

## CURRICULUM VITAE

### DR. SANAULLAH PANEZAI

Nationality Pakistani  
Religion Islam  
University University of Balochistan, Quetta, Pakistan  
Address Department of Geography and Regional Planning, G-212, University of Balochistan, Quetta, 87300, Pakistan.  
Mobile +92-333-7871676  
Personal Email [sanaullah.panezai@gmail.com](mailto:sanaullah.panezai@gmail.com)  
Official Email [sanaullah.panezai@um.uob.edu.pk](mailto:sanaullah.panezai@um.uob.edu.pk)



#### Websites' URLs

JGSS <https://www.jgss.uob.edu.pk/>  
UoB <http://www.uob.edu.pk/geography/faculty.htm>  
CERBM <https://www.cerbm.com/>  
GIL <https://gil.uob.edu.pk>

#### Research Links

Web of Science <https://www.webofscience.com/wos/author/record/Y-8041-2018>  
Scopus <https://www.scopus.com/authid/detail.uri?authorId=57188768684>  
Google Scholar <https://scholar.google.co.th/citations?user=xVHyHvYAAAAJ&hl=en>  
ResearchGate <https://www.researchgate.net/profile/Sanaullah-Panezai>  
ORCID <https://orcid.org/0000-0003-1460-1790>  
Academia <https://xix.academia.edu/SanaullahPanezai>  
ScholarGPS® ID [31478960057720](https://scholargps.com/31478960057720)

#### EDUCATION

Degree	Year	Subject	University
Post-Doctorate (In progress)	2026	Capacity Need Assessment (CNA) of Metropolitan Corporation Quetta	University of Tokyo, Japan
Doctor of Philosophy (Ph.D.)	2017	Regional and Rural Development Planning, (RRDP)	Asian Institute of Technology, Bangkok, Thailand
Master of Science (MS)	2012	Regional and Rural Development Planning, (RRDP)	Asian Institute of Technology, Bangkok, Thailand
Master of Science (M.Sc.)	2004	Geography	University of Balochistan, Quetta, Pakistan
Bachelor of Science (B.Sc.)	2001	Geography	University of Balochistan, Quetta, Pakistan

## **RESEARCH INTERESTS**

- Human Geography and Related Issues
- Urban Planning and Management
- Regional and Rural Development Planning
- Climate Change and Adaptation
- Agriculture Finance
- Capacity Need Assessment and Development
- Public Health Policy, Practice and Development
- Development of Primary Health Care (PHC) Services
- Disaster Risk Reduction and development
- Humanitarian Interventions of GOs and NGOs in Disasters

### **Courses Taken at Postgraduate Level**

- Community Development Planning
- Regional Planning Techniques
- Rural and Regional Development
- Geographic Information System
- Advanced Techniques in GIS
- NGO Management, Policy and Development Administration
- Human Conflicts and Humanitarian Emergency Management
- Project Planning and Management
- Social Research Methods in Development Planning
- Qualitative Research Analysis
- Quantitative Data Analysis
- Spatial Data Analysis

### **Courses Taught at Postgraduate Level**

- Human Geography
- Population Geography
- Political Geography
- Economic Geography
- Urban Planning and Management
- Regional Planning Techniques
- Statistical Analysis in Geography
- Advanced Research Methods
- Qualitative Methods
- Climatology

### **Courses Developed for M.Phil./Ph.D. Programs**

- Advanced Research Methodology
- Introduction to SPSS
- Statistical Techniques in Geography & Planning
- Regional Development Planning Techniques
- Rural Development Planning in Pakistan
- Qualitative Research Methods

- Healthcare Policy, Practice and Development
- Urban Governance and Holistic Waste Management
- Environmental Impact Assessment (EIA)

## **PROFESSIONAL EXPERIENCE**

### **Teaching Experience**

<b>Faculty Status</b>	<b>From</b>	<b>To</b>	<b>University</b>
Associate Professor (Tenured)	13-01-2024	Present	University of Balochistan, Quetta
Assistant Professor (TTS)	03-06-2017	12-01-2024	University of Balochistan, Quetta
Lecturer	25-06-2007	2-06-2017	University of Balochistan, Quetta
<b>Total Experience</b>	<b>As of 17<sup>th</sup> August 2025</b>		<b>18 Years, 1 month, 24 days</b>

Note. TTS= Tenure Track System

### **Administrative Experience**

<b>Responsibilities</b>	<b>From</b>	<b>To</b>	<b>University</b>
Chairperson, Department of Geography and Regional Planning	1-1-2024	4-4-2024	University of Balochistan, Pakistan
	2-1-2023	1-3-2023	
Coordinator M.Sc. Program	2018	2019	University of Balochistan, Pakistan
Coordinator M.Phil. Program	2019	2019	University of Balochistan, Pakistan
Coordinator BS Program	2023	Till Date	University of Balochistan, Pakistan
Focal Person for Turnitin Plagiarism	2018	Till Date	University of Balochistan, Pakistan
Member of the Department Admission Committee (DAC)	2018	Till Date	University of Balochistan, Pakistan
Member of the Department Semester Committee (DSC)	2018	Till Date	University of Balochistan, Pakistan

### **Research and Consultancy Experience**

- **Higher Education of Pakistan (HEC) approved Ph.D. research supervisor** for social sciences since 18<sup>th</sup> February 2018 till present.
- **Research Supervision:** Supervised the graduate and post-graduate students' research on regional development planning at Department of Geography and Regional Planning, University of Balochistan, Quetta, Pakistan.
- **Editor-in-Chief:** Serves as Editor-in-Chief, Journal of Geography and Social Sciences (JGSS) (since September 2019 till present).

- **Social Sector Specialist:** Serving as Social Sector Specialist at Government Innovation Lab (GIL): (Since June 2019 till present). Government Innovation Lab is a joint project of UNDP, Planning and Development Department, Government of Balochistan and University of Balochistan, Quetta. GIL is a platform for providing social and technological solutions to the public sector problems.
- **Capacity Building Specialist:** Serving as capacity building specialist at Center of Excellence for Results Based Management (CERBM), University of Balochistan, Quetta: (Since February 2021 till present).
- **Technical and Research Advisor for Combating Covid-19 for Balochistan Operation and Command Center (BCOC), Govt. of Balochistan, Pakistan:** Served as Technical and Research Advisor at the Balochistan Operation and Command Center (BCOC) for supporting Government of Balochistan in combatting Covid-19 through modelling of virus spread, and framing lockdown strategies at provincial level. (March 16, 2020 till August 2020).

### **MEMBERSHIPS**

- **Member of the Technical Committee for Quetta Master Plan 2020-2050:** since 14-12-2023.
- **Member of the Technical Committee of the Master Plans of 32 Towns of Balochistan:** (Since March 2021 till present) Serves as technical committee member of the Master Plans of 32 Towns of Balochistan
- **Co-opted Member of the Balochistan Coastal Development Authority (BCDA):** (Since April 2021 till date). Serves as co- member of the Consultant Selection Committee for the selection of Consultant for Master Planning of Balochistan Cost Line since 24<sup>th</sup> April 2021 till present.
- **Focal Person for National Spatial Data Infrastructure (NSDI):** Feasibility Study for Establishment of National Spatial Data Infrastructure (NSDI) for Pakistan. (26-09-2022 till date)
- **Member National Platform for Housing Research (NPHR):** (Since April 2021 till present).
- **Editorial Board Membership:** Member of the editorial board of the Journal of Applied Researches in Geographical Sciences since February 2022.

