

# Inayat Ullah, PhD

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## INTERESTS

Applied Econometrics, Impact Evaluation of Development Interventions, Education and Public Health

## PROFESSIONAL APPOINTMENTS

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Sept 1 <sup>st</sup> , 2022	<b>ISEF Research Fellow</b> [Full Time] Impact Evaluation Program, Seoul National University (SNU), Seoul South Korea
till date	<i>Primary Duties:</i> I primarily work on evaluation of development interventions in Asia and produce causal evidence that helps governments and policy makers assess the effectiveness of reforms and policies in achieving sustainable development outcomes. Key projects completed and work-in-process include: <ul style="list-style-type: none"><li>• Technology-based monitoring and learning outcomes: quasi-experimental evidence from Pakistan. Seven rounds of micro level ASER data are used. Key methods included <i>difference-in-differences</i> and <i>instrumental variable approach</i>. The working paper has received the prestigious <b><u>Innovative Policy Best Paper Award for the year 2023</u></b> from Asian Development Bank and the International Economic Association (IEA). Link <a href="https://events.development.asia/learning-events/winners-2023-adb-iea-innovative-policy-research-award">https://events.development.asia/learning-events/winners-2023-adb-iea-innovative-policy-research-award</a></li><li>• Impact evaluation of Billion Tree Tsunami Afforestation Project on environmental outcomes in the Khyber Pakhtunkhwa province, Pakistan by applying <i>difference-in-differences</i> and <i>instrumental variable</i> approaches. Skills applied include ArcGIS, STATA, and Python in analyzing a large-scale micro-level dataset. Link to the working paper: <a href="https://www.inayat.pro/projects/4_project/">https://www.inayat.pro/projects/4_project/</a></li><li>• Impact of terrorist attacks on learning outcomes in Khyber Pakhtunkhwa and Erstwhile FATA. Methods employed include <i>instrumental variable</i> and <i>difference-in-differences design</i> using ArcGIS and STATA</li></ul>
Sept 28, 2020 -to- Aug 31 <sup>st</sup> , 2022 (2 years )	<b>Assistant Professor</b> , Dept. of Govt & Public Policy [Full Time] National University of Sciences & Technology (NUST) Islamabad, Pakistan ( <a href="https://nust.edu.pk/">https://nust.edu.pk/</a> ) <i>Primary duties performed:</i> <ul style="list-style-type: none"><li>• <b>Courses Taught:</b> Applied Econometrics and Statistics for Public Policy, Applied Statistics for Management, Comparative Public Administrative Systems, Public Financial Management, Introduction to Public Administration, Economics I and Economics II. Contents and students' evaluation reports are available on <a href="https://www.inayat.pro/teaching/">https://www.inayat.pro/teaching/</a></li><li>• Principal Investigator of a field survey-based research project on vulnerability assessment of Afghan migrant and mainstreaming of their school-going children in Islamabad, Pakistan [Data collected and analysis in process].</li><li>• Co-investigator of a semi-structured survey tracking the vulnerability of middle-income salaried population in three keys sectors of the economy: health, education and IT.</li><li>• Supervised Research Projects including: (1) Impact Evaluation of Digital Divide on Learning Outcomes using large scale micro-level data in Pakistan (2) Financial Inclusion in Developing Countries: Prospects and Challenges</li></ul>
Jan 1 <sup>st</sup> , 2020 -to- Dec 31 <sup>st</sup> , 2020 (1 Year)	<b>Evaluation Team Lead, Impact Evaluation Project</b> [Part-time] Korean Government Funded Project: Punjab Land Record Digitization Program in collaboration with the Department of Management Sciences, COMSATS University Islamabad, Attock Campus, and KDI School of Public Policy and Management, Islamabad. Working paper published by KDI School. Link <a href="https://archives.kdischool.ac.kr/handle/11125/43185">https://archives.kdischool.ac.kr/handle/11125/43185</a> <i>Primary Duties:</i> <ul style="list-style-type: none"><li>• As a Team Lead, supervised a team seven practitioners and researchers to design and implement evaluation framework, develop a theory of change, collect data, conduct field works and apply advanced statistical techniques including generalized <i>difference-in-differences</i> to evaluate the causal impact of land-record computerization on dispute resolutions and other economic indicators in the Punjab province of Pakistan.</li><li>• One of the outcomes of this research project is a paper provisionally accepted (<b><u>R&amp;R requested</u></b>) by the <b><u>Land Use Policy</u></b> journal while its working paper is already published by the KDIS.</li><li>• Conducted a series of <i>Impact Evaluation Workshops</i> and developed <i>instructional modules</i> for practitioners and researchers and teams of projects working on similar areas.</li></ul>

