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IHSANULLAH

PhD

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EDUCATION

2010	PhD Geography	University of Karachi
1993	M.Sc. Geography	University of Peshawar
1995	Bachelor of Education	University of Peshawar

ACADEMIC HONORS & ACHIEVEMENTS

1993	Distinction: Gold Medal in MSc Geography
1993	Department of Geography, URP, University of Peshawar: Best Student's Research Report Certificate Award
1993	Department of Geography, URP, University of Peshawar: Debator (2 nd position certificate award)
1992 – 1993	University of Peshawar: Student Proctor
1995	Institute of Education & Research, University of Peshawar: Debator (2 nd position certificate award)

PROFESSIONAL TRAINING

May, 2017	One day Continuing Professional Development Programme (CDP) short course of Pakistan Engineering Council at University of Engineering & Technology (UET) Peshawar, on 23 rd May 2017.
December, 2016	Five-day Training Course on "Remote Sensing Applications in Water Management" organized by Department of Water Management, The University of Agriculture, Peshawar from 26 th – 30 th December, 2016.
April, 2016	Three days training course of "Monitoring & Evaluation of Developmental Projects" organized by Pakistan Academy for Rural Development, Peshawar, from April 19-21, 2016.
June, 2010	Five days Training Course on "Water Management for Agriculture Development in Pakistan", organized by Pakistan Academy for Rural Development, Peshawar, from 14 th to 18 th June, 2010.
June, 2008	One week training on "Statistical Package for Social Sciences (SPSS)", organized by Staff Training Institute, University of Peshawar, from 23 rd June to 28 th June, 2008.
February, 2005	Two days training course on Remote Sensing and Water Stress Quantification in Sindh, Hyderabad, 24 th and 25 th February, 2005.
June, 1999	One month GIS training on the "Application of Geographic Information System & Remote Sensing for Slope Instability and Hazard Zonation and Mapping" (ILWIS software), organized by ICIMOD, Kathmandu, Nepal from 31 st May to 26 th June, 1999.
May 1996	One month GIS training (ARC/INFO, IDRISI software), organized by Pakistan Forest Institute, Peshawar, in collaboration with ICIMOD Nepal, from 14 th April 1996 till 9 th May 1996.
November 1993	One week Survey Training organized by Survey Training Institute, Survey of Pakistan, Islamabad.
June 1993	Data Processing Certificate from National Technical Teachers Training College, Islamabad.

COMPUTER KNOWLEDGE

- Geographical Information System (GIS) and Remote Sensing (RS) (ArcGIS 9x, ArcView 3x, ERDAS IMAGINE, ER Mapper, PCI-Geomatica, MapInfo, ILWIS, AutoCAD Map)
- Enterprise GIS (Installation and Use)
- MS Office Applications (MsWord, MsExcel, MsPowerPoint etc.)
- SPSS
- Endnote
- Windows Networking
- Other software applications

PROFESSIONAL EXPERIENCE

2006 to 2008	Worked as GIS SPECIALIST in Japan International Cooperation Agency (JICA) STUDY TEAM – The Study on Water Supply and Sewerage System Master Planning, Karachi, Pakistan
2004 to May 2006	Worked as MANAGER GIS in M/s Osmani and Company (Pvt) Limited (Engineering – Architecture – Planning – Mapping – Technology) Consultants, Karachi
1995 to 1997	Worked as a LAND USE SURVEYOR/CARTOGRAPHER in Environmental Rehabilitation Project (ERP) , a joint venture of World Food Programme, Govt. of the Netherlands and Govt. of NWFP Forest Department.
1993 to 1995	Worked as a Research Assistant , in a joint Pak-German Project CAK (Cultural Area Karakoram) , titled