### **DEVELOPMENT PROJECTS Completed as Principal Investigator (PI)**

<b>2025 - Project 5</b>	<b>Donor</b>	<b>Funds</b>	<b>Duration</b>	<b>Role</b>
Geotagging Survey of Immovable Assets of Metropolitan Corporation Quetta (Ongoing)	Metropolitan Corporation Quetta (G2G LOA)	1.59 Million Pakistani Rupees (PKR)	December 2025- 1 January 2026	<b>Principle Investigator (PI)/ Lead Researcher</b>
<b>2025 - Project 4</b>				
Assessment of the Health Status and Prevalence of Gender-Based Violence (GBV) among Afghan Refugees Residing in Refugee Camps Across Balochistan	Commissionerate Afghan Refugees (CAR), Balochistan	7.52 Million Pakistani Rupees (PKR)	30 <sup>th</sup> December 2024 to 6 <sup>th</sup> March 2025	<b>Principle Investigator (PI)/ Lead Researcher</b>
<b>2024 - Project 3</b>				
Conducting Training Needs Assessment, Developing Training Material and	International Labour	4.6 Million Pakistani Rupees (PKR)	21 <sup>th</sup> February to 31	<b>Principle Investigator</b>

Facilitating Training on Gender Equality in the World of Work in Balochistan	Organization (ILO)		August 2024	(PI)/ Lead Researcher
<b>2022 - Project 2</b>				
<b>Capacity Needs Assessment (CNA)</b> of the following Eight (08) Government Departments of Balochistan, Pakistan: <ol style="list-style-type: none"> <li>1. Balochistan Public Procurement Regulatory Authority (BPPRA),</li> <li>2. Balochistan Revenue Authority (BRA)</li> <li>3. Board of Revenue (BoR) Balochistan</li> <li>4. Excise, Taxation and Anti-Narcotics (ET&amp;AD) Balochistan</li> <li>5. Provincial Ombudsman Balochistan</li> <li>6. Provincial Ombudsman on Anti-Harassment at Workplace</li> <li>7. Women Development Department</li> <li>8. Anti-Corruption Establishment Balochistan.</li> </ol>	World Bank funded via Governance and Policy Project (GPP) Balochistan	15.6 million Pakistani Rupees (PKR)	13 <sup>st</sup> September 2021 to 30 <sup>th</sup> June 2022	<b>Principle Investigator (PI) /Team Lead</b>
<b>2020 - Project 1</b>				
The <b>Capacity Need Assessment (CNA)</b> of the Bureau of Statistics (BoS) Balochistan and Statistical Cells in the Line Departments of Government of Balochistan, Pakistan	UNDP	1.37 million Pakistani Rupees (PKR)	1 <sup>st</sup> October to 31 <sup>st</sup> December 2020.	<b>Principle Investigator /Team Lead</b>

#### **DEVELOPMENT PROJECTS Completed as Co-Principal Investigator (Co-PI)**

<b>2021 - Project 7</b>				
Development of <b>Management Information System (MIS)</b> with Complaint Management System for Quetta Water and Sanitation Authority (QWASA)	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)
<b>2021 - Project 6</b>				
<b>Smart Environment Monitoring System</b> Through IoT based Sensors for Environmental Protection Agency (EPA), Government of Balochistan	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)
<b>2021 - Project 5</b>				
Development of <b>Human Resource Management Information System (HRMIS)</b> for Quetta Development Authority (QDA)	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)

<b>2021 - Project 4</b>				
<b>Geotagging and Mapping of QDA Approved Schemes</b> with Dashboard for Quetta Development Authority (QDA)	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)
<b>2021 - Project 3</b>				
<b>Admission &amp; Enrollment System for Colleges</b> along with Official Website for Colleges Higher & Technical Education Department (CH&TE), Government of Balochistan	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)
<b>2021 - Project 2</b>				
Development of <b>Website and Complete HRMIS, FMIS, Asset Management, Complaint Management</b> & Prototype for Vehicle Tracking for Metropolitan Corporation Quetta (MCQ), Balochistan.	UNDP	Institutional Agreement	June 2020 to June 2021	Social Sector Specialist (Co-PI)
<b>2015 - Project 1</b>				
Regional Review of Policy and Practice supporting Implementation of Community-based interventions to strengthen Disaster Resilience in Southeast Asia	UNDP	28,500 THB	30 June to 15 July 2015	Research Associate (Co-PI)

### **CONFERENCES ORGANIZED**

<b>S. No</b>	<b>Name of Conference</b>	<b>Year</b>	<b>Organizer</b>	<b>Venue</b>	<b>Role</b>
1.	International Conference on Plant Science and Management of Drylands for Agriculture and Biodiversity – A Step Towards Sustainable Development	1-2 June 2022	Department of Botany, University of Balochistan	Main Auditorium, University of Balochistan, Quetta.	Member of Organizing Committee
2.	All World Muslim Educational Conference 2022 (AWMEC2022)	21-22 September 2022	IJSmart Publishing Company®	Fast National University of Computer and Emerging Sciences Faisalabad-Chiniot Campus	Member of Organizing Committee
3.	2 <sup>nd</sup> International Conference on Environmental Sciences. Series of All World Muslim Educational Conference 2025 (AWMEC2025)	14-16 December 2025	IJSmart Publishing Company®	Government College University Faisalabad	Member of Organizing Committee

## THESIS/DISSERTATION

### Ph.D. Dissertation (2017)

- **Thesis Title:** Access to and Utilization of Primary Health Care Services in Balochistan: A Gender Specific Study.
- **University:** Regional and Rural Development Planning, School of Environment, Resources and Development, Asian Institute of Technology, **Thailand.**

### MS/M. Phil Thesis (2012)

- **Thesis Title:** Inter-district variation in health care services in Balochistan. A preventive and curative health care services
- **University:** Regional and Rural Development Planning, School of Environment, Resources and Development, Asian Institute of Technology, **Thailand**
- **Publisher:** Published with Lambert Academic Publishing, Heinrich-Böcking-Str. 6-8, 66121 Saarbrücken, Germany, ISBN: 978-3-659-565 18-2

### M. Sc. Thesis (2004)

- **Thesis Title:** “The Impacts of socio-economic condition on literacy ratio In Khanozai”, Faculty of Earth Sciences, Department of Geography, University of Balochistan, Quetta **Pakistan.** (2004)
- **University:** University of Balochistan, Quetta

## PUBLICATIONS

### International Refereed Journal Articles

Q1	Q2	Q3	Q4	Web of Science Indexed/IF Articles	Scopus Indexed
7	10	3	5	22	23

### 2025

1. Ullah, S., Ullah, N., Tariq, A., **Panezai, S.**, Tahir, P., & Khan, B. (2025). Spatial assessment of the availability of healthcare facilities at district level in Balochistan using GIS: identifying gaps and way forward. *Spatial Information Research*, 33(2), 1-14. <https://doi.org/10.1007/s41324-025-00602-7> [Q2, IF=2.0, X-Category].
2. Khan, A., Gul, S., Agha, SAS, **Panezai, S.** Khan, N., Ziad, T. Akbar, A., (2025). Agricultural management practices and soil quality – A study on agricultural lands of Hanna Village, Balochistan, Pakistan. *Journal of Mountain Science*. 22(3): 846-859. <https://doi.org/10.1007/s11629-024-9007-z> [Q2, IF=2.5, W-Category].
3. Shah, H., **Panezai, S.**, E Saqib, S., & Malik, B. (2025). Factors Affecting Willingness to Pay for Improved Solid Waste Management in Quetta, Pakistan. *Geography and Regional Future Studies*, 2(Special Issue), 47-58. <https://doi.org/10.30466/grfs.2025.55678.1073>
4. Bayramzadeh, N., Mousavi, M. N., & **Panezai, S.** (2025). Provincial inequalities in Iran: A comprehensive planning model for budget allocation. *Town and Regional Planning*, 86(1), 46-61. <https://doi.org/https://doi.org/10.38140/trp.v86i.8271> [Q4, IF=0.5, X-Category].