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	<ul style="list-style-type: none"> <li>Report writing and subsequent presentation of research findings in the KDI School Research Seminar.</li> </ul>
Jan 25, 2019 -to- Sep 27, 2020 <b>(1.6 Years)</b>	<b>Lecturer</b> [full time], Dept. of Mg. Sciences, COMSATS University Islamabad, Attock Campus <i>Courses Taught:</i> Statistical Inferences in Research Methodology (Post-graduate), Project quality and Risk Management (post-graduate), Financial Econometrics (Undergraduate), Project Management (Undergraduate), Public Policy Analysis (Graduate).
Jan 11, 2012 -to- Jan 12, 2015 <b>(3 Years)</b>	<b>Lecturer, Disaster Management Programme</b> [Full Time] Centre for Disaster Preparedness and Management (CDPM), University of Peshawar <i>Primary Duties:</i> <ul style="list-style-type: none"> <li>Regularly taught extensive courses and conducted practical workshops for practitioners and students of disaster management in the centre.</li> <li>Co-organized a series of Annual Disaster Management Exhibitions (DMEs) in which more than 100 national and international humanitarian organizations displayed their contribution, visions and activities related to disaster risk reduction in the context of both natural and man-made disasters in Pakistan.</li> <li>Collaborated and networked with dozens of local non-governmental organizations to make DMEs successful. CDPM gave me an opportunity to establish a long-lasting relationship with organizations working in the development sector particularly in disaster risk reduction and management.</li> </ul>
Apr 01, 2020 -Jul 31, 2020 <b>(4 Months)</b>	<b>Development Economics Consultant</b> Centro de Capacitación en Economía y Finanzas, Lima, Peru ( <a href="https://www.grupolambda.com.pe/">https://www.grupolambda.com.pe/</a> ) <i>Primary Duties:</i> <ul style="list-style-type: none"> <li>Conducted an extensive Seminar Course “Development Economics in Practice” online to the post-graduate students of development economics.</li> <li>Provided consultation on developing evaluation designs and assessed participants project proposals based on internal and external validity and data availability.</li> </ul>
May 01, 2018 -to- Jan 01, 2019 <b>(8 months)</b>	<b>Research Assistant</b> [Part Time], KDI School of Public Policy and Management, South Korea Project Title: <i>Impact Evaluation of Government School Monitoring Program, Khyber Pakhtunkhwa Province, Pakistan:</i> Project Managers: Prof. Hee-Seung Yang & Prof. Kim, Booyuel, KDI School
April 01, 2018 -to- Jan 01, 2019 <b>(9 months)</b>	<b>Research Assistant</b> [Part Time], KDI School of Public Policy and Management, South Korea Project Title: <i>Analysis of 150 modularization cases through the Knowledge Sharing Program (KSP) at the Korea Development Institute (KDI).</i> Project Manager: Prof. Dong Young Kim, KDI School of Public Policy and Management
2017 & 2018	<b>Teaching Assistant, Basic Economics</b> [Part Time], at the KDI School of Public Policy, South Korea
Feb 2010-to- Feb 2011 <b>(1 Year)</b>	<b>Research Project Assistant</b> [Part Time], Agriculture Department, Government of Khyber Pakhtunkhwa Pakistan

