

Salman Zubair

Assistant Professor

✉ salman_zubair@uok.edu.pk

📍 Department of Geography,
University of Karachi

Personal Profile

I am a dedicated and passionate assistant professor with ample experience in teaching, training and research. I am looking to earn tenure through a dynamic approach to education.

Education Background

Ph.D. (Geography, GIS) (2014)
University of Karachi
M.Sc. Geography (2005)
University of Karachi
B.Sc. (Hons) Geography (2004)
University of Karachi

Relevant Experience

Assistant Professor: (BPS 19), Department of Geography, University of Karachi ; (August 2014 - to-date.)

Visiting Faculty: Sindh Madressatul Islam University
(Semester Spring-2018)

Lecturer (BPS 18), Department of Geography, University of Karachi, (July 2011- August 2014)

Lecturer (BPS 18), Department of Geography, Federal Urdu University of Arts, Science and Technology, Karachi.
(January 2011- July 2011)

Lecturer (BPS 17), Department of Geography, Government Degree College Bufferzone, Through Sindh Public Service Commission,
(October 2010 - January 2011)

Cooperative Teacher, Department of Geography, University of Karachi, (July 2007 - July 2010)

Visiting Faculty: Aghakhan Higher Secondary School.
(May 2010 – May 2016)

GIS Manager, The iPattern® Network , Karachi
(January 2007 - July 2010)

Visiting Faculty: Happy Palace Grammar School (O level Section) (October 2009 - June 2011)

Lecturer, Institute of Business Education, (August 2006 - May 2008)

Internee, Government Islamia Arts and Commerce College, Government of Pakistan (May 2007- May 2008)

Field Leader (JICA) Study Team (Japan International Cooperation Agency) (July 2006- Sep 2006).

Research Contribution - Published twenty-two research articles in reputed peer reviewed journals (For detail See Annexure I)

Research Supervision - Three Students have awarded MPhil Degree
- Two MPhil and one PhD student are working under my supervision.

Conference Participation – Paper presented at IRF Global R2T Conference Title “**Spatial Assessment of Road Safety measures in Karachi:** on October 31-November 3, 2022 at Washington, DC USA.

- Paper presented in 16th All Pakistan Geographical Conference, Title: **Impact of flyovers on traffic situation of a Metropolitan City: A Case Study of Karachi Pakistan.** 11th -13th March, 2021 organized by Department of Geography, University of the Punjab Lahore-Pakistan.
- Paper presented in **IRF Global R2T Conference & Exhibition** on November 19- 22, 2019 at Las Vegas, NV USA.

Training Conducted - Conducted various training workshops and seminars (for details see Annexure II)

Certificate Courses - Participated in number of certificate courses in Pakistan and in USA (For details See Annexure III)

Membership

- Nominated and Visited as Course experts by **Sindh HEC for inspection of University of Sindh Jamshoro for purpose of monitoring, evaluation and grading** on December 19th 2022.
- Member at “**Pegham-e-Pakistan**” project by Higher Education Commission (HEC) Sindh, Pakistan since 7th June 2022.
- Focal Person of “**Prime Minister Green Youth Movement**” program at University of Karachi by Higher Education Commission (HEC) Pakistan since March 2022.
- Suitability Leader and Champion **United People Global Sustainability** Geneva Switzerland.

Fully Funded Projects - “**Climate Vulnerability and Capacity Assessment Study at Malir and Thatta Districts**” with Network of Disaster Management Practitioners on December, 2021 on 29th November 2022.

- “**Capacity Need Assessment of different public sector Departments of Balochistan**” with Department of Geography and Regional Planning, University of Balochistan, Quetta, Pakistan on April 2022

- “**Develop the Disaster Risk Management Plan for different districts of Karachi**, with Network of Disaster Management Practitioners on December, 2021.

- Remote Sensing/GIS specialist from September 1, 2012 to December 1, 2013 in **GIS development program for SERP (Sindh Education Reform Program) and PERP (Punjab Education Reform Program).**

Reference: Will be furnished on request.

