from July 18, 2000 to October, 2004.
- XI) Worked as a **SCIENTIFIC OFFICER (TRAINEE SCIENTIST) BPS-17** Agricultural Economics Research Unit (AERU), National Agricultural Research Center (NARC), Pakistan Agricultural Research Council (PARC) Islamabad, Pakistan, from December 15, 1994 to November 07, 1996.

RESEARCH

A) ON-GOING RESEARCH

- i) Working on research project, “**FUTURISTIC/ECONOMIC ANALYSIS OF SOCIAL SECTOR INVESTMENT IN RURAL AREAS OF SINDH FOR POVERTY ALLEVIATION SINDH PROVINCE OF PAKISTAN**”. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan
- ii) Working on research proposal, “**DOUBLE-LOG DEMAND FORECAST MODEL ANALYSIS FOR FISHERIES AND ITS POLICY MEASURES IN SINDH PROVINCE OF PAKISTAN**”. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan
- iii) Working on Four (04) research studies as Supervisor for M.Sc. (Agricultural Economics) scholars/students in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan
- iv) Working on Three (03) research studies as co-supervisor for M.Sc. (Agricultural Economics) scholars/students in the Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan

B) RESEARCH PAPERS COMPLETED AND SENT FOR PUBLICATION TO HIGHER EDUCATION COMMISSION (HEC) PAKISTAN RECOGNIZED JOURNALS

- I) **Mumtaz Joyo, Abid R, Tehmina M 2019. “Correlation of Food Security Outlook and Agricultural Policy Constraints in Pakistan**”. The Pakistan Development Review, International Journal of Development Economics, Islamabad, Pakistan)
- II) **Mumtaz Joyo, Nanik R. and T. Shabana 2019. “Estimation of Climate Change Impacts on Sugarcane Productivity Using Vector Autoregression (VAR) Economic Model”**.

C) COMPLETED RESEARCH M. SC (AGRIL. ECONOMICS) HONS. THESIS AS SUPERVISOR/ADVISOR

- 1) **Mumtaz Joyo & N. M. Keerio 2019. Output and Consumption Analysis of Fish Farming in District Naushahro Feroz,, Sindh Province of Pakistan**. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 2) **Mumtaz Joyo & S. A. Keerio 2019. Impact Analysis of Institutional Credit on Agriculture Development in Naushahro Feroz, Sindh Province of Pakistan**. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 3) **Mumtaz Joyo & S. Laghari 2019. A Study of Dte Palm Production and Marketing Constraints District Khairpur-Mirs, Sindh Province of Pakistan**. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.

- 4) **Mumtaz Joyo & T. Das 2019. Study of Obstacles of Cotton Marketing in District Matiari, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 5) **Mumtaz Joyo & N. Jamro 2018. Marketing Structure Analysis of Mango Production in District Mirpurkhas, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 6) **Mumtaz Joyo & A. K. Laghari 2018. Economic Analysis of Cotton Production in Selected Local Government Areas of District Sibi, Baluchistan Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 7) **Mumtaz Joyo & B. A. Nizamani 2017. Factors Affecting Profitability of Sugarcane Production as Monoculture and as Intercrop in Taluka Matli, District Badin, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 8) **Mumtaz Joyo & A. A. Lashari 2017. Economic Assessment of Sugarcane Production and its Marketing Constraints in Tando Allahyar District, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 9) **Mumtaz Joyo & I. H. Kolachi 2016. Technical Efficiency of Rice Farmers in District Jaffarabad, Baluchistan Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 10) **Mumtaz Joyo & Babar 2016. Impact analysis: Farmer's Knowledge and Economics of Sunflower Production in Taluka Golarchi, District Badin, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 11) **Mumtaz Joyo & G. M. Channa 2015. Socio-economic Factors Analysis and its Impact on Farmers of Tandojam District Hyderabad, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 12) **Mumtaz Joyo & N. A. Kalwar 2015. Farmers Awareness and Economic Assisment of Recommended Pesticides Application for Cotton Crop in Taluka Mirpur Mathelo District Ghotki, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 13) **Mumtaz Joyo & S. U. Solangi 2015. Economic Implications of Tomato Production in District Naushero Feroz, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 14) **Mumtaz Joyo & J. K Tareen 2014. Economics of Date-palm Production and its Development in District Kech, Baluchistan Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 15) **Mumtaz Joyo & A. W. Kalthoro 2014. Economic Implications of Rice Production Technology in District Shikarpur, Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 16) **Mumtaz Joyo & S. U. Shah. 2013. Resources Use and Productivity Analysis of Sugarcane in District Matiari Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.