RESOURCE PERSON AND COURSE COORDINATOR

- Three-Days Hands-on Training Course on "Geographic Information System for Provincial Line Departments", from 20-22 September, 2016, conducted by Urban Policy and Planning Unit, P&D Department, Khyber Pakhtunkhwa at PARD Peshawar
- Three-Days Training Course on "Use of GPS and GIS for Data Collection in Field" a short course for the Field staff of the line directorates i.e. PHE, Irrigation, Rural Roads and Livestock, FATA Secretariat, from 7-9 March, 2014, at the (then) Institute of Geography, Urban & Regional Planning, University of Peshawar
- GIS training course to the staff of Population Census Organization, Government of Pakistan, Islamabad, from 5th to 10th April 2010.
- GIS training to the staff of Director General of Mines & Mineral (DGMM), Government of KPK (former NWFP), from 22th to 31st December 2008.
- Three-days national training workshop on the "Application of Geographic Information Technology in Geography", at Baragali Campus, University of Peshawar, from 24th June to 26rd June 2008.
- Three-days postgraduate training course on "Advance Geographic Information System" organized by Center of Continuing Engineering Education (CCEE), NED Engineering University, Karachi, from 16th to 18th December 2005.
- Three-days postgraduate training course on "Image Processing and Remote Sensing" organized by Center of Continuing Engineering Education (CCEE), NED Engineering University, Karachi, from 6th May to 8th May 2005.
- One-day workshop on "Application of GIS" organized by Brains College Peshawar, at PC Peshawar on 26th October 2002.
- One week Refresher Course in Geography (GIS, GPS, RS and Report Writing) (second batch) for KPK (NWFP) College teachers, from 18th June to 23rd June 2002.
- Part time two months national level training course on the "Application of GIS and RS to Slope Instability and Hazard Mapping" from 7th Jan to 21st Feb 2002.
- One-month national level training course on the "Application of GIS and RS to Slope Instability and Hazard Mapping" from 1st to 24th October 2001.
- Five days Refresher Course in Geography (GIS, GPS, RS and Report Writing) (first batch) for KPK (NWFP) College teachers, from 31st Aug to 4th Sep 2001.
- One-month national level GIS training course organized by Pakistan Forest Institute, Peshawar, Pakistan from 23rd April to 19th May 2001.
- One-month national level training course on the "Application of GIS and RS to Slope Instability and Hazard Mapping" organized by University of Peshawar, Pakistan Forest Institute and ICIMOD, Nepal, from 20th March to 13th April 2000.

RESEARCH PUBLICATIONS

- Haq, F., Rahman, F., Tabassum, I., Ullah, I., Sher, A. (2018). Forest Dilemma in the Hindu Raj Mountains Northern Pakistan: Impact of Population Growth and Household Dynamics. *Small-scale Forestry*, 17(3), 323-341. <https://doi.org/10.1007/s11842-018-9390-9>
- Ali, N., Kalsoom, Khan, S., Ihsanullah, Rahman, I. u., & Muhammad, S. (2018). Human Health Risk Assessment Through Consumption of Organophosphate Pesticide-Contaminated Water of Peshawar Basin, Pakistan. *Exposure and Health*, 10(4), 259-272. doi:10.1007/s12403-017-0259-5
- Ali, Z. and Ihsanullah. (2016). Detecting Landuse/Landcover Changes along the Ring Road in Peshawar City using Satellite Remote Sensing and GIS Techniques. *Journal of Geo and Environmental Science Research*, 4(1), 26-34.
- Tabassum, I., Fazlur-Rahman and Ihsanullah. (2015). Dynamics of Natural Vegetation Cover: It's Human and Environmental Dimensions in Karak, Khyber Pakhtunkhwa, Pakistan. *Journal of Humanity and Social Sciences, University of Peshawar, JHSS XXIII, (1), 57-70.*
- Rahman F, Haq F, Tabassum I, Ullah I. (2014) Socio-economic drivers of deforestation in Roghani Valley, Hindu-Raj Mountains, Northern Pakistan. *Journal of Mountain Science* 11(1). DOI: 10.1007/s11629-013-2770-x
- Fazlul-Haq, Fazlur-Rahman, Tabassum, I., Ihsanullah, Nasir, M.J., and Saeed, A. (2012). Handling The Scarce Mountains' Resources: Role of Indigenous Tenure Arrangements in Land Management in Roghani Valley Northern Pakistan. *PUTAJ Sciences*, 19, 71-90.
- Tabassum, I., Fazlur-Rahman, Ihsanullah, and Fazlul-Haq. (2012). Degradation of Communal Natural Resources and their Impacts on Mountain Women: A Case Study of Karak District Pakistan. *Pakistan Journal of Social Sciences (PJSS)* 32(1).157-169.
- Mori, S, Ihsanullah, Koizumi, A. Maeda, C. Asada, K. Yokota, Y. and Mori, M. (2011). Innovative methodology of demand responsive approach for large-scale water supply and sewerage/on-site sanitation projects in developing countries using participatory GIS with high resolution satellite imagery. *Journal of Water Supply: Research and Technology—Aqua*, 60(5), 294-304.
- Ihsanullah and Kazmi, J.H. (2009). Evaluation of Water Resources in Karachi through Geo-Informatics Techniques. *Pakistan Geographical Review*, 64(2), 118-131.

