

PUBLICATIONS (Prof. Dr. Inayatullah Jan)

a. Books / Chapters

1. **Jan, I.** (2007). "Institutional changes in agricultural support services in rural northwest Pakistan". Socioeconomic Studies on Rural Development, Vol.140. Wissenschaftsverlag Vauk Kiel KG, Germany. **(Book)**
2. **Jan, I.** (2020). Rainwater harvesting: viable solution for water security in rural and mountainous areas of Pakistan. In: Sara, S.A. (Ed.), *The kaleidoscope that is Pakistan*. Islamabad Policy Research Institute (IPRI), Islamabad, Pakistan. **(Book chapter)**
3. **Jan, I.** (2022). Demography, human development and economic profiles of Kabul, Kurram and Gomal river basins. In: Azeem, M (Ed.), *Afg-Pak State of the Basins Report*. International Water Management Institute (IWMI), Lahore, Pakistan. **(Book chapter)**.

b. Peer reviewed publications

1. **Jan, I.,** and Lohano, H.D. 2021. Uptake of energy efficient cookstoves in Pakistan. *Renewable and Sustainable Energy Reviews*. 137 (2021); 110466. **(Impact Factor = 16.799)**
2. **Jan, I.** 2021. Socio-economic characteristics influencing farmers' willingness-to-adopt domestic biogas technology in rural Pakistan. *Environmental Science and Pollution Research*. 28 (2021); 20690-20699. **(Impact Factor = 5.19)**
3. Chandio, A.A., Jiang, Y, Akram, W., Adeel, S., Irfan, M. and **Jan, I.** 2021. Addressing the effect of climate change in the framework of financial and technological development on cereal production in Pakistan. *Journal of Cleaner Production*. 288 (2021); 125637. **(Impact Factor = 11.72)**
4. Ahmad, M., **Jan, I.,** Jabeen, G, and Alvarado, R. 2021. Does energy-industry investment drive economic performance in regional China: Implications for sustainable development. *Sustainable Production and Consumption*. 27 (2021); 176-192. **(Impact Factor = 8.921)**
5. Khalil, I.U., Hena, S., Ghani, U., Ullah, R., **Jan, I.,** et al., 2021. Development and sustainability of rural Economy of Pakistan through local community support for CPEC. *Sustainability*. 13; 686. **(Impact Factor = 3.887)**
6. **Jan, I.,** Ashfaq, M., Chandio, A.A., 2021. Impacts of climate change on yield of cereal crops in northern climatic region of Pakistan. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-021-14954-8>. **(Impact Factor = 5.19)**
7. **Jan, I.** 2020. Socio-economic determinants of farmers' adoption of rainwater harvesting systems in semi-arid regions of Pakistan. *Journal of Agricultural Science and Technology*. 22(2): 377-387. **(Impact Factor = 1.279)**
8. **Jan, I.,** Ullah, W., and Ashfaq, M. 2020. Social acceptability of solar photovoltaic system in Pakistan: key determinants and policy implications. *Journal of Cleaner Production*. 274(2020); 123140. **(Impact Factor = 11.072)**
9. **Jan, I.,** Durrani, S.F., and Khan, H., 2021. Does renewable energy efficiently spur economic growth? Evidence from Pakistan. *Environment, Development, & Sustainability*. 23:373-387. **(Impact Factor = 4.080)**

