

# NEWSLETTER

# APRIL 2026

Department of Hydrology



## EVENT

We are proud to share that the department successfully launched its first-ever Earth Day on April 22, 2026.

Prof. D S Arya and Prof. Brijesh Kumar Yadav visited to Samarkand State University (SamSU) to deliver expert lectures for students and faculty members on Remote sensing, GIS, groundwater hydrology and the remediation of polluted sites.

## Invited Talk

Prof. Brijesh K Yadav delivered an expert talk on “Engineered Bioremediation and Biomonitoring of Contaminated Soil-water Sites” during the Conference on Sustainable Water and Natural Resource Management: Innovations and Strategies (SWNRM-2026), March 31-April 1, 2026 conducted by Amity University, Lucknow Campus

# Publications:

- Kumar, A, Singh\*, R, and Yadav\*, B K (2026) Comprehensive Assessment of Nitrogen and Phosphorus Removal Pathways in Vermifiltration: Influence of Design and Operational Parameters, Water Process Engineering, Vol- 86 (2026), 109896, <https://doi.org/10.1016/j.jwpe.2026.109896> , Q1 (IF= 6.7)
- Salama, H. A, Mukherjee, M, Yadav, B K, Kumar, A (2026) Urban Flood Risk Criteria Ranking of a Coastal City along the Southeastern Arabian Sea using the Fuzzy Delphi Method” Natural Hazards, Vol 122(135), pp 1-35, Q1 (IF=4)
- Raghuvanshi, A. S., & Agarwal, A. (2026). Network Divergence reveals predictable pathways of extreme rainfall in Central India. Geophysical Research Letters, 53, e2026GL121973. <https://doi.org/10.1029/2026GL121973>

