

## Prof. Dr. Zafar Mahmood

### List of Publications:

- Ijaz ul Haq, Xiang He, Abdul Majid Mujahid, Hira Ibrahim, **Zafar Mehmood**, Jahan Shah, Bilal Ahmed, Amjad Khan, Shahbaz Zakki, Ihtisham Ul Haq (2022). Preparedness to Combat Determinants of Underweight-Based Child Malnutrition in Flood-Affected Areas of Pakistan. *Hindawi BioMed Research International* Volume 2022, Article ID 6464901, 10 pages; <https://doi.org/10.1155/2022/6464901>
- I. ul Haq, **Z. Mehmood**, T. Afzal N. Khand, B. Ahmed, Nawsherwan, L. Alig, A. Khana, J. Muhammad, E. A. Khani, J. Khanj, S. A. Zakkia, J. Xuk and Y. Shuk (2021). Prevalence and determinants of stunting among preschool and school-going children in the flood-affected areas of Pakistan. *Brazilian Journal of Biology*; <https://doi.org/10.1590/1519-6984.249971>
- Ijaz ul Haq , **Zafar Mehmood**, Nadar Khan , Muhammad Nadeem Khan , Muhammad Israr , Ejaz Ali Khan , Muhammad Nisar , Muhammad Ijaz Ahmad & Majid Ali (2021). Risk Factors of Mid-upper Arm Circumference (MUAC) Based Child Malnutrition in the Flood-affected Areas of Pakistan: A Cross-sectional Study.*Ecology Of Food And Nutrition*; <tps://doi.org/10.1080/03670244.2021.1872024>
- Iftikhar Azim, Jian Yang, Muhammad Farjad Iqbal, **Zafar Mahmood**, Muhammad Faisal Javed, Feiliang Wang, and Qing-feng Liu (2021). Prediction of Catenary Action Capacity of RC Beam-Column Substructures under a Missing Column Scenario Using Evolutionary Algorithm. *KSCE Journal of Civil Engineering*, DOI 10.1007/s12205-021-0431-0
- Iftikhar Azim, Jian Yanga, Muhammad Faisal Javed, Muhammad Farjad Iqbala, **Zafar Mahmood**, Feiliang Wanga, Qing-feng Liua (2020). Prediction model for compressive arch action capacity of RC frame structures under column removal scenario using gene expression programming. *Structures*; Volume 25, June 2020, Pages 212-228
- Syed M Amir, Yonggong Liu, Ashfaq A Shah, Umer Khayam and **Zafar Mahmood** (2020). Empirical Study On Influencing Factors Of Biogas Technology Adoption in Khyber Pakhtunkhwa. *Energy & Environment*. Vol. 31(2) 308–329 <https://doi.org/10.1177%2F0958305X19865536>
- **Zafar Mahmood**, Syed Muhammad Asim, Mashal Khan, Nadar Khan (2019). Nutritional Status of Preschool and School Going Children in Flood-Hit Areas of Khyber Pakhtunkhwa, Pakistan. *Pak Pediatr J* ; 43(4): 278-83
- Ijaz Iqbal , Maqsooda Parveen and **Zafar Mahmood** (2018). New Diallel Cross Designs Through Resolvable Balanced Incomplete Block Designs for Field Experiments. *Sarhad J. Agric.* Vol.34, No.4, 994-1000.
- **Zafar Mahmood**, Syed Muhammad Asim, Mashal, Nadar Khan, Ejaz Ali Khan and Nadeem Khan (2018). Statistical modeling for the determinants of stunting in children under-five year of age in Pakistan. *International Journal of Academic Research and Development* Volume 3 (1) 559-565
- Jan I., Akram W., Khan N.P., Asim S.M., **Zafar Mahmood** , Ahmad M.N. and Ahmad S.S. (2017). Adoption of improved cookstoves in Pakistan: A logit analysis. *Biomass and Bioenergy*. 103: 55-62

- Uzair Ahmad, Unab Begum and **Zafar Mehmood** (2016) Comparative efficacy of botanical extracts and synthetic insecticides against *Tribolium castaneum* H. (Coleoptera: Tenebrionidae) in Peshawar. *Journal of Entomology and Zoology Studies* Vol. 4(6): 1090-1093
  - **Z.Mahmood**, Salahuddin & Peter Salzman (2016). Improved Resampling Technique for the Choice of Stopping Criterion and Model Selection in Stepwise Logistic Regression. *Pak. J. Statist.* Vol. 32(1), 21-36
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