5. Jie, Y., Ullah, N., Tariq, A., **Panezai, S.**, Abdullah-Al-Wadud, M., & Ullah, S. (2025). Assessment and economic evaluation of delineation of agricultural groundwater potential zones using geo-spatial and multi-influencing factor techniques. *Applied Water Science*, 15(8), 210. <https://doi.org/10.1007/s13201-025-02567-2> [Q1, IF=5.7, W-Category].
6. **Panezai, S.**, & Saqib, S. E. (2025). Factors determining mistrust of government agencies in Zakat collection in Pakistan. *Development in Practice*, 1-12. <https://doi.org/10.1080/09614524.2025.2605528> . [Q4, IF=1.0, X-Category]
7. Ullah, N., Tariq, A., Rehman, T., Ullah, S., Panezai, S., Uddin, M. G., . . . Alamery, E. R. (2025). Rainwater Harvesting using Multi-Influence Factor, Fuzzy Overlay, WLC, and Geospatial Techniques: A Tool for Sustainable Groundwater Management. *Water, Air, & Soil Pollution*, 237(5), 289. doi:10.1007/s11270-025-08993-x . [Q2, IF=3.0, W-Category]
8. Baloch, MK; Gul, G; **Panezai, S.**; Shaheen, U; Khan, N; Ziad, T; Saeed, S; Ahsan, N. (2025) Farming systems and soil quality of agricultural lands of warm desert Turbat, Balochistan, Pakistan. *Bulgarian Journal of Agricultural Science*. [Under Review]. [Q2, IF=0.5, X-Category].
9. Shah, M; Gul, S; Shaheen, U; **Panezai, S.**; Khan, N; Ziad, T; Akbar, A. (2025). Cropping systems and soil quality of agricultural lands of Toba Kakari, Killa Abdullah, Balochistan, Pakistan. *Journal of Mountain Science*. [Under Review]. [Q2, IF=2.5, W-Category].
10. Panezai, H., Abro, A. A., & **Panezai, S.** (2025). The Role of Family Characteristics in the Development of Delinquent Behavior among Juveniles in Pakistan. *Qlantic Journal of Social Sciences*, 6(4), 1-277. [HEC: Y-Category].

## 2024

11. Kakar, A. K., Quratul Ain, and **Panezai, S.**, (2025). Global Warming and Its Possible Impacts on Fisheries in Developing Countries: A Systematic Literature Review. *Present Environment and Sustainable Development*. 18(2). 183-206. <https://doi.org/10.47743/pesd2024182011> [Q3, IF=0.5, X-Category].
12. Barozai, M and **Panezai, S.** (2024). A Systematic Review of Occupational Health and Safety in Mining Sector in Pakistan. *Int. J. Econ. Environ. Geol.* Vol. 15 (1) 07-16.
13. Ullah, N., Tariq, A., Qasim, S. **Panezai, S.** et al. Geospatial analysis and AHP for flood risk mapping in Quetta, Pakistan: a tool for disaster management and mitigation. *Appl Water Sci* 14, 236 (2024). <https://doi.org/10.1007/s13201-024-02293-1> [Q1, IF=5.7, W-Category].
14. Khan, M., Gul, S., Kakar, H., **Panezai, S.**, Khan, N., Ziad, T., ... & Shaheen, U. (2024). Physico-chemical properties and macrofauna of soils under various farming systems of cold arid region in Balochistan, Pakistan. *Journal of Mountain Science*, 21(8), 2618-2630. [Q2, IF=2.5, W-Category].
15. **Panezai, S.**, & Kakar, A. K. (2024). Exploring the Impacts of Climate Change on Agriculture: The Case of Devastating Floods of 2022 in Balochistan, Pakistan. *Nangarhar University International Journal of Biosciences*, 339-343.
16. Shahzada, N., **Panezai, S.**, Kakar, A. K. (2023). Citizen Satisfaction with Municipal Services: A Meta-Analysis. *Journal of Geography and Regional Future Studies*. 1(3), 80-64. [10.30466/GRFS.2024.55104.1041](https://doi.org/10.30466/GRFS.2024.55104.1041)
17. Muhammad, S., **Panezai, S.**, & Kakar, A. K. (2024). Assessing Municipal Solid Waste Management System in Quetta, Pakistan. *Geography and Regional Future Studies*, 1(3), 99-112. [10.30466/GRFS.2024.55115.1043](https://doi.org/10.30466/GRFS.2024.55115.1043)

## 2023



18. Taran, M. T., Gul, S., **Panezai, S.**, Naseem, M., Shaheen, U., Ziad, T., . . . Panezai, M. A. (2023). Does Land Use History has an Influence on Soil Quality? A Case Study with Agricultural Lands of Rodh Mulazai, Pishin, Balochistan Pakistan. *Food Science and Technology*. 43, e27323. <https://doi.org/10.5327/fst.27323>.
19. Ain, Q. u., **Panezai, S.**, & Saqib, S. e. (2023). Hospital Waste Management Practices in Pakistan: A Systematic Review. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*, 42(3), 630-647.
20. Kakar, A. K., **Panezai, S.**, & Saqib, S. E. (2023). Impacts of Climate Change on Livestock and Adaptation: A Meta-Analysis. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*, 42(3), 568-587. doi:DOL:10.17605/OSF.IO/BVWU7
21. Neelum, S., **Panezai, S.**, and Saqib, S. E. (2023). Exploring the Causes, Effects and Possible Solutions of Traffic Congestion in Pakistan: The Case of Quetta Metropolitan City. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*. 42(1).

