

**MUHAMMAD ISRAR**

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Home Address: Village and P/O Lilownai, Mohallah Banda China, Tehsil Alpurai, District Shangla, Khyber Pakhtunkhwa-Pakistan.

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EDUCATION**POST DOC. (Sustainable Rural Development)**

School of Agriculture and Food Sciences, Faculty of Sciences, The University of Queensland, Queensland, Australia

Ph.D (Rural Development) Institute of Development Studies, Faculty of Rural Social Sciences, The University of Agriculture, Peshawar- Khyber Pakhtunkhwa-Pakistan

M.Sc. (Hons) Rural Development Institute of Development Studies, Faculty of Rural Social Sciences, The University of Agriculture, Peshawar- Khyber Pakhtunkhwa-Pakistan

B.Sc (Hons) (AGRICULTURE) The University of Agriculture, Peshawar- Khyber Pakhtunkhwa Pakistan

Master of Arts (Political Science) University of Peshawar, Peshawar, Khyber Pakhtunkhwa-Pakistan

Bachelor of Laws (LLB) University of Peshawar, Peshawar, Khyber Pakhtunkhwa-Pakistan

Bachelor of Arts (Law, Sociology) University of Peshawar, Peshawar, Khyber Pakhtunkhwa-Pakistan

ADMINISTRATIVE APPOINTMENTS

- 1. Director Campus** Sep. 2019 to April, 2022
Amir Muhammad Khan Campus, Mardan, The University of Agriculture, Peshawar Khyber Pakhtunkhwa.
- 2. Add. Director/Co. to Director Teaching** Sep. 2014 to Oct. 2019
Amir Muhammad Khan Campus, Mardan, The University of Agriculture, Peshawar Khyber Pakhtunkhwa.
- 3. Head/In-charge of Deptt.** Dec. 2012 to April, 2022
Department of Rural Development, Amir Muhammad Khan Campus, Mardan, The University of Agriculture, Peshawar, Khyber Pakhtunkhwa.
- 4. Director Planning and Development** Mar. 2011 to Mar. 2012
University of Swat, Saidu Sharif Swat, Khyber Pakhtunkhwa.
- 5. Head of Department/Chairman** July 2010 to July 2012
Department of Development Studies, University of Swat, Saidu Sharif Swat, Khyber Pakhtunkhwa
- 6. Coordinator of Examinations** April 2012 to Oct. 2012
Department of Development Studies, University of Swat, Saidu Sharif Swat, Khyber Pakhtunkhwa.
- 7. Consultant, UN-Habitat Pakistan** Dec. 2010 to Dec. 2011
United Nations, UN-Habitat Pakistan, household socio-economic Survey under Sustainable Urbanization Project Swat District of Khyber Pakhtunkhwa.
- 8. Livestock Production Officer (BPS-17)** Aug. 2007 to July 2009
Barani Area Development Project (II) Funded by Government of Khyber Pakhtunkhwa- Pakistan and Asian Development Bank. Agriculture, Livestock and Cooperative Department Govt. of Khyber Pakhtunkhwa-Pakistan
- 9. Social Organizer** July 2005 to Aug. 2007
Sarhad Rural Support Programme, District Karak, Kohat Region, Khyber Pakhtunkhwa Pakistan

ACADEMIC APPOINTMENTS

- 1. Associate Professor (BS-20), Rural Development** March 2022 till date
Institute of Development Studies, The University of Agriculture, Peshawar, Khyber Pakhtunkhwa.
- 2. Assistant Professor (BS-19), Rural Development** Oct. 2012 to March 2022
Amir Muhammad Khan Campus, Mardan, The University of Agriculture, Peshawar, Khyber Pakhtunkhwa.
- 3. Assistant Professor (BPS-19), Development Studies** July 2010 to Sept. 2012 Department of Development Studies, University of Swat,

RESEARCH GRANTS/PROJECTS COMPLETED

- Lining of water channels at block D, of Amir Muhammad Khan Research Farm, funded by Government of Khyber Pakhtunkhwa through Water management department Mardan, with a cost of **2.791645 million (Completed, 2021)**.
- Library Support Program, 2019-20. Strengthening the Amir Muhammad Khan Campus Mardan library with the relevant curriculum books. **Rs. One million**, funded by the Higher Education Commission of Pakistan, Islamabad Pakistan **(Completed, 2020)**.
- Lining of water channels of Amir Muhammad Khan Research Farm, with funding from the agriculture department Government of Khyber Pakhtunkhwa, through Water management department Mardan, with a cost of **2.38 million (Completed, 2020)**.

4. Sustainable Development Vulnerability Index- Multidimensional Micro Level Measurement of Sustainable Development Process in slum and rural Pakistan. (2018) HEC/ACAD/TRGP/2018/000412 (5.00 million) By HEC, Islamabad, Pakistan., **Completed**.
5. Households Socio-economic Survey under Sustainable Urbanization Project at Swat District of Khyber Pakhtunkhwa. (0.6 million) By: UN-Habitat (01/01/2011-31/12/2012) (**Completed, 2012**).
6. Diversification of Livelihood in the Northern Pakistan 2009-10 (Completed) Funded by Higher Education Commission of Pakistan. By: HEC (2008-2009), **Completed**.
7. A Survey of Health and Socio-economic Conditions of Selected Low-Income Urban Settlements in Pakistan-Funded by University of Gujrat- Pakistan. (50000) By: the University of Gujrat, Pakistan (2011-2012), **Completed**.