- 17) **Mumtaz Joyo & N. A. Nahiyoon 2013. Cost Effective Measure Analysis of Wheat crop in Tandojam Taluka District Hyderabad Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan
- 18) **Mumtaz Joyo & J. H. Tunio. 2013. Economic Analysis of Farms with Lined and Lined Water Courses in District Naushahro Feroz Sindh Province of Pakistan.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 19) **Mumtaz Joyo and Q. A. Memon. 2012. ANALYSIS OF THE FACTORS ASSOCIATED WITH RURAL POVERTY IN SINDH: A CASE STUDY OF TALUKA HALA DISTRICT MATIARI, SINDH PROVINCE OF PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 20) **Mumtaz Joyo and R. Sargani. 2012. ECONOMIC IMPLICATIONS OF COTTON PRODUCTION IN DISTRICT NAUSHAHRO FEROZE AREAS, SINDH PROVINCE OF PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan
- 21) **Mumtaz Joyo and N. Nizamani 2012. A STUDY OF PRODUCTION PRACTICES AND MARKETING ISSUES OF MANGO CROP IN TALUKA AND DISTRICT HYDERABAD SINDH PROVINCE OF PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 22) **Mumtaz Joyo and A. M Solangi. 2011. STUDY OF OBSTACLES IN PRODUCTION PRACTICES AND MARKETING ISSUES OF SUNFLOWER IN DISTRICT BADIN, SINDH PROVINCE OF PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 23) **Mumtaz Joyo and A. Jandan. 2010. ECONOMIC IMPLICATIONS OF COTTON PRODUCTION TECHNOLOGY IN COTTON-WHEAT AREAS OF DISTRICT KHAIRPUR (MIR'S) SINDH, PROVINCE OF PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 24) **Joyo, M. A. Y. Channar. 2007. ECONOMIC ANALYSIS OF BANANA TALUKA KANDIARO, DISTRICT NAWABSHAH, SINDH, PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 25) **Mumtaz Joyo and A. Humayoon. 2007. ROLE OF AGRICULTURE IN POVERTY ALLEVIATION IN SELECTED VILLAGES TALUKA SHAHDADPUR, DISTRICT SANGHAR, SINDH, PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 26) **Mumtaz Joyo and F. A. Panhwar. 2007. ECONOMIC ANALYSIS OF GROUNDNUT CULTIVATION IN DISTRICT SANGHAR, SINDH, PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 27) **Mumtaz Joyo and M. Azeem. 2007. ECONOMIC ANALYSIS OF MAIZE CULTIVATION IN DISTRICT ABBOTABAD, NWFP, PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 28) **Mumtaz Joyo and Z. A Mandan. 2006. ECONOMIC ANALYSIS OF COTTON CULTIVATION IN THARI MIRWAH TALUKA, DISTRICT KHAIRPUR MIR'S, SINDH, PAKISTAN.** Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.

- 29) **Mumtaz Joyo** and G. N. Laghari. 2006. **ECONOMIC IMPLICATIONS OF MUSTARD OIL SEDD CROP IN COTTON-WHEAT AREAS OF DISTRICT TANDO ALLAHYAR, SINDH, PAKISTAN**. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- 30) **Mumtaz Joyo** and G. M. Kakar. 2005. **ECONOMICS OF APPLE PRODUCTION AND ITS CONSTRAINTS IN DISTRICT PISHIN, BALUCHISTAN, PAKISTAN**. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.