Annexure I

1. M. Asif Iqbal, M. Zaheer Khan, Ubaidullah, Afsheen Zehra and **Salman Zubair**, (2023). **“Distribution and Status of Mammals, Birds and Reptiles of Surjan and Sumbak Game Reserves, Kirthar Protected Area”**. *INT. J. BIOL. BIOTECH.*, 20 (1): 127-138, 2023.
2. Amir Alamgir, Moazzam Ali Khan, Syed Shahid Shoukat and **Salman Zubair**, (2022) **“Assessment of underground water of Gharo city, Sindh Pakistan.”** *International Journal of Environmental Quality* 48 (2022) 58-66.
3. Muhammad Irfan, **Salman Zubair** and Abid Hussain, (2021) **“Geo-Statistical Estimation and Temporal Distribution of Wind Speed Data of Karachi Airport.”** *Pakistan Academy of Sciences* 58(3): 31-42.
4. Lubna Ghazal, **Salman Zubair** and Anisa Zafar (2021) **“Urban Water Management Issues In Mega City Karachi”** *INT. J. BIOL. BIOTECH.*, 18 (4): 715-723, 2021.
5. L.Ghazal, **Salman,Z.** J.H.Kazmi and H.Ghani. (2018) **“Assessment of Transformation of Urban Green Spaces and Agriculture Land in Karachi: A Case Study of Gutter Baghicha in and its Surrounding Areas”**. *Int. J. Biol. Biotech.*, 15 (3): pp527-534, 2018
6. M. Zaheer Khan, Ubaid Ullah, Roohi Kanwal, Afsheen Zehra and **Salman Zubair**. **“Distribution and Status Of The Vertebrate Biodiversity Of Korangi And Phitti Creeks, Karachi Coast, Sindh, Pakistan”**. *Int. J. Biol. Biotech.*, 15 (4): 751-764, 2018.
7. M. A. Iqbal, M. Z. Khan, G. S. Gachal, **S. Zubair** , **“Distribution and Status**
8. **Of Vertebrate Fauna of Mahal Kohistan Wildlife Sanctuary, Khirthar Protected Area Complex, Sindh”** *Sindh University Research Journal. Vol.50 (002) 287-294 (2018)*.
9. Z. Akhtar, Syed, I.A, Muhammad. F, **Salman. Z.**, Rasheeda. P, and Khalid M.K, **“Application of Acid Dyes on Silk Fabric and Fastness Properties Part II.***J.Chem.Soc.Pak., Vol. 40, No. 02, pp 283-287, 2018.*
10. M. Zaheer Khan, Uzma Imdad, Syed Ali Ghalib, Kazim Hussain, **Salman Zubair**, et al. **“A Review: Status Of Captive Wild Animals In Safari Park, Karachi”**. *Canadian journal of Pure and Applied Sciences. Vol. 11, No. 2, June 2017, pp. 4189-4204.*
11. Aamir Alamgira, Moazzam Ali Khana , S. Shahid Shaukata , Tariq Masood Ali Khana ,**Salman Zubair**. **“Water quality appraisal of Keti Bandar and Shah Bandar creeks of Indus delta, Sindh, Pakistan”**. *Desalination and Water Treatment* 70 pp95-105 (2017).
12. Aamir Alamgira , Moazzam Ali Khana, S. Shahid Shaukata , Omm-e-Hanya , Owais Iqbal Khana , **Salman Zubair**. **“Appraisal of Hanna lake water quality assessment, Balochistan, Pakistan”**. *Desalination and Water Treatment* 71 pp 174-183 (2017).
13. **S. Zubair**, J.H. Kazmi, L. Ghazal, **“Geo-Spatial assessment for monitory burden of road traffic accident victims in Karachi”**. *Pakistan Geographical Review. Vol. 71 No. 1, June 2016, pp 33-46.*
14. Shella Bano, Viqar Husain1, Ghulam Murtaza, **Salman Zubair** and Syed Waseem Haider, **“Spatial and Temporal Changes in Salinity of Arable Lands in Shah Bandar Tehsil, Thatta District, Sindh”**, *Int. j. econ. environ. geol. Vol:7(2) 37-45, 2016.*
15. Lubna Ghazal, **Salman Zubair** and Jamil H. Kazmi **”Integrated Satellite and GIS based Assessment of Urbanization in Karachi”**, *Journal of GeoSpace Science, 1(2) September 2016, Pages: 31-42*
16. **S. Zubair**, L. Ghazal, J. H. Kazmi and R. Jooma **“A GIS based Locational Analysis of Accident Risk Zones for Schools-going Children of Karachi”**. *Pakistan Geographical Review. Vol. 71 No. 2, December 2016, pp 120-135.*
17. **Salman Zubair** and Lubna Ghazal **“Evaluating the Road Safety Design through High Resolution Satellite Image: A Case Study of Karachi Metropolitan”** *Conference Proceeding of ICTTE 2016, MATEC Web of Conferences 81, 02022 pp 1-6 (2016).*
18. **S. Zubair**, S. Shaukat, L. Ghazal and J. Kazmi. **“Assessment of human exposor to traffic borne problems in Karachi”**. *INT. J. BIOL. BIOTECH.*, 13 (1): 153-162, 2016.

