

**WASEEM KHAN**

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**Objectives:**

To leverage my expertise in structural and tectonic geology, geomorphology, neo-tectonics, and proficiency in petrography, SEM-Edx, geochemistry, GIS, anisotropy of magnetic susceptibility, and paleomagnetic analyses to contribute to research projects and drive scientific progress in the field of earth sciences.

**Education:**

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| <b>2018-23</b> | <b>PhD (Structural Geology)</b><br>School of Earth Sciences and Engineering<br>Sun Yat Sen University, Zhuhai Campus, China |
| <b>2012-15</b> | <b>Master of Science in Geology</b><br>University of Balochistan, Quetta, Pakistan  |
| <b>2006-11</b> | <b>BS (Hons) in Marine Sciences</b><br>Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Pakistan        |

**Research Papers:***Manuscripts published/accepted*

- **Khan, W.**, Zhang, K., Liang, H., Yu, P. (2023). Provenance for the Makran Flysch Basin in Pakistan: implications for interaction between the India, Eurasian and Arabian Plates. *Journal of Asian Earth Sciences*. 248 (6). <https://doi.org/10.1016/j.jseaes.2023.105626>.
- **Khan, W.**, Zhang, K., Liang, H., & Yu, P. (2023). Geochemical Assessment of River Sediments at the Outlets of Eastern Makran, Pakistan; Implications for Source Area Weathering and Provenance. *Minerals*, 13(3), 348. <https://doi.org/10.3390/min13030348>
- **Khan, W.**, Zhang, K., Liang, H., Yu, P. (2023). REEs distribution and enrichment of drainage point sediments from Makran and Lasbela, Pakistan. *Kuwait Journal of Sciences*.
- **Khan, W.**, Zhang, K., Liang, H. (2023). Appraisal of neotectonics activity in Shadi Kaur Catchment, Pasni, Pakistan. *Int. J. Econ. Environ. Geol.*
- **Khan, W.**, Dost, C., Murad, F., Muhammad, A. and Ahmed, F. (2022). Neotectonic activity in Quetta-Ziarat region, northwest Quetta City, Pakistan. *Int. J. Econ. Environ. Geol.* Vol. 13 (4) 07-12, 2022.
- Li, Z., Zhang, K., Liang, H., Chen, Z., Li, X., **Khan, W.**, Yu, Z., Chen, Z. and Huang, P. (2020). Initial incision of the Jinshan Gorge of the Yellow River, China, constrained by terrestrial in situ cosmogenic nuclides chronology. *Quaternary International*, 550, 111-119.
- **Khan, W.** and Mirwani, M. (2020). Probing the Nature and Characteristics of Active Mud Volcanic Clusters in Makran Coastal Zone, Pakistan. *Int. J. of Research-Granthaalayah*, 8(3), 214-222.
- **Khan, W.**, Zhang, K., Liang, H. (2023). Evaluating the neotectonic activities of the Eastern Makran at the northern edge of the triple junction in Pakistan. *Turkish Journal of Earth Sciences*.
- Muhammad, S., Iftakar, R., Lamiya, I. B., **Khan, W.**, Sumalani, H., & Bizinjo, A. (2019). Valuation of awaran, balochistan, pakistan, earthquake: hazard assessment and mitigation. *International Journal of Technical Research & Science*, 4(12), 1-9. DOI Number: <https://doi.org/10.30780/IJTRS.V04.I12.001>
- Mirwani, R., Baloch, G., **Khan, W.**, Social organization of Awaran District, Balochistan Pakistan. (2016). *Bilingual/Bi-annual Pakistan studies, English / Urdu Research Journal*, 3(1), 78-84

**Professional Skills:**

- Petrography
- Scanning Electron Microscopy (SEM-EDX)
- GIS based neotectonic analyses
- Whole rock and isotope geochemistry
- Anisotropy of magnetic susceptibility
- Paleomagnetic analysis

**Computer Programs and Literacy:**

Program:	Proficiency
ArcGIS	Good
Corel Draw	Good
Origin Pro	Good
Remansoft	Good
Anisoft	Good

**Personal Skills:**

- Excellent communication and interpersonal skills
- Problem solving and decision-making abilities
- Attention to detail, self-learning ability, adaptability, cooperation ability
- Analysing and Report writing

**Extra-curricular Activities, Hobbies and Interests:**

Hiking, Research Activities, Reading Newspaper, Teaching and Guiding, learning from seniors, Watching News and Discovery Channels, Visiting Historical Places, Playing Cricket, Football, Chess, Snooker, Cards, etc.

**Languages:**

Mother tongue:	Balochi				
National language:	Urdu				
Official National language:	English				
Other languages:	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Fluent	Fluent	Fluent	Fluent	Fluent
Chinese	Basic	Basic	Basic	Basic	Basics
Arabic	Fluent	Fluent	Basics	Basics	Fluent

**References:**

Will be available when required