10. **Jan, I.**, and W. Akram. 2018. Willingness of rural communities to adopt biogas system in Pakistan: Critical factors and policy implications. *Renewable and Sustainable Energy Reviews*. 81(2): 3178-3185. **(Impact Factor = 16.799)**
11. **Jan, I.**, et al. 2017. Adoption of improved cookstoves in Pakistan: a logit analysis. *Biomass and Bioenergy*. 103 (2017): 55-62. **(Impact Factor = 5.744)**
12. **Jan, I.** 2012. What makes people adopt improved cookstoves? Empirical evidence from rural northwest Pakistan. *Renewable and Sustainable Energy Reviews*. 16(5): 3200-3205. **(Impact Factor = 16.799)**
13. **Jan, I.**, K. Humayun, and S. Hayat. 2012. Determinants of rural household energy choices: An example from Pakistan. *Polish Journal of Environmental Studies*. 21(3): 635-641. **(Impact Factor = 1.871)**
14. Ali, S., and **I. Jan**. 2021. Impact of climate change on world's economy and hydrological system. *International Journal of Environment and Climate Change*, 11(1): 78-84. **(International)**
15. Durrani, S.F., **Jan, I.**, and Ahmad, M. 2021. Do Primary Energy Consumption and Economic Growth Drive Each Other in Pakistan? Implications for Energy Policy. *Biophysical Economics and Sustainability*, 6(3): 1-10
16. Wazir, H., and Jan, I. 2020. Moderating effects of organizational commitment on job satisfaction and turnover intention. *Journal of Research in Emerging Markets*, 2(4): 48-57. **(International)**
17. **Jan, I.**, and H. Khan. 2012. Factors responsible for rural household participation in institutional credit programs in Pakistan. *African Journal of Business Management*. 6(3): 1186-1190. **(International)**
18. **Jan, I.**, S. Hayat, and M.A. Khan. 2011. Analysis of rural household employment structure in northwest Pakistan. *Spanish Journal of Rural Development*. II(4): 56-65. **(International)**
19. **Jan, I.** 2010. Institutional change exhibited by agricultural credit system in northwest Pakistan. *International Review of Business Research Papers*. 1(1): 68-80. **(International)**
20. **Jan, I.**, N. Khan, S. N. Shaukat. 2008. Econometric analysis of determinants of participation in agricultural extension services: an example from Pakistan. *Journal of Extension Systems*. 24(1): 63-75. **(International)**
21. **Jan, I.**, and S. Hayat. 2011. Empowerment of rural women through microcredit by rural support programs in Pakistan. *World Review of Business Research*. 1(3): 46-60. **(International)**.
22. Durrani, S.F., **Jan, I.**, and Pervez, S. 2022. Renewable and Non-renewable Energy Consumption and Economic Growth in Pakistan: A Disaggregated Analysis. *Journal of Applied Economics and Business Studies*, Volume. 6, Issue 2 (2022) 77-94.
23. M. Ahmad and **I. Jan**. 2022. Does micro hydropower improve productivity of maize crop? A case of rural Khyber Pakhtunkhwa. *PJAAEVS*, 38 (1): 83-89.
24. **I. Jan**, S. Khan, and T. Mahmood. 2021. Effects of rainwater harvesting on yield of wheat and maize crops in Pakistan. *PJAAEVS*, 2021, 37 (1): 29-35. **(HEC recognized)**
25. Ashfaq, M., and **I. Jan**. 2019. Effects of climate change on productivity of maize crop in Khyber Pakhtunkhwa. *Sarhad Journal of Agriculture*, 35(3): 925-932. **(HEC recognized)**.
26. Khan, M.S., **I. Jan**. 2020. Assessing the Role of Pedagogy in Performance of Schools in Rural Islamabad. *Sir Syed Journal of Education and Social Research*, 3(4): 62-70. **(HEC recognized)**
27. Ashfaq, M. and **I. Jan**. 2019. Effects of climate change on productivity of maize crop in Khyber Pakhtunkhwa. *Sarhad Journal of Agriculture*, 35(3): 925-932. **(HEC recognized)**
28. Aslam, F., A. Salman and **I. Jan**. 2019. Predicting wheat production in Pakistan by using an artificial neural network approach. *Sarhad Journal of Agriculture*, 35(4): 1054-1062. **(HEC recognized)**