## **RESEARCH PROJECTS AND AWARDS**

<u>2023</u>	ADB-IEA Innovative Policy Research Award 2023 Link to the 2023 announcement: <a href="https://events.development.asia/learning-events/winners-2023-adb-iea-innovative-policy-research-award">https://events.development.asia/learning-events/winners-2023- adb-iea-innovative-policy-research-award</a>
2022-to-2023	CHEY Foundation International Scholar Exchange Fellowship Award 2022 Project Title: Impact Evaluation of development interventions in Pakistan
2020-to-2021	KDI School, Impact Evaluation Research Project Award Project Title “ <i>Impact Evaluation of the E-governance Initiatives by the Punjab Government, Pakistan</i> ” funded by the KDI School Korea, [Completed, R&R by <i>Land Use Policy</i> ]
2021-to-2022	Principal Investigator, NUST Research Project Grant, titled “ <i>Assessment of Parental Preferences towards Children Schooling</i> ” with Saeeda Khannum. [Data collected and analysis in process]
2021-to-2022	Co-Investigator, NUST Research Project Grant, titled <i>Assessment of Vulnerability to Poverty of the Working Middle Class in Times of Crises in Pakistan</i> with Wajiha Haq, S3H NUST

2016-to- 2019 Global Ambassador Scholarship Award for PhD in Public Policy  
Korea Development Institute, School of Public Policy & Management, South Korea

## **EDUCATION**

- 2016-2018 Ph.D Public Policy, Korea Development Institute (KDI), School of Public Policy and Management, South Korea.  
Dissertation Topic: Three Essays on Impact Evaluation of Governance Interventions for Sustainable Development Outcomes in Developing Countries  
Advisors: Dong-Young KIM, Booyuel KIM and Prof. Heeseung YANG  
**PhD Coursework**  
Advanced Econometrics, Basic Econometrics, Development Economics, Microeconomics-I, Macro-Economic Policy, Microeconomics II (with Game Theory), Impact Evaluation Methods, Education Policy Analysis, Participatory Governance in Public Decision Making, Fragile States and Development Outcomes, Foundations of Public Policy and
- 2011-2013 M.Phil. in Finance and Management, University of Malakand-Pakistan  
Thesis Title: The Role of Microfinance Services on Resilience Development of Flood Affected Community in District Swat, Pakistan (Published by Emerald Journal, JEC)  
Supervisor: Dr. Madiha Khan
- 2012-2013 Post Graduate Diploma in Disaster Management, University of Peshawar-Pakistan  
Thesis Title: Impact of Microfinance on Disaster Risk Reduction
- 2009-2011 Master, Business Administration, University of Peshawar-Pakistan  
Specialization: Finance (Distinction)

## **PUBLICATIONS IN REFEREED ACADEMIC JOURNALS**

### **Under Review (R& R requested)**

- 2023 “Impact of early access to land record information through digitization: evidence from alternate dispute resolution data in Punjab, Pakistan” Revision submitted to *Land Use Policy* with Hussain, Saqib

### **Published Papers**

- 2022 **Buyeol Kim and Inayat Ullah.** (2022). Impact Evaluation of Teacher Attendance Monitoring Program for Public Schools in Khyber Pakhtunkhwa Province of Pakistan (파키스탄 교사출석 모니터링 프로그램 영향평가: Khyber Pakhtunkhwa 주 공립학교 사례를 중심으로) *International and Regional Studies*, 31(1), 63-86. *KCI Accredited Journal*  
[http://publication.gsis.snu.ac.kr/?download\\_doc\\_id=7455](http://publication.gsis.snu.ac.kr/?download_doc_id=7455)
- 2021 Ullah, I., & Kim, D. Y. (2021). Inclusive Governance and Biodiversity Conservation: Evidence from Sub-Saharan Africa. *Sustainability*, 13(7), 3847. (IF: 3.88)  
<https://doi.org/10.3390/su13073847>
- 2021 Anwar, A.; Ullah, I.; Younis, M.; Flahault, A. Impact of Air Pollution (PM2.5) on Child Mortality: Evidence from Sixteen Asian Countries. *Int. J. Environ. Res. Public Health* 2021, 18, 6375. <https://doi.org/10.3390/ijerph18126375> (IF: 3.39 )
- 2020 Ullah, I., & Kim, D. Y. (2020). A Model of Collaborative Governance for Community-based Trophy-Hunting Programs in Developing Countries. *Perspectives in Ecology and Conservation*. Vol 18 (3) PP 145-160. (IF: 3.563)  
<https://doi.org/10.1016/j.pecon.2020.06.004>
- 2020 Anwar, A.; Younis, M.; Ullah, I. Impact of Urbanization and Economic Growth on CO2 Emission: A Case of Far East Asian Countries. *Int. J. Environ. Res. Public Health* 2020, 17, 2531.  
<https://doi.org/10.3390/ijerph17072531> (IF: 3.39)
- 2020 Ullah, I., & Akhoubzi, W. (2020). The e-Governance of Land Record and Social Dispute Resolution: An Impact Evaluation of the Punjab Land Record Management Information System (PLRMIS) in the Punjab Province Pakistan. In *EGOV-CeDEM-ePart-\** Vol 2797 (pp. 235-248).  
<http://ceur-ws.org/Vol-2797/paper23.pdf>