TRAININGS ATTENDED

1. **4th July-4th August 2011** One month "Faculty Professional Development Programme" Organized by Higher Education Commission Islamabad Pakistan for the faculty of the University of Swat.
2. **March 8 to 15, 2008** One-week training on "Project Planning, Monitoring, and Evaluation" arranged for Barani Area Development Project-II Staff at Pakistan Forest Institute, Peshawar.

PUBLICATIONS

JOURNAL ARTICLES (Peer-reviewed)

2022:

1. Land use and cover changes in the northern mountains of Pakistan; A Spatio-temporal change using MODIS (MCD12Q1) time series" in its current form for publication in the Sarhad Journal of Agriculture (Accepted for publication). (HEC, **Recognized, X**).
2. Muhammad Irshad, Shah Rukh, Ghulam Nabi, **Muhammad Israr** and Sham Sheer Ali. 2022. Fruits of microprogramed Strawberry plants exhibited high antioxidant metabolites as compared in vivo grown plants. Pakistan Journal of Botany. 2021-434. (IF. 2.47) (HEC, **Recognized, W**).
3. Abid A., G. Nabi, M. Irshad, M. N. Khan, **M. Israr**, S. Ali, J. Rehman, and W. Ali. Pinching effects on growth and yield of okra. Pure and Applied Biology. Vol. 11(1), pp135-145. <http://dx.doi.org/10.19045/bspab.2022.110015>, (HEC, **Recognized, Y**).

2021:

4. Shakeel A., Haifeng Jia, Zhengxia Chen, Qian Li, Dingkun Yin, **M. Israr**, Waseem Hayat, Hazrat Bilal, Rasheed Ahmed, Anam Ashraf. 2021. Effects of climate and land-use changes on streamflow of Chitral river basin of northern highland Hindu-Kush region of Pakistan. Journal of Hydro-Environment Research 1–10, www.elsevier.com/locate/jher. (IF. 2.47) (HEC, **Recognized, W**).
5. Nadia T., A. Yaseen, **M. Israr**, N. Anwar, M. W. Iqbal, M. N. Asghar. 2021. Data Classification Using Decision Trees J48 Algorithm for Text Mining of Business Data, Vol. 5(2), pp-71-79, LGURJCSIT, (HEC, **Recognized, Y**).
6. Ahmad, S., **M. Israr**, M. Amin, M.S. Hashim, N. Ahmad, and R. Ahmad. 2021. Two-decade Spatio-temporal land use and cover changes in district Shangla of Khyber Pakhtunkhwa, Pakistan. Sarhad Journal of Agriculture, 37(4): 1230-1237. DOI | <https://dx.doi.org/10.17582/journal.sja/2021/37.4.1230.1237> (HEC, **Recognized, X**).

2020:

7. **Israr, M.**, Ross H., and Ahmad, N., 2020. Measuring multidimensional poverty among farm households in rural Pakistan towards sustainable development goals. Sarhad Journal of Agriculture, 36(1): 549-558. (HEC, **Recognized, X**).
8. **Israr, M.**, M. Faraz, and N. Ahmad, 2020. Climate Change and Farmer's Perception for the Sustainability of Farming in Khyber Pakhtunkhwa-Pakistan. American Journal of Rural Development, 8(1) 28-36. DOI: 10.12691/ajrd-8-1-4.
9. **Israr, M.**, F. Rahman, N. Ahmad, and U. Pervaiz. 2020 Measuring Rural Women Empowerment through Index Construction in Mohmand District of Khyber Pakhtunkhwa. Journal of Finance and Economics, 8(3): 107-115. doi: 10.12691/jfe-8-3-3.
10. **Israr, M.**, S. Ullah, and N. Ahmad. 2020. Livelihood Sustainability and Land Degradation in Central Pakhtunkhwa of Pakistan." American Journal of Environmental Protection, 8(2) 43-48. doi: 10.12691/env-8-2-2.

2019:

11. Ullah, S., **M. Israr**, S. Ahmad, N. Ahmad and A. Yaseen. 2019. Farming household socio-economic influences on land degradation in district Mardan of Pakistan. Sarhad Journal of Agriculture, 35(2): 449-458. (HEC, **Recognized, X**).

2018:

12. **Israr, M.**, S. Ullah, S. Ahmad, A. Yaseen, U. Pervaiz, and N. Ahmad. 2018. Perception's vulnerability index: A measure of land degradation process in northern irrigated plains of Pakistan. Sarhad Journal of Agriculture, 34(4): 840-849. (HEC, **Recognized, X**).
13. Shakeel Ahmad, **M. Israr**, Shiyin Liu, Huma Hayat, Jaweria Gul, Sara Wajid, Muhammad Ashraf, Siddique Ullah Baig & Adnan Ahmad Tahir (2018): Spatio-temporal Trends in Snow Extent and their Linkage to Hydro-climatological and Topographical Factors in the Chitral River Basin (Hindukush, Pakistan), Geocarto International; Taylor and Francis Publishers, <https://doi.org/10.1080/10106049.2018.1524517> (IF, 4.89) (HEC, **Recognized**).
14. **Israr, M.**, S. Muqaddar, H. Khan, N. Ahmad, M. Jan, U. Pervaiz, and M. Amir, 2018. Societal Future Sustainability and Early Marriages in Rural Peshawar of Pakistan." Journal of Finance and Economics, vol. 6(6): 228-236. DOI: 10.12691/jfe-6-6-4. (HEC, **Recognized, X**).
15. Asif Yaseen, Muhammad Abid Saleem, Sadaf Zahra, **M. Israr**, (2018) "Precursory effects on entrepreneurial behavior in the agri-food industry", Journal of Entrepreneurship in Emerging Economies, Vol. 10(1), pp.2-22, <https://doi.org/10.1108/JEEE-08-2016-0029>. (HEC, **Recognized, X category**).