D) COMPLETED RESEARCH PUBLICATIONS/REPORTS/ARTICLE

- 1) **Mumtaz Joyo**, & Ram, N. 2018. “**Simulating and Resilience in Cotton Productivity due to Climate Change of Sindh, Pakistan**”. *Archives of Agricultural Sciences Journal*, 1(1), 142-153 Al-Azhar University Cairo, Egypt. <http://maasuniversity.com/journals/index.php/aj/article/view/45> or <http://beta.space.iknito.com/handle/ekb/112961>
- 2) Abbas A. Chandio, Y. Jiang, **Joyo Mumtaz** and R. B. Pickson 2018. “**Research on Factors Influencing Grain Crops Production in Pakistan: An ARDL Approach**”. *European Online Journal of Natural and Social Sciences 2018*; Vol.7, No 3 pp. 538-553 ISSN 1805-3602. www.european-science.com
- 3) **Mumtaz Joyo**. A., Nanik R and H. Mangsi. 2018. “**Risk Assessment of Climate Variability on Rice Productivity in Sindh Province of Pakistan**”. *Pakistan Journal of Agricultural Sciences, Sindh Agriculture University Tandojam, Sindh Province of Pakistan*. Volume 34 No. 1 (2018) June-July 2018 *Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences (PJAAEVS)* SAU Tandojam, Sindh province of Pakistan <http://pjaaevs.sau.edu.pk/index.php/ojs/article/view/257>
- 4) Abbas A. Chandio, **Joyo Mumtaz**. A, Y. Jiang 2017. “**Financial Development, Trade Openness and Economic Growth in Pakistan: A Granger Causality Approach**”. *International Journal of Advanced and Applied Sciences*, 4(4) 2017, Pages: 73-80. Contents lists available at Science-Gate <http://www.science-gate.com/IJAAS.html> © 2017 The Authors. Published by IASE. This is an open access article under the *CC BY-NC-ND* license.
- 5) Abbas A. Chandio, Y. Jiang, **Joyo Mumtaz**. A, Rehman A. A 2016. “**Impact of Area under Cultivation, Water Availability, Credit Disbursement and Fertilizer Off-take on Wheat Production in Pakistan**”. *Journal of Applied Environmental and Biological Sciences* www.textroad.com *J. Appl. Environ. Biol. Sci.*, 6(10) pp10-18, 2016. ISSN: 2090-4274 © 2016, Text Road Publication.
- 6) **Mumtaz Joyo** and Nanik Ram 2016. “**Linkages among Climate Change and Productivity of Wheat in Sindh province of Pakistan**”. *Biannual Research Journal Grassroots, Pakistan Study Centre, University of Sindh Jamshoro Grassroots Journal*, Vol.50, No. I, January-June 2016 pp 201 to 119 University of Sindh Jamshoro, Sindh, Pakistan. sujo.usindh.edu.pk/index.php/Grassroots/article/view/2503
- 7) Koondhar, M. A., Li, H., Qiu, L., **Joyo Mumtaz A.**, Chandio, A. A., & He, G. 2016. “**Analysis of the Agricultural Land Use Efficiency based on DEA Model: A case study of Asian agricultural developing countries**”. *Transylvanian Review*, Volume 24 No.11. *Journal Citation Reports, Thomson Reuters 0.012 (2014) 0.030 (2015)* transylvanianreview.org/index.php/Trr/issue/view/8
- 8) **Mumtaz Joyo**, Nanik Ram and Jam G. M. Sahito 2016. “**Double-Log Analysis of Informal Sector Economy of Pakistan and Development**”. *Science International Journal (Lahore)*, 28 (3), 2667-2673, 2016 ISSN 1013-5316; CODEN: SINTE 8 2667 March-April.
- 9) **Mumtaz Joyo**, Nanik Ram and Jam G. M. Sahito 2016. “**Market Value Analysis: Yield and Timely Decision of Sunflower Markets, Sindh province of Pakistan**”. *Science International Journal (Lahore)*, 8 (2), 1509-1514, 2016 ISSN 1013-5316; CODEN: SINTE 8 1509 March-April.