## 2022

22. Riaz, S., & **Panezai, S.** (2022). Assessment of the Perceived Causes and Treatment of Female Infertility in Quetta Balochistan, Pakistan. *Research in Obstetrics and Gynecology*, 7(1), 1-8.
23. Malik, B., **Panezai, S.**, Saqib, S. E., & Ambreen, R. (2022). Assessing Solid Waste Management Practices and Willingness to Pay for Improved Solid Waste Services in Khanazai, Balochistan, Pakistan. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*, 41(12), 141-158.
24. Chaiya, C., **Panezai, S.**, Saqib, S. E., & Ashraf, M. (2022). Satisfaction of Tuberculosis Patients with Directly Observed Treatment Strategy under Pakistan Healthcare Policy: A Mixed-method Study. *Healthcare*. [Q2, IF=2.4, W-Category]
25. Kasi, W. A., **Panezai, S.**, & Saqib, S. E. (2022). Wastewater Irrigation and Associated Health and Environmental Factors in Pakistan: A Scoping Review. *Environment and Resources*, 12(3), 76-87. doi:DOL:10.5923/j.re.20221203.02
26. Rahman, G., Rahman, A.-u., Munawar, S., Moazzam, M. F. U., Dawood, M., Miandad, M., & **Panezai, S.** (2022). Trend analysis of historical and future precipitation projections over a diverse topographic region of Khyber Pakhtunkhwa using SDSM. *Journal of Water and Climate Change*, 13(10). doi:<https://doi.org/10.2166/wcc.2022.160> [Q2, IF=2.7, W-Category].
27. Sikandar, **Panezai, S.**, Saqib, S. E., Muhammad, S., Bilal, & Khan, I. (2022). Factors Determining Child Labor: Empirical Evidence from Khyber Pakhtunkhwa, Pakistan. *Changing Societies & Personalities*, 6(1), 123-143. [Q4, IF=0.4, X-Cat]
28. **Panezai, S.** (2022). Rural-households' food security and its determinants in coastal regions of Bangladesh. *Natural Resources Forum*. 1-21. [Q2, IF=1.821, X-Category]
29. Khan, I. A., Rafiq, M., **Panezai, S.**, Saqib, S. E., Ullah, R., & Atiq, M. (2022). How do farmers cope with climate change? An analysis of alternative adaptation strategies in drought-hit areas of Khyber Pakhtunkhwa-Pakistan. *Natural Hazards*. 1-17. doi:10.1007/s11069-022-05264-4 [Q1, IF=3.102, W-Category]

## 2021

30. Ali, A., & **Panezai, S.** (2021). Assessing the Quality of Primary Health Care Services at Basic Health Units in Quetta City, Balochistan, Pakistan. *Public Health Research*, 11(4), 111-122.
31. Baloch, S., **Panezai, S.**, & Murtaza, G. (2021). Knowledge, Attitude and Practice of Oral Health among School Students in Balochistan, Pakistan. *Public Health Research*, 11(3), 99-110.

32. Hameed, F., **Panezai, S.**, Saqib, S. E., & Fatima, K. (2021). Assessing the Quality, Use and Determinant of Family Planning Services: The Case of Panjgur District, Balochistan. *Public Health Research*, 11(2), 33-43.
33. Huda, I., & **Panezai, S.** (2021). Chromite Ore Mining and Associated Factors in the Muslim Bagh Ophiolite of Balochistan, Pakistan. *Geosciences*, 11(1), 43-54.
34. Rehman, Z. U., Basheer, S., **Panezai, S.**, & Gul, B. (2021). Assessment of Food Loss and Waste (FLW) at Retail and Domestic Level in Quetta Metropolitan Area, Pakistan—Linking its Biotechnological Perspective. *Pak-Euro Journal of Medical and Life Sciences*, 4(3), 105-121. [\[HEC Y-Category\]](#)
35. **Panezai, S.**, Ali, U., Zeb, A., Rafiq, M., Ullah, A., & Saqib, S. E. (2021). Quantifying the Health and Wealth Benefits of Reducing Point Source Pollution: The Case of the Sugar Industry in Pakistan. *Sustainability*, 13(23), 13252. [\[Q1, IF=3.3, W-Category\]](#)

## 2020

36. Bazai, M. H., & **Panezai, S.** (2020). Assessment of urban sprawl and land use change dynamics through GIS and remote sensing in Quetta, Balochistan, Pakistan. *Journal of Geography and Social Sciences*, 2(1), 31-50.
37. Naseem, S., **Panezai, S.**, & Saqib, S. E. (2020). Identifying coverage bottlenecks in the Maternal, Neonatal and Child Health Care Services in Panjgur District, Pakistan. *Journal of Geography and Social Sciences*, 2(1), 78-92.
38. **Panezai, S.**, Ahmad, M. M., & e Saqib, S. (2020). Exploring the Reasons for Underutilization of Primary Health Care Services in Pakistan: A Qualitative Analysis. *Ponte Journal*, 76(12/1), 333-350.
39. **Panezai, S.**, Ahmad, M. M., & Saqib, S. (2020). A gender-based assessment of utilization of primary health care services and associated factors in Pakistan. *Ponte Journal*, 76(1/1), 81-107. doi: 10.21506/j.ponte.2020.1.7.

## 2019

40. Saqib, S. E., Ahmad, M. M., & **Panezai, S.** (2019). Care and social support from family and community in patients with pulmonary tuberculosis in Pakistan. *Family Medicine and Community Health*, 7(4). doi:10.1136/fmch-2019-000121 [\[Q1, IF=2.6, X-Category\]](#)
41. **Panezai, S.**, Ahmed, M. M., & Saqib, S. E. (2019). Gender differences in client satisfaction and its relationship with utilization of primary health care services in Pakistan. *Journal of Geography and Social Sciences*, 1(1). 30-43.
42. **Panezai, S.**, Panezai, H., Wassan, A. A., & Saqib, S. E. (2019). Exploring juveniles' delinquent behavior and associated factors: a cross-country comparison of Pakistan and Thailand. *Journal of Geography and Social Sciences*, 1(1). 30-43.
43. Rehman, T. **Panezai, S.**, Ainnudin, S., (2019). Drought perceptions and coping strategies of drought-prone rural households: a case study of Nushki District, Balochistan. *Journal of Geography and Social Sciences*, 1(1). 44-56.

## 2018

44. Saqib, S. E., Kuwornu, J. K., Ahmad, M. M., & **Panezai, S.** (2018). Subsistence farmers' access to agricultural credit and its adequacy: Some empirical evidences from Pakistan. *International Journal of Social Economics*, 45(4), 644-660. [\[Q2, IF=1.9, X-Category\]](#)
45. Saqib, S. E., Kuwornu, J. K., Ali, U., **Panezai, S.**, & Rana, I. A. (2018). Price risk management using forward contracts: the case of farmers in Pakistan. *International Journal of Value Chain Management*, 9(3), 241-256. [\[Q4, IF=0.5, Y-Category\]](#)

46. E Saqib, S., Kuwornu, J. K. M., **Panezai, S.**, & Ali, U. (2018). Factors determining subsistence farmers' access to agricultural credit in flood-prone areas of Pakistan. *Kasetsart Journal of Social Sciences*, 39(2), 262-268. doi:<https://doi.org/10.1016/j.kjss.2017.06.001>

## **2017**

47. Haziq, M. A., & **Panezai, S.** (2017). An Empirical Analysis of Domestic Water Sources, Consumption and Associated Factors in Kandahar City, Afghanistan. *Resources and Environment*, 7(2), 49-61. doi:10.5923/j.re.20170702.03
48. **Panezai, S.**, Ahmad, M. M., Saqib, S. e., (2017), Factors affecting access to primary health care services in Pakistan: a gender-based analysis, *Development in Practice*. 27(6), 813-827. <https://doi.org/10.1080/09614524.2017.1344188> [Q4, IF=1.0, X-Category]
49. Saqib, S. e., Khan, H., **Panezai, S.**, Ali, U., & Ali, M. (2017). Credit Fungibility and credit margin of investment: the case of subsistence farmers in Khyber Pakhtunkhwa. *Sarhad Journal of Agriculture*, 33(4), 661-667. [Q3, Y-Category]

