

RESEARCH PAPERS

REFEREED RESEARCH PAPER

1. Latif, Y., Yaoming, M., **Yaseen, M.**, Sher M., and Wazir, M.A.; (2019). “Spatial analysis of temperature time series over the Upper Indus Basin (UIB) Pakistan”. Theoretical and Applied Climatology, <https://doi.org/10.1007/s00704-019-02993-8>.
2. Ijaz Ahmad, I., Ahmed, S.M., Mahmood, S., Afzal, M., **Yaseen, M.**, Saleem, M., and Rizwan, M.; (2019): “To develop a crop water allocation model for optimal water allocation in the warabandi irrigation system.” Arabian Journal for Science and Engineering. Volume 44, Issue 10, pp 8585–8598.
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4. Shehzad, T., M. **Yaseen, M.**, Afzal, M., Khan, K., Rizwan, M.A., Ahmad, S.R., and Bhatti, H.A. (2017). “Performance evaluation of sodium bentonite material for seepage control in irrigation channels”. Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan. Vol. 22 No. I.
5. Latif, Y., Yaoming, M., and **Yaseen, M.**, (2016): “Spatial analysis of precipitation time series over the Upper Indus Basin”. Theoretical and Applied Climatology. **131**, 761–775.
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9. **Yaseen, M.**, Khan, K., Nabi, G., Bhatti, H. A. and Afzal, M.; (2015): “Hydrological trends and variability in the mangla watershed, Pakistan”. Journal of Science International, Pakistan. 27(2),1327-1335
10. Boota, M. W., Nabi, G., Abbas, T., Hussain, F., **Yaseen, M.** (2015). “An appraisal of statistically approaches for estimation of probable maximum precipitation in highland climatic zone of Pakistan”. Journal of Science International, Pakistan. 27(3), 1993-1998.
11. Faisal, M., Muzammil, M., Azam, M.I., **Yaseen, M.**, Abbas, Y., Nabi, G., (2015): “Flood Hazard Mapping And Risk Zoning Of The Nullah Deg, Pakistan Using Hydraulic Simulation Model (A Case Study)”. Journal of Science International, Pakistan. 27(6), 6459-6464.
12. **Yaseen, M.**, Rientjes, T., Nabi, G., Rehman, H. and Latif, M.; (2014): “Assessment of recent temperature trends in Mangla watershed”. Journal of Himalayan Earth Sciences. Volume 47, No. 1, 2014, pp. 107-121.

13. **Yaseen, M.**, Nabi, G., Rehman, H. and Latif, M.; (2014): “Assessment of climate change at spatio-temporal scales and its impact on stream flows of Mangla watershed”. Pakistan Journal of Engineering and Applied Sciences Volume 14, July 2014.
14. Zakaullah, Ashraf, M., Afzal, M., **Yaseen, M.** and Khan, K., (2014): “Appraisal of Sediment Load in Rainfed Areas of Pothwar Region in Pakistan”. Global Journal of Researches in Engineering: Volume 14 Issue 6 Version 1.0 Online ISSN: 2249-4596 & Print ISSN: 0975-5861.
15. **Yaseen, M.**, Khan, K and Afzal, M. (2014): “Effect of bed configuration on flow resistance under different flow regimes in an open channel”. Global Journal of Researches in Engineering: Volume 14 Issue 7 Version 1.0 Online ISSN: 2249-4596 & Print ISSN: 0975-5861.
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RESEARCH PAPERS PRESENTATIONS IN CONFERENCES

1. **Yaseen, M.**, Nasir, B, Azam, M.I, Rehman, M.H., and Ahmed, I.; (2017): “Evaluation of suitable design flood frequency approaches for the mountainous watersheds (a case study of Upper Indus Basin)”. International Conference on Hydropower: A Vital Source of Sustainable Energy for Pakistan. CEWRE-UET. Lahore. December 19-20, 2017.
2. **Yaseen, M.**, Naveed, M., Kaleem Sarwar, M. K., Rehman, M. H. and Azam, M. I.; (2017): “Selection of Best Diversion Facility for the Construction of Kohala Hydropower Dam”. International Conference on Hydropower: A Vital Source of Sustainable Energy for Pakistan. Organized by Centre of Excellence in Water Resources Engineering, University Of Engineering and Technology, Lahore Pakistan. December 19-20, 2017.
3. **Yaseen, M.**, Bhatti, H. A., Rientjes, T., Nabi, G., and Latif, M.; (2013): “Temporal and spatial variations in summer flows of Upper Indus Basin, Pakistan” 72th Annual session of Pakistan Engineering Congress (PEC), Organized by Pakistan Engineering Congress (PEC), Lahore. December, 2013.
4. **Yaseen, M.**, Nabi, G., and Latif, M.; (2011): “Effect of Suspended Sediment on Flow Resistance in an Open Channel”. International Conference on Water Resources Engineering & Management. Organized by Civil Engineering Department, University Of Engineering and Technology, Lahore Pakistan. March 7-8 2011.

BOOK CHAPTERS

1. Latif, Y., Yaoming, M., Ma W., Sher M., and **Yaseen, M.**; (2019): “Snowmelt Runoff Simulation During Early 21st Century Using Hydrological Modelling in the Snow-Fed Terrain of Gilgit River Basin (Pakistan)”. In: Chaminé H., Barbieri M., Kisi O., Chen M., Merkel B. (eds) Advances in Sustainable and Environmental Hydrology, Hydrogeology, Hydrochemistry and Water Resources. Advances in Science, Technology & Innovation (IEREK Interdisciplinary Series for Sustainable Development). Springer, Cham