29. Salman, A., M.I. Hussain, **I. Jan**, et al., 2018. Farmers' adaptation to climate change in Pakistan: perceptions, options and constraints. *Sarhad Journal of Agriculture*, 34(4): 963-972. **(HEC recognized)**
30. Husnain, M.I., A. Salman, **I. Jan**, T. Mahmood. 2018. Does endogeneity undermine temperature impact on Agriculture in South Asia? *Sarhad Journal of Agriculture*, 34(2): 334-341. **(HEC recognized)**
31. **Jan, I.**, S. Khan, N.P. Khan and M. Ashfaq. 2017. Effects of micro-credit programme of Khushali Bank Limited on agricultural productivity in District Mardan. *Sarhad Journal of Agriculture*, 33(4): 688-693. **(HEC recognized)**
32. Haider, Z., **I. Jan**, and W., Akram. 2017. Effect of conflict on farmers' income from tomato crop in Kurram Agency, Pakistan. *Sarhad Journal of Agriculture*. 33(1): 171-176. **(HEC recognized)**
33. **Jan, I.**, and Waqar Akram. 2016. Legal Pluralism in Traditional Societies: A Case of Agricultural Marketing Relations in Northwest Pakistan. *Journal of Humanities and Social Sciences*. XXIV(1): 13-24. **(HEC recognized)**
34. **Jan, I.**, and S. Pervez. 2016. Governance of clean domestic energy: a need for institutional arrangement in rural northwest Pakistan. *Mehran University Journal of Engineering and Technology*. 35(1): 29-38. **(HEC recognized)**
35. **Jan, I.**, and S. Pervez. 2015. Fuelwood collection and gender time poverty: implications for the development policy. *Journal of Humanities and Social Sciences*. XXIII(2): 63-72. **(HEC recognized)**
36. Nisar, A., and **I. Jan**. 2015. Impact of agricultural credit on wheat productivity in District Jhang, Pakistan. *Sarhad Journal of Agriculture*. 31(1): 65-69. **(HEC recognized)**
37. **Jan, I.**, and I. Khattak. 2013. A quasi-longitudinal analysis of agricultural extension services in Pakistan. *Journal of Humanities and Social Sciences*. XXI(2): 43-54. **(HEC recognized)**
38. **Jan, I.**, S. Munir, A. Usman, and M. Idrees. 2012. Agricultural credit markets in northwest Pakistan: implications for the development policy. *Sarhad Journal of Agriculture*. 28(3): 521-529. **(HEC recognized)**
39. **Jan, I.** 2012. Institutional changes in traditional societies: an example from rural northwest Pakistan. *The Dialogue*. VI(4): 368-381. **(HEC recognized)**
40. **Jan, I.** 2012. Participation in farm markets in rural northwest Pakistan: a regression analysis. *Pakistan Journal of Commerce and Social Sciences*. 6(2): 348-356. **(HEC recognized)**
41. **Jan, I.** 2012. Factors affecting rural livelihood choices in northwest Pakistan. *Sarhad Journal of Agriculture*. 28(4): 617-626. **(HEC recognized)**
42. **Jan, I.**, S. Munir, and M. U. Rehman. 2011. Social status through informal credit markets: an example from rural northwest Pakistan. *Sarhad Journal of Agriculture*. 27(2): 291-297. **(HEC recognized)**
43. **Jan, I.**, R. Mujib, and I. Khattak. 2010. Quality assurance in higher education: issues and problems from Pakistan's perspectives. *Journal of Humanities and Social Sciences*. XVIII(1): 59-69. **(HEC recognized)**
44. Noor, M.K., Akram, M., Amanullah, Prvaiz, U., **Jan, I.** (2009). Impact of education on diffusion of date palm orchards in northwest Pakistan. *Sarhad Journal of Agriculture*. 25(3): 495-500. **(HEC recognized)**
45. **Jan, I.**, W. Manig. 2008. Influence of participation in agricultural support services on income from agriculture: results from the multiple regression model (a case from rural Northwest Pakistan). *Sarhad Journal of Agriculture*. 24(1): 129-136. **(HEC recognized)**
46. **Jan, I.**, K. Humayun, M. Jallaluddin. 2008. Analysis of agricultural extension system: A discrepancy between providers and recipients of the extension services. Empirical evidence from North-west Pakistan. *Sarhad Journal of Agriculture*. 24(2): 349-354. **(HEC recognized)**

47. Khan, N., **I. Jan**, R. Mujib. 2007. The effects of short term agricultural loans scheme of ZTBL on increase in farm production in District Karak. *Sarhad Journal of Agriculture*. 23(4):1285-1290. **(HEC recognized)**
48. Khan, N., **I. Jan**, R. Mujib. 2007. Impact of micro credit on livestock enterprise development in District Abbottabad (a case of SRSP micro credit program). *Sarhad Journal of Agriculture*. 23(4): 1205-1209. **(HEC recognized)**
49. Mujib, R., N. Khan, **I. Jan**. 2007. Post-harvest losses in Tomato crop (A case of Peshawar Valley). *Sarhad Journal of Agriculture*. 23(4): 1279-1284. **(HEC recognized)**
50. Aslam, F., A. Salman, **I. Jan**, and S.S. Aneel. 2021. Policy analytics-insights from Pakistan and India water policies. *Sarhad Journal of Agriculture*, 37(2): 538-547. **(HEC recognized)**
51. Hussain, A., **I. Jan**. 2021. Effect of Foreign Remittances on Social Festivities in District Kurram, Khyber Pakhtunkhwa. *The Dialogue*, 15(3): 103-113. **(HEC recognized)**,
52. Khan, S., M. Khan, **I. Jan**, M. Khan and F.M. Khan. 2020. Determinants of sugarcane yield in district Charsadda, Pakistan. *Sarhad Journal of Agriculture*, 36(4): 1141-1148. **(HEC recognized)**
53. Khan, S., **I. Jan**, and S.F. Shah. 2020. Informal tenancy contracts and sustainable agriculture challenges in rural Pakistan. *Sarhad Journal of Agriculture*, 36(1): 143-152. **(HEC recognized)**