## **2016**

50. Saqib, S. E., Ahmad, M. M., **Panezai, S.**, & Rana, I. A. (2016). An empirical assessment of farmers' risk attitudes in flood-prone areas of Pakistan. *International Journal of Disaster Risk Reduction*, 18, 107-114. <http://dx.doi.org/10.1016/j.ijdrr.2016.06.007> [Q1, IF=4.842, W-Category]
51. Saqib, S. e., **Panezai, S.**, Ullah, H., Ali, U., and Usman, H. (2016). Determinants of Household Savings in Rural and Urban Areas: The Case of Chitral District, Pakistan. *International Journal of Academic Research in Business and Social Sciences*, 6(3), 54-64. doi:10.6007/IJARBS/v6-i3/2032
52. Saqib, S. e., Ahmad, M. M., **Panezai, S.**, and Ali, U. (2016). Factors Influencing Farmers' Adoption of Agricultural Credit as a Risk Management Strategy: The Case of Pakistan. *International Journal of Disaster Risk Reduction*. doi:<http://dx.doi.org/10.1016/j.ijdrr.2016.03.008> [Q1, IF=4.842, W-Category]
53. Saqib, S. e., Ahmad, M. M., **Panezai, S.**, (2016) Landholding size and farmers' access to credit and its utilization in Pakistan. *Development in Practice* [Q4, IF=1.0, X-Category]
54. Saqib, S. e., Ahmad, M. M., **Panezai, S.**, Hidayatullah, Khattak, K.K., (2016). Access to Credit and its Adequacy to Farmers in Khyber Pakhtunkhwa: The Case of Mardan District. *Sarhad Journal of Agriculture*. [Q3, Y-Category]
55. Saqib, S. e., **Panezai, S.**, Ali, U., Kaleem, M. (2016) The Effects of Education, Experience and Skill on Individuals' Earning: Empirical Evidence from Khyber Pakhtunkhwa, Pakistan. *International Journal of Advanced and Multidisciplinary Social Science*. 2(1): 27-32 doi:10.5923/j.jamss.20160201.03

## **PAPERS PRESENTED AT CONFERENCES WITH ABSTRACTS PUBLICATION (N=18)**

## **2025**

1. Presented Key note speech on "Climate Change and Water Crisis: The Case of Pakistani Cities" at the 3<sup>rd</sup> National conference and The 2<sup>nd</sup> International Conference on Future day, Future city, Focusing on Climate Change held by Kharazmi University, Tehran, Iran on 29 April 2025.

## **2024**

2. Exploring the Impacts of Climate Change on Agriculture: The Case of Devastating Floods of 2022 in Balochistan, Pakistan". The ICCC-2024 Conference held in Nangarhar University, Afghanistan on 10-12 February 2024.

## **2023**

3. **Panezai, S.**, Kakar, A.K., & Quratulain, Q., (2023). Global Warming and Its Possible Impacts On Fisheries in Developing Countries: A Systematic Literature Review. 4th Three-day International Conference, titled, "Climate Change, Water Scarcity and Future of Agriculture in Current Scenario: Suggesting the Way Forward for Sustainable Agricultural Growth" held on 23-25 November 2023, organised by Department of Geography, Shah Abdul Latif University (SALU), Khairpur, **Pakistan**

## **2022**

4. **Panezai, S.**, (2022). TACVA. National Water Conference organized by Islamic Relief on 8<sup>th</sup> November 2022 at Serena Hotel Quetta, **Pakistan**
5. Malik, B., **Panezai, S.**, Saqib, S. e., (2022). "Assessment of Solid Waste Management Practices in Khanozai Town, Balochistan, Pakistan", All-World Muslim Education Conference, 2022, on September 21-22, 2022, held at FAST-National University of Computer and Emerging Sciences, Faisalabad Campus, **Pakistan**
6. Kakar, A.K., **Panezai, S.** (2022). Spatio-Temporal Analysis of Livestock Production in Balochistan. International Conference on Plant Science and Management of Drylands for Agriculture and Biodiversity – A Step Towards Sustainable Development, June 1-2, 2022, organized by Department of Botany, in the Main Auditorium, University of Balochistan, Quetta, **Pakistan**.
7. **Panezai, S.**, Quratulain, Q., Saqib, S.E. (2022). Hospital Waste Management Practices in Pakistan: A Meta-Analysis. 17th International Geographical Conference on "Impact of Climate Change on Water and Agricultural Sustainability" on May 23-26, 2022 at Baragali Summer Campus, University of Peshawar, **Pakistan**.
8. Kakar, A., **Panezai, S.**, Saqib, S. e., (2022). Impacts of Climate Change on Livestock and Adaptation: A Meta-Analysis". International Conference on Climate Change: Impacts and Responses (ICCC-2022) on March 8-9, 2022. at Prof. Salimuzzaman Siddiqui Auditorium, University of Karachi, **Pakistan**.

## **2021**

9. Kasi, W. A, **Panezai, S.**, (2021). Analysis of the use of wastewater for agriculture in Quetta District, Balochistan, Pakistan. International Conference on Climate Change and International Agriculture Pattern in Pakistan: Implications and Solutions on 26-28 October 2021, organized by the Department of Geography, Shah Abdul Latif University, Khairpur, Sindh, **Pakistan**
10. **Panezai, S.**, Huda, I, Saqib, S. e., (2021). A geographical assessment of chromite ore mining and associated factors in the Muslim Bagh area of Balochistan, Pakistan. 16th All Pakistan Geographical Conference organized by Department of Geography; University of the Punjab held on 11<sup>th</sup> -13<sup>th</sup> March 2021 in Lahore **Pakistan**.
11. **Panezai, S.**, Saqib, S. e., Sikandar, Muhammad, S. (2021). The impact of formal agriculture credit on farm productivity and its utilization in Khyber Pakhtunkhwa,

Pakistan. 2<sup>nd</sup> International Congress of the Turkish Journal of Agriculture - Food Science and Technology, organized by Turkish Journal of Agriculture - Food Science and Technology (TURJAF) on 25-29 October 2021, **Turkey.**

## **2020**

12. Kasi, W. A., **Panezai, S.**, Saqib, S. e., (2019). A scoping review of wastewater irrigation and associated health and environmental factors: Pakistan in focus. 6<sup>th</sup> International Congress of Geographers of the Islamic World, on 17 December 2021, organized by Kharazmi University, Tehran, **Islamic Republic of Iran.**