RESEARCH REPORTS SUPERVISED

Supervised a number of research studies to the MPhil, MSc Geography BS-4 years Geography and Geomatics as well as Diploma in Geomatics students. (Detail can be given on demand).

CONFERENCES/ SEMINARS/ WORKSHOPS: ARRANGED

- July 2017 Organized three-day International Conference titled “Global Environmental Change and the Role of Geographers” held from 25-27th July 2017, at Baragali Summer Campus, University of Peshawar.
- December 1999 International Conference on Sustainable Management of Natural Resources, Department of Geography, Urban and Regional Planning, University of Peshawar.

CONFERENCES/ SEMINARS/ WORKSHOPS: ATTENDED

- November 2017 **Paper Reader** in three-day International Conference titled “Geographical Evaluation of Agriculture in Pakistan: Challenges and Remedies” held from 27-29th November 2017, at Shah Abdul Latif University Khairpur
- July 2017 **Paper Reader** in three-day International Conference titled “Global Environmental Change and the Role of Geographers” held from 25-27th July 2017, at Baragali Summer Campus, University of Peshawar
- November 2016 **Paper Reader** in Three Day International Workshop, “Sustainability Challenges and Solutions in Post 2015 Development” from 1 – 3 November 2016 organized by Department of Geography, University of Gujrat.
- October 2016 **Paper Reader** in 2nd International Conference on “Sustainable Utilization of Natural Resources”, 3rd October, 2016, Dr. R.A. Khan Tahirkheli Auditorium, National Centre of Excellence in Geology, University of Peshawar
- July 2016 **Paper Reader** in International conference on “Earth Sciences Pakistan 2016” at Baragali Summer Campus, University of Peshawar, from 16-17th July 2016 Organized by National Centre of Excellence in Geology, University of Peshawar
- December 2015 **Paper Reader** in 3rd Pakistan Urban Forum, from 4-8 December, 2015 at Alhamra Art Center, Lahore
- November 2015 **Paper Reader** in International Water Conference on “Securing Sustainable Water, For All – Inclusion, Integration and Innovation” from Nov 17 to 18 2015, at Movenpick Hotel, Karachi, Pakistan.
- September 2015 **Paper Reader** in an International Conference titled “Fourth International Conference on Aerospace Science & Engineering, (ICASE)” from September 2-4, 2015 at Institute of Space Technology (IST), Islamabad, Pakistan.
- May 2015 One-day awareness seminar on Climate Change and Multilateral Environmental Agreements (MEAs) on Thursday 21st May, 2015, organized by Environmental Protection Agency, Government of Khyber Pakhtunkhwa.
- March 2013 **Presentation** at Geo Portal Spatial Data Conference, Pakistan Bureau of Statistics, Government of Pakistan, Islamabad, 11th March 2013.
- March 2013 **Paper presented** at 14th All Pakistan Geographical Conference, March 05-07, 2013, Lahore
- July 2008 Workshop on “Asian Universities Network for Environment and Disaster Management: Focusing on Higher Education on Disaster Reduction and Climate Change Adaptation”, at Kyoto University Graduate School of Global Environmental Studies, Kyoto, Japan, 28 – 29 July 2008.
- June 2004 Third National Seminar “Drainage in Pakistan”, at NWFP Agricultural University Peshawar, 7 – 8 June 2004.
- August 2003 National Conference “Prospects and Problems of Mountain Systems of Pakistan” at Baragali Summer Campus, University of Peshawar, 2 – 6 August 2003.
- May 2003 One day Seminar on “GIS and Remote Sensing as Planning and Management Tools” at Pakistan Academy of Rural Development (PARAD)
- December 1999 International Conference on Sustainable Management of Natural Resources, Department of Geography, Urban and Regional Planning, University of Peshawar.
- August 1999 10th All Pakistan Geographical Conference, Baragali
- December 1998 9th All Pakistan Geographical Conference, Islamabad
- February 1998 Two days Workshop on “GIS Applications to Resource Management and Environmental Planning” at National University of Sciences and Technology (NUST), Rawalpindi
- December 1996 8th All Pakistan Geographical Conference, Peshawar
- June 1993 National Seminar on Geography and Planning in Pakistan, Baragali Summer Campus of Peshawar University.