- 10) **Mumtaz Joyo**, Nanik Ram, Mansoor Ahmed. Koondhar, Fahmida Abbasi 2016. **“Impact analysis: Farmer’s Knowledge and Economics of Sunflower Production in Golarchi District of Badin Sindh Province of Pakistan”**. Social Science Research Network paper_id=2788424 <http://papers.ssrn.com/sol3/papers.cfm> 2788424 © 2016 Social Science Electronic Publishing, Inc. USA
- 11) Mansoor A. Koondhar, **Joyo Mumtaz** and Chandio A. A. 2016. **“An Effect of Support Price Toward The Growth Rate of Sugarcane Production: Evidence from Sindh and Punjab provinces of Pakistan”**. International Journal of Agricultural Marketing Vol. 3(1), pp. 097-101, February, 2016. www.premierpublishers.org. ISSN: 2167-0470
- 12) Qurat U. A. Memon, L. Jingdong, X. Shuangxi, **Joyo Mumtaz** Shoaib A. Wagan 2016. **“Socioeconomic Analysis of Poverty Issues in Taluka Hala District Matiari, Sindh, Pakistan”**. Eastern Journal of Economics and Finance Vol. 2, No. 1, 1-8, 02 - 2016 *e-ISSN: 2305-9095*
- 13) Muhammad Hanif Lakho, Yasir Ali Rajper , Jam Ghulam Murtaza Sahito, **Joyo Mumtaz** 2016. **“Effect of Different Factors on Sugarcane Production in Sindh: A Regression Analysis”**. Science International Journal (Lahore), sci.Int. (Lahore), 28(4), 3305-3309,2016 ISSN 1013-5316; CODEN: SINTE 3305 March-April.
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- 28) Mumtaz Joyo 1994. “Marketing Margins and Systems Earned by Mango Growers and Agencies in District Hyderabad, Sindh, Pakistan”. Department of Agricultural Economics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam, Sindh, Pakistan. {M.Sc (Agri.) Hons. Thesis. 1994}

PROFESSIONAL AND COMPUTER SKILLS

Survey design, field surveys, data coding and analysis, report writing and presentation.

COMPUTER SKILLS

Windows	Operating system
SPSS-PC	Statistical Package for Social Scientists
MS-Excel, Statistix (SX)	Spread Sheet
MS-Office	Word Processor
Power Point	Presentation Software
MS-Internet Explorer	Internet Software

TRAININGS/CONFERENCES INTERNATIONAL AND NATIONAL

1. Attended the bilateral Symposium/Seminar “The 2018 Seminar on Management of Agriculture and Agricultural Products for Pakistan. The Seminar 2018 scheduled to be held from 28.10.2018 to 22.11.2018 at Urumqi, Xinjiang, China”.
2. Attended and presented the research paper in the “1st. International Conference on Applied Agricultural Sciences and Prospective Technology (ICASPT), organized by Al-Azhar University (Assuit Branch) held at Luxor, Egypt” 23-26 February 2018.
3. Attended and presented the research paper in the “5th International Conference of the Sri Lanka Forum of University Economists, Sri Lanka Economics Research Conference (SLERC) 2016”, University of Kelaniya, Kelaniya, Sri Lanka. December 22-23, 2016.
4. Attended and presented the research paper in the “1st International Conference on Social Sciences (ICSSL-2008)”, University of Kelaniya, Kelaniya, Sri Lanka. July 18-20, 2008.