## **2019**

13. **Panezai, S.**, Naseem, S., Saqib, S. e., (2019). Identifying Coverage Bottlenecks in the Maternal, Neonatal and Child Health Care Services in Panjgur District Pakistan, The 19<sup>th</sup> International Conference of Public Health Sciences, Chulalongkorn University, Bangkok, Thailand, "Contemporary Issues in Public Health", on Wednesday 2<sup>nd</sup> October 2019, Mandarin Ballroom, Mandarin Hotel, Sam Yan, Rama IV Rd., Bangkok, **Thailand.**
14. **Panezai, S.**, Saqib, S. e., (2019), Socio-economic Determinants of Adoption of Agricultural Credit as Risk Management Strategy in the post-flood situation in Mardan District Khyber Pakhtunkhwa, 2<sup>nd</sup> Three Days International Conference on Water Scarcity and sustainable Agriculture in Pakistan: Challenges and Solutions scheduled on 05-07 March 2019, organized by the Department of Geography, Shah Abdul Latif University, Khairpur, Sindh, **Pakistan**
15. Kasi, W. A., **Panezai, S.**, Saqib, S. e., (2019). A scoping review of wastewater irrigation and associated health and environmental factors: Pakistan in focus. 2<sup>nd</sup> Three Days International Conference on Water Scarcity and sustainable Agriculture in Pakistan: Challenges and Solutions, scheduled 05-07 March 2019, organized by the Department of Geography, Shah Abdul Latif University, Khairpur, Sindh, **Pakistan**
16. Saqib, S. e., Ahmad, M. M., **Panezai, S.**, Abdullah, JM (2019). Assessment of the self-perceived health-related quality of life of pulmonary tuberculosis patients in Pakistan. 6<sup>th</sup> Annual International Conference, "New Voices in Global Health and Development 2019: Globalization and Health Equity". April 2019. Global Citizen Hall, Thammasat University Rangsit Campus, Pathum Thani, **Thailand.**

## **2017**

17. **Panezai, S.**, Ahmad, M. M., Saqib, S. e., (2017), Investigating access to obstetric care services and associated factors: A cross-sectional study from Pakistan. The 17<sup>th</sup> International Conference "One Health: New Challenges in Public Health" on 3<sup>rd</sup> October 2017 by the College of Public Health Sciences, Chulalongkorn University, Bangkok, **Thailand.**
18. **Panezai, S.**, Ahmad, M. M., Saqib, S. e., (2017). Prevalence of Chronic and Acute Diseases within Households: a cross-sectional survey in Pakistan. 8<sup>th</sup> Annual Public Health Conference 2017 "Social Health Protection & other Public Health Issues in Pakistan: Prospects, Scalability and Sustainability" on December 6-7, 2017, Health Services Academy, Islamabad, **Pakistan.**

## **2016**

19. Saqib, S. e., Ahmad, M. M., **Panezai, S.**, (2016). Factors Affecting the Risk Attitude of Farmers in Flood Risk Prone Areas of Khyber Pakhtunkhwa: The Case of Mardan District, Pakistan. 1st International Conference on Disaster Management: “From Polar Regions to the Local Communities”, on 30 March 2016 at\_NIDA, **Bangkok**.
20. Saqib, S. e., Ahmad, M. M., Indrajit Pal, **Panezai, S.**, (2016) Forward contract as means for managing agriculture risk: the case of Pakistan. International Conference on Linkages and Cooperation in Agricultural Production and Marketing in the Context of International Economic Integration, Vietnam National University of Agriculture, Faculty of Economic and Rural Development, Hanoi, **Vietnam**.

### **ATTENDED WORKSHOPS/TRAININGS**

#### **2025**

1. Participated in 21-days **National Workshop Balochistan (NWB) -16** organized jointly by Government of Balochistan and Commander 12 Corps in Quetta and Islamabad from 13<sup>th</sup> July 2025 till 4<sup>th</sup> August 2025.

#### **2024**

2. Participated in a one-day Workshop on “**Improving your Learning and Work Efficiency through Generative AI**” at Government Innovation Lab, University of Balochistan, Quetta on Tuesday, January 16, 2024.

#### **2020**

3. A Four-Days Training Workshop, titled “**Evidence-Based Program Design**” at Residency Hotel Lahore on 30 November to 3<sup>rd</sup> December 2020, organized Center for Economic Research in Pakistan (SERP).

#### **2018**

4. Attended a Full-Day Training on “**Reporting on Delimitation Workshop**”, conducted by Center of Excellence in Journalism & TABEER-CDIP on 08 March 2018 at Press Club, Quetta.

### **DELIVERED WORKSHPS AND SEMINARS**

#### **2025**

1. **Panelist:** Served as a panelist on “Balochistan Climate Change Fund” in the one-day panel discussion under the series of Balochistan Co-Creation Dialogue (BCCD), jointly organized by Center for Research, Policy Development, Peace and Strategic Studies (CRPPSS) and Mountain View Tech Park (MVTP) at Mountain View Technologies Park on 23<sup>rd</sup> June 2025.
2. Delivered a speech as a **Guest Speaker** at the National Seminar on the topic, “**Growing Water Scarcity and Unkind Climate Change**” organized by Balochistan Think Tank Network (BTTN), Quetta at BUIITEMS Quetta, Pakistan on 6<sup>th</sup> May 2025.
3. **Conducted** as a Resource Person one-day workshop on “**Research Proposal Writing and Data Collection Methodologies**” at Nursing College Pishin organized by Nursing College Pishin on Monday, 8<sup>th</sup> December 2025.
4. Served as the Judge for the “Environment & Climate Resilience” module of the Balochistan Policy Innovation Challenge, organized by the Center for Research, Policy Development, Peace & Strategic Studies from October 29<sup>th</sup> to 31<sup>st</sup>, 2025.

#### **2023**



5. **Guest of Honor:** Delivered a speech as a Guest Speaker on the topic, titled, “Solid Waste Management System in Quetta Metropolitan Area”, at the seminar of project, “Sustainable Solid Waste Management Strategy for BUIITEMS: A Step Towards Clean Green Campus”, a project funded by Islamic Relief USA and Implemented by Department of Environmental Science, BUIITEMS, Quetta on 19 June 2023 at Pink Hall, BUIITEMS Quetta.
6. **Guest Speaker:** Delivered a speech as a Guest Speaker on the topic, titled, “Impact of Climate Change on Pakistan and Balochistan - Managing and Capitalizing” in the seminar titled, “Obstacles in Socio-Economic and Political Development of Pakistan-Way Forward\*” organized by Balochistan Think Tank Network (BTTN) at BUIITEMS, Quetta, Pakistan on 8<sup>th</sup> May 2023.
7. **Guest Speaker:** Delivered a speech as guest speaker on character building to a group of in-service trainees of Deputy Directors and Assistant Sub Inspectors (ASIs) of police department at Police Training College, Quetta on 6 April 2023.
8. **Guest Speaker:** Delivered a speech as guest speaker on water crisis in Balochistan “Ground Water: Making Invisible, Visible – A Way forward for Sustainable Solution” in one-day seminar titled “World Water Day” organized by Human Organization for Peaceful Environment (HOPE) Balochistan on 22<sup>nd</sup> March 2023 at the University of Balochistan, Quetta.

## 2022

9. **Guest Speaker:** Delivered a speech as Expert Review of the Session in the 1st International Seminar on Marine Geosciences organized by Department of Marine Geology, Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Balochistan on 8<sup>th</sup> December 2022.
10. **Guest Speaker:** Delivered a Speech as a Guest Speaker on the “Realistic Policy Perspective and Future Corrective Course of Action by the Government for Peace and Stability of Balochistan” on 28<sup>th</sup> May 2022 at Sibbi Garrison, Balochistan.
11. **Guest Speaker:** Delivered a Speech as a Guest Speaker on “Geographical Importance of Balochistan” on 31<sup>st</sup> March 2022 organized by Baloch Students Association (BSO) in the Main Auditorium, University of Balochistan, Quetta.