19. L. Ghazal, J. H. Kazmi and S. Zubair “**Monitoring and Mapping Spatio-Periodic Dynamics of Vegetation cover in Karachi using Geoinformatics**”. INT. J. BIOL. BIOTECH., 12 (4): 621-627,2015.
20. S. Zubair, J. H. Kazmi, S. Ali, R. Jooma and Z. Akhtar. "**Impacts of Signal Free Corridors on the Incidence of Road Traffic Accidents in Karachi**" Journal of Basic and Applied Sciences 11 (2015): 244-254.
21. S. Zubair and Masood Ali Shaikh. "**U-Turns and road safety perspective from Karachi**" Journal of the Pakistan Medical Association, Jan;65(1) pp 84-86 2015, 84-86
22. S. Zubair and J. H. Kazmi. “**Estimation of Vehicle damage cost involved in road traffic accidents in Karachi, Pakistan: a geo-spatial perspective**” Procedia engineering (Elsevier), (2014) 77, 70-78.
23. S. Zubair and J. H. Kazmi. “**Spatial Framework for the Assessment of Road Traffic Accidents in Karachi**”. Journal of Basic and Applied Sciences, 2013, 9, 525-532

Annexure II

1. Resource person at workshop title: "**Use of Geo-Informatics in Biological and Environmental Research**" organized by Sindh Innovative Research and Education Network (SIREN) and International Center for Chemical and Biological Sciences (ICCBS) on March 20, 2023.
2. Organizer at Lesson Learned Workshop on “**Climate Vulnerability and Capacity Assessment**” underd the Climate Sensitive Livelihood Modeling (CSLM) Project funded in collaboration with network of Disaster Management Practioners (Pvt) Ltd. (NDMP) funded by Islamic relief Pakistan (IRP) on 29th November 2022 at office of Dean Faculty of Science, University of Karachi.
3. Organizer in “**Road Safety Awareness Seminar**” organized by Department of Geography, University of Karachi in collaboration with National Highway and Motorway Police, in, 2022, 2021, 2020, 2019, 2018 and in 2017.
4. Organizer ‘**Web Seminar on ‘Contribution of Young Geographers to Geography’** January 1st, 2021.Department of Geography University of Karachi.
5. Member organizing Committee, **Road Safety Awareness Walk & Seminar**, January 20th, 2010 Department of Geography, University of Karachi.
6. Member organizing Committee, **World Water Day 2019 Walk and Seminar**, March 22nd, 2019 Department of Geography, University of Karachi.
7. Convener & Head of Organizing Committee, **Road Safety Awareness Walk & Seminar**, February 21, 2019 University of Karachi.
8. Letter of appreciation as Organizing Member **Convocation committee** 2018, 22nd December 2018.
9. Session Moderator at **15th All Pakistan Geographical Conference** April 21-23, 2018, held at Department of Geography, University of Karachi.
10. Member Organizing Committee **15th All Pakistan Geographical Conference** April 21-23, 2018, held at Department of Geography, University of Karachi.

Annexure III

1. One day training workshop on **PRA Tool for Capacity Assessment of Vulnerable Areas effected by Disaster** conducted by Network of Disaster Management Practitioner on 15th August 2022.
2. **UPG Sustainability Leader**, 19 June - 24 June 2022, 26 September - 01 October 2021 and on 23-27 September 2019.Organized by United People Global and Hurricane Island Center for Science and Leadership. at Boston, USA.

3. One day Training workshop on “Emergency Response and First Aid’ on February 13, 2019. Organized by Network of Disaster Management Practitioners (Pvt.) Ltd. Islamabad.
4. **Road Safety Awareness Walk & Seminar**, in 2022, 2021, 2020, 2019, 2018 and 2017, Organized by Department of Geography University of Karachi In collaboration with National Highway and Motorway Police (NHMP) South Zone.
5. Awareness raising workshop on "**Emergency Response and FirstAid**", February 13th 2019, organized by Network of Disaster Management Practitioner, Islamabad - Pakistan.
6. **Road Safety Audit Inspection training Course** conducted at NUST University, Islamabad from 19th to 27th February 2018, in collaboration with ABD and NTU, sponsored by UKaid.
7. **Road Safety Data Analysis Training Course** conducted at NUST University, Islamabad from 12th to 16th February 2018, in collaboration with ABD and NTU, sponsored by UKaid.
8. **Mapping Spatial Distribution of Species Using MAXENT Software at First South Asian Regional SURE Conference 2017**, January 21-22, 2017 in Department of Geography, University of Karachi
9. **2nd Summer School on Earth Remote Sensing with SAR** 1st-5th August, 2016, at Institute of Space Technology, Islamabad. Pakistan.
10. **17th Training Workshop on Conservation and Management of Biodiversity and Ecosystem-2016**, on July 22nd, 2016 held at the Department of Zoology, University of Karachi.
11. Certificate Course of **20th Master Trainers-Faculty Professional Development Program** Jan 07 - March 01, 2013 HEC Islamabad Pakistan.