- 2020 Ullah, Z., Ullah, I., Ullah, I., Mahmood, S., & Iqbal, Z. (2020). Poaching of Asiatic Black Bear: Evidence from Siran and Kaghan Valleys, Pakistan. *Global Ecology and Conservation*, e01351. (IF: 2.52)
- 2017 Ullah, I., & Khan, M. (2017). Microfinance as a tool for developing resilience in vulnerable communities. *Journal of Enterprising Communities: People and Places in the Global Economy*, 11(2), 237-257 (IF: 2.7)  
<https://doi.org/10.1108/JEC-06-2015-0033>
- 2013 Ullah, I., (2013) et al. Correlation Dynamics in Equity Markets of Pakistan and India: A Case Study in the Context of Financial Crisis 2008. *City University Research Journal*, 3(2), 76–84. HEC Recognized.

### **Working Papers (ongoing)**

- 2020 Yang, H. S., Kim, B., & Ullah, I. (2020). Teachers' Monitoring and Learning Outcomes: Evidence from Public Schools in Pakistan. *KDI School of Public Policy & Management Paper*, (20-02).
- 2021 Ullah, I., Hussain, S., Akhoubzi, W., Hussain, S., Riaz, M. K., Jamil, S., & Parveen, A. P. (2021). Impact Evaluation of the Land Record Management Information System in the Punjab Province, Pakistan. *KDI School of Pub Policy & Management Paper*.
- Impact of domestic fuel choice on children health outcomes using MICS Data with Abbas Faisal
  - *Assessment of Vulnerability to Poverty of the Working Middle Class in Times of Crises in Pakistan* with Wajiha Haq, S3H NUST (Approved Research Grant)
  - *Assessment of parents' preferences towards children schooling: an intervention-based study of vulnerable migrant/ Afghan refugees in Pakistan* with Saeeda Khanum, S3H, NUST

### **PAPER PRESENTATIONS AT INTERNATIONAL RESEARCH CONFERENCES/SEMINARS**

- 2023 Asian Economic Development Conference (AEDC) 2023, University of Tokyo, Japan July 15-16, 2023.
- 2023 ADB-IEA Innovative Policy Award Session, ADB Annual Meetings, Incheon South Korea 05 May 2023.
- 2021 Agribusiness Innovations for Sustainable Rural Community Development organized by Asian Productivity Organization (Japan). 24–26 March 2021
- 2020 The IFIP EGOV-CeDEM-ePart2020 conference (online), Sweden, Sept 1-2, 2020
- 2019 The Society for Research on Educational Effectiveness (SREE) 2019 Conference, Washington D.C, USA March 6-9, 2019.
- 2018 Asian and Australian Society of Labor Economics (AASLE), Seoul National University, Seoul, South Korea, 13-15 December 2018.
- 2018 KDI School 3ie Conference on Impact Evaluation in Development Research, November 22<sup>nd</sup>-23<sup>rd</sup>, 2018, Seoul, South Korea.
- 2018 Brown Bag Seminar, Korea Development Institute, School of Public Policy and Management, Sejong City, South Korea, Dec 04, 2018.

### **TECHNICAL SKILLS SET**

Quantitative Data:	STATA (Professional), EViews, SPSS, R and Python
Spatial Data:	ArcGIS, R, Python
Qualitative Data [Meta] Analysis:	Nvivo, Obsidian,
Publications and Write-ups:	LateX, Mendeley, Endnotes