## 2017

12. **Resource Person:** Three-Days Research Proposal Writing Workshop at the Department of Geography and Regional Planning, University of Balochistan, Quetta, 30<sup>th</sup> November to 2<sup>nd</sup> December 2017.
13. **Resource Person:** One-Day Seminar on Using EndNote Software for references and citation Management at the Department of Geography and Regional Planning, University of Balochistan, Quetta

## 2008

14. **Participant:** Attended the Three-Day Training Workshop on the “Application of Geographic Information System in Geography” for college teachers from 24<sup>th</sup> to 26<sup>th</sup> June 2008 at Baragali Summer campus, University of Peshawar.

## 2007

15. **Participant:** Attended Training of Presiding Officers at General Musa Inter College, conducted by Support to National Elections in Pakistan, UNDP and Election Commission of Pakistan on 13<sup>th</sup> December 2007.

## **BOOKS**

1. **Panezai, S.** (2014). Inter-district variation in health care services in Balochistan. A preventive and curative health care services, Published with Lambert Academic Publishing, Heinrich-Böcking-Str. 6-8, 66121 Saarbrücken, Germany, ISBN: 978-3-659-565 18-2

## **Book Chapter (National)**

1. **Panezai, S.** (2014). Geography of Khanozai, Minar E Taleem, A 100 Years Celebrations of Government High Schools Khanozai, Published, Lahore Pakistan.

## **INTERVIEWS**

1. Pakistan Television Channel: *PTV Bolan* (**2020**): The Need for Collaboration of Academia, Government and Industry for Promoting Research and Development.
2. Voice of America (VOA) Pashto (**2022**): Why Balochistan Remains Poor. 2<sup>nd</sup> February 2022.
3. Pakistan Television Channel: *PTV Bolan* (**2022**): The Role of Universities in the Promotion of Research and Innovations.
4. Pakistan Television Channel: *PTV Bolan* (**2022**): Balochistan Floods 2022: The Role of Government Institutions in the Mitigation of Floods.

## **GOOGLE SCHOLAR CITATIONS**

### **As of 1<sup>th</sup> January 2026**

Citations	1294
Publications	<b>66</b>
h-index	17
i-10 index	28

## **SCOPUS CITATIONS**

### **As of 1<sup>th</sup> January 2026**

Citations	563
Documents	<b>22</b>
h-index	11
Citations by documents	469

## **RESEARCH SUPERVISION**

### **M.Phil. and Ph.D. Students**

S. No	Student Name	Thesis Title	Degree	Year	Status
-------	--------------	--------------	--------	------	--------



1.	Muhammad Haroon Bazai	Assessing Urbanization of Quetta City: Challenges and Opportunities <a href="#">Reg. 2007/UB-2017/Q-3152</a>	M.Phil.	2021	▪ <b>Graduated</b>
2.	Sumera Naseem	Exploring Access to Maternal and Child Health Care Services in Punjgur District, Balochistan. <a href="#">Reg. 2003/UB-2017/Q-3156</a>	M.Phil.	2022	▪ <b>Graduated</b>
3.	Farzana Hameed	Assessing the Quality and Use of Family Planning Services and Associated Factors: A Case Study of Panjgur District, Balochistan <a href="#">Reg. 1996/UB-2017/Q-3162</a>	M.Phil.	2022	▪ <b>Graduated</b>
4.	Sajida Riaz	Causes and Socio-economic Impacts of Female Infertility: The Case of College Teachers in Quetta District, Balochistan <a href="#">Reg. 2007/UB-2017/Q-3161</a>	M.Phil.	2022	▪ <b>Graduated</b>
5.	Sahibzadi Baloch	Assessment of Knowledge, Attitude, and Practices of Oral Hygiene among School Students in District Mastung, Balochistan <a href="#">Reg. 2009/UB-2017/Q-3165</a>	M.Phil.	2022	▪ <b>Graduated</b>
6.	Asif Ali	Assessment of Primary Health Care Services at PHC Facilities in Quetta District, Balochistan <a href="#">Reg. 2005/UB-2017/Q-3153</a>	M.Phil.	2022	▪ <b>Graduated</b>
7.	Walvala Almas Kasi	A Spatial Assessment of Wastewater Irrigation and Associated Factors in Quetta District, Balochistan <a href="#">Reg. 2009/UB-2017/Q-3158</a>	M.Phil.	2022	▪ <b>Graduated</b>
8.	Sana Basheer (Co-Supervisor)	Quantification of Total Food Loss and Waste (FLW): A Case Study of Quetta Metropolitan Area <a href="#">Reg. 2009/UB-2017/Q-2753</a>	M.Phil.	2022	▪ <b>Graduated</b>
9.	Muhammad Anwar Shah Durrani (Co-Supervisor)	The Role of Ollusi Committee Khanozai in the Socio-economic Development of Khanozai.	M.A	2023	▪ <b>Graduated</b>
10.	Imran Ul Huda	A Geographical Assessment of Chromite Ore Mining in Muslim Bagh, Balochistan <a href="#">Reg. 1988/UB-2016/Q-2264</a>	M.Phil.	2023	▪ <b>Graduated</b>
11.	Abdul Razique Bazai (Co-Supervisor)	Assessing the Spatial Variations of Crime Pattern and the Associated Factors in Quetta City, Balochistan <a href="#">Reg. 1988/UB-2016/Q-2263</a>	M.Phil.	2023	▪ <b>Graduated</b>
12.	Bakhtnama Malik	Assessing Baseline Indicators for Master Development Plan: The case Of Khanozai, Pishin District <a href="#">Reg. 2011/UB-2018/Q-3486</a>	M.Phil.	2022	▪ <b>Graduated</b>
13.	Shahzadi Neelum	Exploring Traffic Congestion, Problems and Solutions: The Case of Quetta Metropolitan Corporation, Balochistan <a href="#">Reg. 2011/UB-2018/Q-3487</a>	M.Phil.	2022	▪ <b>Graduated</b>

14.	Asma Khan Kakar	Impacts of Climate Change on Livestock in Balochistan <a href="#">Reg. 2012/UB-2021/Q-4253</a>	M.Phil.	2023	▪ <b>Graduated</b>
15.	Qurat-ul-Ain	Hospital Waste Management practices in Pakistan <a href="#">Reg. 2012/UB-2021/Q-4255</a>	M.Phil.	2023	▪ <b>Graduated</b>
16.	Shafi Muhammad	Assessment of Municipal Solid Waste Management: A Case Study of Metropolitan Corporation Quetta, Balochistan <a href="#">Reg. 2008/UB-2017/Q-3159</a>	M.Phil.	2023	▪ <b>Graduated</b>
17.	Nadia Shahzada	Awareness and Citizen's Satisfaction with Municipal Services: The Case of Quetta Metropolitan Corporation <a href="#">Reg. 2012/UB-2021/Q-4251</a>	M.Phil.	2023	▪ <b>Graduated</b>
18.	Habib Shah	Willingness to Pay for Improved Solid Waste Management Services in Quetta, Balochistan, Pakistan <a href="#">Reg. 2010/UB-2018/Q-3719-A(R)</a>	M.Phil.	2023	▪ <b>Graduated</b>
19.	Hosein Arab	Investigating the Potential of Coastal Tourism and Its Effect on Socio-Economic Development of Sistan Baluchistan Region in Iran	M.Phil.	2023-24	▪ <b>Graduated</b>
20.	Maqsooda Barozai	Assessment of Occupational Health and Safety Measures in Coal or Chromite Mines in Balochistan	M.Phil.	2024	▪ In process
21.	Hidayatullah Panezai (Co-Supervisor)	The Role of Family Characteristics in the Development of Delinquent Behavior among Juveniles in Sindh Province, Pakistan. Department of Sociology, University of Sindh, Jamshoro	Ph.D.	2018-19	▪ In process

