

Name : Mrs. Ashwini Suryawanshi

Date of birth : 22nd April 1995

Designation : Scientist

Qualification : M.Tech. (Soil & Water Conservation Engg.)

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Educational qualification

- ICAR-NET (2021): Agricultural Scientist Recruitment Board (ASRB), New Delhi
- M.Tech. (Soil & Water Conservation Engg.): Banaras Hindu University (Central University), Varanasi, India
- B.Tech. (Agricultural Engineering): Jawaharlal Nehru Krishi Viswavidyalaya, Jabalpur, India

Professional Experience

- Scientist at ICAR-NBSS&LUP, Nagpur from 23-03-2026 to till date
- Scientist at ICAR-RC-NEH Region, Arunachal Pradesh from 18-01-2024 to 20-03-2026
- Scientist at ICAR-NAARM, Nagpur from 18-07-2023 to 17-10-2023
- Scientist at ICAR-RC-NEH Region, Arunachal Pradesh from 11-04-2023 to 17-07-2023

Research area

Remote Sensing and GIS Application in Land and Water Resource Management

Soil and Water conservation, Watershed Management

Spatial Modelling of Soil Erosion

Geospatial Analysis

Awards

- **B.H.U. Merit Medal** for outstanding academic performance in M.Tech. in Soil & Water Conservation Engineering, Banaras Hindu University (BHU), Varanasi.

Honours/ Recognitions

- External Examiner for M.Tech. Thesis evaluation for Banaras Hindu University (Central University), Varanasi.

Five best research papers along with NAAS rating-2026

Sl. No.	Publication	NAAS rating
1.	Suryawanshi, A. , Obi Reddy, G. P., Kumar, N., Das, B., Mohekar, D., Wakode, R. R., & Nagaraju, M. S. S. (2025). Spatial modelling of soil erosion in sub-tropical region of Central India using AHP and geospatial approach. <i>Environmental Monitoring and Assessment</i> , 197(9), 1054. https://doi.org/10.1007/s41651-025-00218-3	9.00
2.	Suryawanshi, A. , Das, B., Tasunga, A., Singh, R., Alone, R., Angami, T., & Choudhary, B. (2025). Traditional soil and water conservation by tribal farmers in Arunachal Pradesh: A case study on erosion control. <i>Indian Journal of</i>	6.70

Traditional Knowledge (IJTK), 24(9), 877-887.
<https://doi.org/10.56042/ijtk.v24i9.13930>

3. **Suryawanshi, A.**, Nema, A. K., Jaiswal, R. K., Jain, S., & Kar, S. K. (2021). 5.85
Identification of soil erosion prone areas of Madhya Pradesh using USLE/RUSLE.
Journal of Agricultural Engineering, 58(2): 177-191.
<https://doi.org/10.52151/jae2021581.1744>
4. **Suryawanshi, A.**, Dubey, S. & Sharma, M. (2023). Evaluating Soil Erosion through 5.20
Geospatial Techniques: Difficulties and Prospects in the Context of the Central
Indian Chambal River Basin. *International Journal of Environment and Climate
Change*, 13(11): 4518-4533. <https://doi.org/10.9734/ijecc/2023/v13i113632>
5. Sharnagat, N., Nema, A. K., Mishra, P. K., Patidar, N., Kumar, R., **Suryawanshi, A.**, 12.80
& Radha, L. (2025). State-of-the-Art Status of Google Earth Engine (GEE)
Application in Land and Water Resource Management: A Scientometric Analysis.
Journal of Geovisualization and Spatial Analysis, 9(1), 16.
<https://doi.org/10.1007/s41651-025-00218-3>

Google scholar link: <https://scholar.google.com/citations?user=t7ccOxcAAAJ&hl=en>

Research Gate link: https://www.researchgate.net/profile/Ashwini-Suryawanshi-5?ev=hdr_xprf