

Publications of Prof. Raj Mohan Singh, Civil Engg. Deptt.

Published: Details

Journals

1. Kumar, P., Singh, R.M. (2026). Groundwater Contaminant Mitigation Strategies in Groundwater System Using Permeable Reactive Barrier. *Natl. Acad. Sci. Lett.* (2026). <https://doi.org/10.1007/s40009-026-02306-4> [May 27, 2026]
2. Kumar, Praveen; Singh, Raj Mohan; Yadav, Anurag (2026). Groundwater simulation and recharge impact on availability in the Yamuna-Krishni interfluvial region, CURRENT SCIENCE, VOL. 130, NO.7, [10 APRIL 2026]
3. Yadav A., Singh R. M. (2026). "Crop Yield Estimation under Future Climatic Conditions using SWAT Model", *Theoretical and Applied Climatology*, (2026) 157:125, <https://doi.org/10.1007/s00704-026-06059-4> , [Published 07 February, 2026]
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5. Singh S. K., Singh U, Garg A, Yadav A and Singh R. M. "Land Area Reclamation & Expansion in Mahakumbh-2025, India: A Case Study". *International journal of Environmental sciences*, ISSN:2229-7359, Vol 11 No.06, p.p.1706-1715, (2025). <https://doi.org/10.64252/x53nzw90>
6. Yadav A. and Singh R. M. "Presence and water availability of Jagdalpur urban area in Indravati River basin analyzed by LULC densities and ArcSWAT model". *Urban Water Journal*, 1-15 (2025). <https://doi.org/10.1080/1573062X.2025.2519098>
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8. Meena, Ram Raj, et al. "Intensification of fluoride removal using electrocoagulation reactor with rotating fins and rings electrodes (Aluminium and Iron) in different configurations." *Chemical Engineering and Processing-Process Intensification* (2025): 110463. doi.org/10.1016/j.cep.2025.110463
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12. Meena, R.R., Singh, R.M., Soni, P. , Kumar, R. , Kumar, S. Fluoride removal using a rotating anode electro-coagulation reactor: Parametric optimization using response surface methodology, isotherms and kinetic studies, economic analysis and sludge characterization, *Journal of Environmental Management* (Elsevier), [Volume 370](https://doi.org/10.1016/j.jenvman.2024.122600), (2024). (November 2024), 122600, 1-13. <https://doi.org/10.1016/j.jenvman.2024.122600>
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Book Chapters

1. Kumar, P., Shukla P. and Singh, R.M. (2023). Study of rising Surface Water Levels on Land Submergence and Groundwater" in Shukla, P., Singh, P., and Singh, R.M. (Eds.) *Water Science and Technology Library* (Springer), Volume 120, 2023. ISBN 81-7764-243-X & 81-7764-245-6; ISSN 0921-092X ISSN 1872-4663 (electronic), ISBN 978-3-031-20207-0; ISBN 978-3-031-20208-7 (eBook) <https://doi.org/10.1007/978-3-031-20208-7>
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Papers in Conferences Proceedings

International Conferences Proceedings

1. Yadav, A. and Singh, R.M. (2024). Assessment of Surface Runoff in the Macpherson Lake Catchment using SCS-CN and GIS Technique. In *International Water Conference for Sustainable Development Goals 2024 (IWCSGD 2024)*, 22nd to 23rd March, 2024, Civil Engg. Department MANIT Bhopal, India.
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3. Yadav, A. and Singh, RM .(2023). WATER BALANCE MODELING FOR URBAN PLANNING IN INDRAVATI RIVER BASIN USING ARC-SWAT, in 3rd International Conference on River Health: Assessment and Restoration (RHAR 2023) October 12-14, 2023. IIT (BHU) Varanasi. [id 2649]
4. Kumar, P. and Singh, R.M. (2023). SIMULATION AND REMEDIATION OF GROUNDWATER CONTAMINANT USING PERMEABLE REACTIVE BARRIER, in 3rd International Conference on River Health: Assessment and Restoration (RHAR 2023) October 12-14, 2023. IIT (BHU) Varanasi. [id 3666]]
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