5. Four day workshop in, **“Research and Writing skills in Environmental Economics and Policy”** Jointly organized by **Lahore University of Management Sciences (LUMS) and the South Asian Network for Development and Environmental Economics (SANDEE)** Katmandu, Nepal From **06th–09th March, 2013** in REDC, LUMS, Lahore, Pakistan.
6. One day National Workshop on, **“Intellectual Property Rights in Pakistan: Challenges and Opportunities”** organized by **Mehran University Institute of Science, Technology and Development**, held at Mehran University of Engineering & Technology Jamshoro, Sponsored by Higher Education Commission & Pakistan Science Foundation Islamabad, Pakistan. **(World IP day) April 26, 2012.**
7. Four day training on, **“Budget Tracking and Advocacy”** organized by **Water Aid Organization Islamabad, Pakistan**, held at Hotel Laraib, Sector G-9/4, Islamabad from **May 17-20, 2011.**
8. Attended and presented the research paper in the **“9th International Conference on Agricultural Crop Sciences (ACSS’09)”**, African Agricultural Crop Science Society, Ministry of Agriculture, and Cape Town, South Africa. **September 28 to October 01, 2009.**
9. One week course workshop focusing, **“Application of Modern Statistical Techniques in Agriculture and Animal Sciences”** organized by Learning Innovation Division, Higher Education Commission (HEC) Islamabad Pakistan, held at Sindh Agriculture University, Tando Jam (Sindh) Pakistan from **March 9- 14, 2009.**
10. Attended and presented the research paper in the **“1st International Conference on Social Sciences (ICSSL-2008)”**, University of Kelaniya, Kelaniya, Sri Lanka. **July 18-20, 2008.**
11. Attended and presented the research paper in the, **“1st International Conference on Agriculture, Food and Animal Sciences”**, Sindh Agriculture University Tando Jam, Sindh, Pakistan. **May 12-14, 2008.**
12. Attended and presented the research paper in the, **“3rd International Conference on Mathematical Sciences”**, Department of Mathematics, Faculty of Sciences, United Arab Emirates University (UAEU), Al-Ain, UAE. **March 3-6, 2008.**
13. Attended and presented the research paper in the, **“3rd International Conference on Environment and Urban Management, City Marketing, Heritage and Identity”** at Seogijapranata Catholic University of Semarang, Central Java, Indonesia **August 24-25, 2007.**
14. Three day Orientation Workshop for Educators on **“Trade Initiatives from Human Development (TIHP-UNDP)” United Nations Development Programme (UNDP)**, organized by the Ministry of Commerce, Islamabad Pakistan from **Sept. 05 to 07, 2006** held at Best Western Hotel Islamabad, Pakistan
15. Two week course focusing, **“Linear Modeling Using Statistix-SX Analytical Software”** organized by the Department of Statistics, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam (Sindh) Pakistan from **October 14 to November 1, 2002.**
16. Six week course focusing, **“Teaching of Receptive and Productive Skills” (Written and Spoken English Language)** comprising 96 classroom hours, from **November 01, 1999 to December 08, 1999** organized by Department of English, Faculty of Agricultural Social Sciences, Sindh Agriculture University Tando Jam (Sindh) Pakistan.
17. Four week course, **“Professional Development for Young Teachers”** from **March 26, 1998 to April 20, 1998** at Department of English, Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tando Jam (Sindh) Pakistan.
18. One week workshop on, **“Rapid Rural Appraisal”** from **October 23 to 26, 1995** held at Training Institute, National Agricultural Research Center (NARC), Pakistan Agriculture Research Council (PARC), Islamabad, Pakistan.

19. “Three months Computer Training in different Computer Software” like (SPSS) Scientific Package for Social Scientist, Harvard Graphics, Quarto-pro from **June 01, 1995 to August 31, 1995** held at All Business Network (ABN) Institution, Islamabad, Pakistan.
20. “Three months Computer Training in different Computer Software” DOS/Windows, Word Perfect 5.1 & 6.0, Lotus 1-2-3 from **March 01, 1995 to May 31, 1995** held at All Business Network (ABN) Institution, Islamabad, Pakistan.

LANGUAGES

Language	Reading	Writing	Speaking
English	Excellent	Good	Good
Sindhi	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent

PROFESSIONAL AFFILIATION/MEMBERSHIP

- Applied for membership in Pakistan Institute Development of Economics (PIDE), Islamabad Pakistan.
- ALUMNI, Sindh Agriculture University, Tando Jam, Sindh, Pakistan.
- SANDEE, South Asian Network for Development and Environmental Economics, Katmandu, Nepal.
- Forum on Trade, Trade Initiative from Human Development Program (TIHP), United Nations Development Program (UNDP), Ministry of Commerce, Islamabad, Pakistan.
- WTO-Forum, World Trade Organization (WTO), Webmaster Information and Media Relations Division, World Trade Organization, Rue-de-Lausanne 154, CH-1211 Geneva 21, Switzerland.

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Father's Name:	MUNAWAR ALI JOYO
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Countries Visited:	INDONESIA, UNITED ARAB EMIRATES (UAE), SRI LANKA, CHINA, SOUTH AFRICA & EGYPT.

REFERENCES

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