

Name : N G Patil
Date of birth : 02/08/1966
Designation : Principal Scientist and Head
Qualification : Ph D (SWCE)
Email id : nitpat03@yahoo.co.uk



Educational Qualifications :

B Tech (Ag Engg), M Tech (SWCE), Ph D (SWE)

Research Areas :

Soil hydraulic properties, land use planning, water resources, crop water management, climate resilient agriculture, land resource inventory, predictive soil mapping, watershed development

International Experience :

Australia Awards Fellowship from the Australian Government, Department of Foreign Affairs and Trade. Digital Agriculture for Food and Soil Security: Training Agricultural Trade Partners (India)

Awards :

Fellow of Indian Society of Soil Survey and Land Use Planning

Honours/Recognitions :

Served as Chief Editor of 'Agropedology' journal for 3 years

Ten Best Research Papers along with NAAS Rating-2022

S.No	Publication	NAAS rating
1.	Singandhube R.B. Rao G.G.S.N. Patil N.G. and P. Brahmanand (2003). Fertigation Studies and Irrigation Scheduling in Drip Irrigation System in Tomato crop (<i>Lycopersicon esculentum</i>). <i>European Journal of Agronomy</i> . 19:327-340	11.12
2.	Singandhube R. B., Bankar M. C., Anand P. S. B., Patil N. G. (2008). Management of Drip Irrigated Sugarcane in Western India. <i>Archives of Agronomy and Soil Science</i> . 54(6):629-649	9.09
3.	Patil N. G. Rajput G. S. R. K. Nema and R. B. Singh (2010). Calibration and Evaluation of Pedotransfer Functions to Estimate Available Water Capacity of Seasonally Impounded Shrink-Swell Soils of Central India. <i>Archives of Agronomy and Soil Science</i> . 56(5):525-538	9.09
4.	Patil N. G., Pal D K., Mandal C., Mandal D K (2012) Soil Water Retention Characteristics of Vertisols and Pedotransfer Functions Based on Nearest Neighbor and Neural Networks Approach to Estimate AWC. <i>Journal of Irrigation and Drainage Engineering</i> 138(2):177-184	7.88
5.	Patil N. G. and Arun Chaturvedi Estimation of Bulk Density of Waterlogged Soils from Basic Properties (2012) <i>Archives of Agronomy and Soil Science</i> . 58(5):499-509	9.09
6.	Arun Chaturvedi, Rahul Kamble, N. G. Patil and Alka Chaturvedi (2013). City - Forest Relationship in Nagpur, One of the Greenest City of India. <i>Urban Forestry and Urban Greening</i> 12(1):79-87	10.54

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| 7. | Arun Chaturvedi, T. N. Hajare, N. G. Patil, Alka Chaturvedi, Arvind Mungole, Rahul Kamble (2015) Land use planning issues in management of common property Resources in a backward tribal area Land Use Policy 42:806-812 | 11.40 |
| 8. | Patil, N. G. and Singh, S. K (2016). Pedotransfer functions for estimating soil hydraulic properties: A review. Pedosphere 26(4):417-430 | 9.91 |
| 9. | Duraisamy Vasu, Rajeev Srivastava, Nitin G. Patil, Pramod Tiwary, Padikkal Chandran, Surendra Kumar Singh (2018). A comparative assessment of land suitability evaluation methods for agricultural land use planning at village level. Land Use Policy 79:146-163 | 11.40 |
| 10. | Patil, N.G., Reddy, V.P. and Singh, S.K. (2021) Delineating resource management domains of Yavatmal district using geospatial tools. Arabian Journal of Geosciences. 14(207):1-12 | 7.83 |

Total Publications (Peer-reviewed journals only) :

International:20

National:60

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

Research Gate link: <https://www.researchgate.net/profile/Nitin-Patil-16>