



Dr. Amar Kant Gautam
Assistant Professor

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EDUCATIONAL QUALIFICATIONS

- **B. Tech. (Ag. Engg):** CCS University Meerut
- **M.Tech. (Hydrology):** IIT Roorkee, Uttarakhand
- **Ph.D. (WRD&M):** IIT Roorkee, Uttarakhand

PROFESSIONAL AREA

- **Research Area:** Soil & Water Engineering
- **Research Interests:** Irrigation water management, RS & GIS Application in Hydrology, Climate Change impact on hydrology; Hydrological modelling
- **Memberships/Fellow of Societies:**
 - I. Life Member of Indian Society of Agricultural Engineers
 - II. Life Member of Indian Water Resources Society

PUBLICATIONS

- Research articles / Review articles /Short Communication: 12
- Book Chapter: 02
- Popular articles: 04

KEY PUBLICATIONS:

- Gautam, A. K., & Pandey, A. (2022). Ground validation of GPM Day-1 IMERG and TMPA Version-7 products over different rainfall regimes in India. *Theoretical and Applied Climatology*, 149(3-4), 931-943.
- Pandey, A., Gautam, A. K., Chowdary, V. M., Jha, C. S., & Cerdà, A. (2021). Uncertainty assessment in soil erosion modelling using RUSLE, multisource and multiresolution DEMs. *Journal of the Indian Society of Remote Sensing*, 49, 1689-1707.
- Kumar, D., Gautam, A. K., Palmate, S. S., Pandey, A., Suryavanshi, S., Rathore, N., & Sharma, N. (2017). Evaluation of TRMM multi-satellite precipitation analysis (TMPA) against terrestrial measurement over a humid sub-tropical basin, India. *Theoretical and Applied Climatology*, 129, 783-799.
- Tarun, K., Gautam, A. K., & Jhariya, D. C. (2016). Multi-criteria decision analysis for planning and management of groundwater resources in Balod District, India. *Environmental Earth Sciences*, 75(8).
- Kumar, T., Gautam, A. K., & Kumar, T. (2014). Appraising the accuracy of GIS-based multi-criteria decision making technique for delineation of groundwater potential zones. *Water resources management*, 28, 4449-4466.

AWARDS/Fellowship:

- EUMETSAT Travel Grant for attending Winter School at Krakow, Poland
- Netherlands Fellowship Programme for attending short course at UNESCO-IHE Delft
- SERB-DST Travel Grant for attending AGU Fall MEETING 2016, San Francisco, California, USA