### **BS Students**

S. No	Thesis Title	Degree	Session	Status
1.	Assessing the Salient Feature of Mangi Dam, Ziarat and its Impacts on the Water Resource Development of Quetta City, Balochistan	BS	2019-23	▪ <b>Graduated</b>
2.	Impact of Covid-19 on the academic performance of students of University of Balochistan	M.Sc.	2019-20	▪ <b>Graduated</b>
3.	Measuring Customer Satisfaction with Public Transportation: The Case of Green Line Bus Service in Quetta, Balochistan	BS	2020-24	▪ <b>Graduated</b>

### **EXTERNAL EXAMINER**

### **M.Phil./MS Theses**

S. No.	Student Name	Thesis Title	Year	Degree	Department/ University
1.	Ms. Falak Naeem	Assessing the Effects of Urbanization on Environment Using Geo-Informatics and Bio-Monitoring Techniques in Landhi and Korangi Town, Karachi-Pakistan	2022	M.Phil.	Institute of Environmental Studies University of Karachi, Pakistan
2.	Ms. Bisma	Geo Spatial Assessment of Barren Lands for Allocation of Fish Farms in Kot Diji, District Khairpur, Sindh	2022	M.Phil.	Department of Geography, University of Karachi, Pakistan
3.	Ms. Yusra Rehman	Geological Assessment of Surface Water-Groundwater along Malir, Lyari and Hub Rivers, Karachi, and Health Impacts	2024	M.Phil.	Department of Geology, University of Karachi, Pakistan

### REVIEWER OF THE PEER REVIEW JOURNALS

1. Canadian Journal of Development Studies (Impact Factor=2.13)
2. Natural Hazards (Impact Factor=3.12)
3. Environmental Science and Pollution Research (Impact Factor=4.22)
4. International Journal of Disaster Risk Reduction (IJDRR) (Impact Factor=4.842)
5. Sustainability (Impact Factor=3.889)
6. Agriculture (Impact Factor=3.408)
7. Infrastructures (Tracked for Impact Factor)
8. Malaysian Journal of Medical Sciences (Impact Factor=1.387)
9. American Journal of Hygiene and Tropical Medicine (Impact Factor=2.126)
10. Archives in Public Health (Impact Factor=2.589)
11. International Journal of Equity in Health (Impact Factor=3.805)
12. Patient Preference and Adherence (Impact Factor: 2.314)
13. Women Studies International Forum (Impact Factor=1.497)
14. IEEE Transactions on Computational Social Systems (Impact Factor=4.75)
15. Scientific Reports (Impact Factor: 4.99)
16. BMJ Open (Impact Factor: 3.007)
17. Health Expectations (Impact Factor: 3.20)
18. The Scientific World Journal (Hindawi) (Impact Factor: 0.398)
19. International Journal of Breast Cancer (Impact Factor: 1.9)
20. Air Quality, Atmosphere & Health (Impact Factor: 2.9)
21. Global Challenges
22. African Geographical Review
23. Regional Sustainability
24. Irrigation and Drainage
25. International Journal of Services, Economics and Management
26. International Journal of Biology and Biotechnology
27. Cogent Social Sciences: An International Journal of Taylor and Francis
28. Development in Practice
29. BGJP Open: An International Journal of Royal College of General Practitioners

30. Bulletin of Geography. Socio-economic Series
31. Asian Development Perspective
32. PLOS ONE
33. GMSARN International Journal
34. Journal of Healthcare Leadership
35. Sarhad Journal of Agriculture
36. Pakistan Geographical Review
37. Pakistan Journal of Scientific and Industrial Research
38. Journal of Geography, Environment and Earth Science International
39. International Journal of Environmental Sciences and Development
40. The Nucleus
41. World Development Sustainability
42. Proceedings of the Pakistan Academy of Sciences
43. The Sciencetech
44. Qeios

### **ANALYTICAL SKILLS AND STRENGTHS**

- MS Office
- Project Design and Implementation
- Designing Data Collection Tools and Checklists
- Qualitative Analysis, Particularly Narrative, Statement and Thematic Analyses
- References Management Softwares: Mendeley and EndNote
- Statistical Package for the Social Sciences (SPSS)

### **LANGUAGES**

- English
- Urdu/Hindi
- Pashto
- Thai (Medium)

### **HONOURS AND AWARDS**

- **1996:** 2<sup>nd</sup> Highest Marks Holder in Secondary School Examination (SSE) (1996) in Zhob District, Balochistan, Pakistan.
- **2004:** First Class First Position (Gold Medalist) in Master of Science (M.Sc.) in Geography (2004), University of Balochistan, Quetta, Pakistan.
- **2010:** Merit-based MS leading to a Ph.D. scholarship award from Higher Education Commission (HEC) of Pakistan for pursuing doctoral studies in Thailand.
- **2021:** Research Grant for Sustainable Development Goals: Achieved a project ID RG-SDG/20/31 titled “Exploring Baseline Indicators and Challenges for Sustainable Development Planning: A Case Study of Khanozai Town, Pishin District”, for a total grant of PKR 85,000/- under RG-SDG on January 15, 2021.

### **FOREIGN EXPOSURE**

- Afghanistan
- Thailand

- Sri Lanka
- United Arab Emirates (UAE)
- Qatar
- Japan

## REFERENCES

1. Prof. Dr. Mokbul Morshed Ahmed, Professor, Department of Development and Sustainability, Asian Institute of Technology (AIT), PO Box 4, Klong Luang, Pathumthani 12120, Thailand.  
Email: [morshed@ait.asia](mailto:morshed@ait.asia). Phone: (66-2) 524 5664, fax: (66-2) 524 643
2. Prof. Dr. Jayant kumar Routray, Emeritus Professor, Department of Development and Sustainability, Asian Institute of Technology (AIT), PO Box 4, Klong Luang, Pathumthani 12120, Thailand.  
Email: [routray53@gmail.com](mailto:routray53@gmail.com). Phone: 66-2-5245609 (Office), Fax: 66-2-5246431, 66-865342600 (Cell), India Cell: 91-943711236.
3. Dr. Waheed Noor, Director Center of Excellence for Results Based Managemnet (CERBM), University of Balochistan, Quetta. Khan Shaheed Chair, University of Balochistan, Sariab Road Quetta 87300, Balochistan, Pakistan.  
Email: [a.waheed.noor@gmail.com](mailto:a.waheed.noor@gmail.com), Cell Number: +92333-7837101
4. Dr. Shamim Gul, Associate Professor, Department of Botany, University of Balochistan, Sariab Road Quetta 87300, Balochistan, Pakistan.  
Email: [shamim.gul@mail.mcgill.ca](mailto:shamim.gul@mail.mcgill.ca) , Cell Number: +92336-2005882