

LIST OF PUBLICATIONS

Faculty: Dr Satyam Verma

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JOURNAL PUBLICATIONS

Effect of Forest Fire on Tree Species Diversity in the Tropical Dry Deciduous Forest of Nauradehi Wildlife Sanctuary, Madhya Pradesh, Central India – D. Malasiya, T. Ray, S. Verma, R. Rajpoot, D. Maurya, T. Kumar, ... & M.L. Khan - International Journal of Ecology and Environmental Sciences, 48(3), 381-388 (2022)

Impact of forest fire frequency on tree biomass and carbon stocks in the tropical dry deciduous forest of Panna Tiger Reserve, Central India – T. Ray, D. Malasiya, S. Verma, T. Kumar, M. L. Khan - Tropical Ecology Accepted (2022)

Conservation Prioritization in a Tiger Landscape: Is Umbrella Species Enough? - V. Vasudeva, S. Upgupta, A. Singh, N. Sherwani, S. Dutta, R. Rajaraman, S. Chaudhuri, S. Verma, J. A. Johnson, J.A.; R. Krishnamurthy - Land, 11, 371 (2022)

Examining and predicting land use change dynamics in Gandhinagar district, Gujarat, India - E. Purswani, S. Verma, S. Jayakumar, M. L. Khan, B. Pathak - Journal of Urban Management, 11 (1) 82-96 (2021)

Impact of Forest Fire Frequency on Tree Diversity and Species Regeneration in Tropical Dry Deciduous Forest of Panna Tiger Reserve, Madhya Pradesh, India - T. Ray, D. Malasiya, R. Rajpoot, S. Verma, J. A. Dar, A. Dayanandan, ... & M. L. Khan - Journal of Sustainable Forestry, 40 (8) 831-845 (2020)

Climate models predict a divergent future for the medicinal tree *Boswellia serrata* Roxb. in India - R. Rajpoot, D. Adhikari, S. Verma, P. Saikia, A. Kumar, K. R. Grant, ... & M. L. Khan - Global Ecology and Conservation, 23, 1-9 (2020)

Variation in tree biomass and carbon stocks in three tropical dry deciduous - D. Raha, J. A. Dar, P. K. Pandey, P. A. Lone, S. Verma, P. K. Khare, & M. L. Khan - Carbon Management 11 (2), 109-120 (2020)

Spatiotemporal variation of water quality index in Kanwar wetland, Begusarai, India - A. K. Singh, M. Sathya, S. Verma & S. Jayakumar (2020) - Sustainable Water Resources Management, 6, 1-8 (2020)

Estimation of greenhouse gas emissions from vegetation fires in Central India - T. Ray, S. Verma, J. A. Dar, D. Malasiya, A. Dayanadan, P. K. Khare, M. L. Khan - Climate Change and Environmental Sustainability. 7 (1), 32-38 (2019)

Post-fire soil nutrient dynamics in a tropical dry deciduous forest of Western Ghats, India - S. Verma, D. Singh, A. K. Singh, & S. Jayakumar - *Forest Ecosystems*. 6 (6) (2019)

Health risk assessment of heavy metals in crop grains grown on open soils of Kanwar wetland, India - A. K. Singh, S. Mani, S. Verma & S. Jayakumar - *Euro-Mediterranean Journal of Environmental Intregation*. 3, 29 (2018)

A MODIS-based spatiotemporal assessment of agricultural residue burning in Madhya Pradesh, India - S. Verma, J. A. Dar, D. Malasiya, P. K. Khare, S. Dayanadan, M. L. Khan - *Ecological Indicator* 105, 496-504 (2018)

Effect of recurrent fires on soil nutrient dynamics in a tropical dry deciduous forest of Western Ghats, India - S. Verma & S. Jayakumar - *Journal of Sustainable Forestry* 37 (7), 678-690 (2018)

Effect of forest fire on tree diversity and regeneration potential in a tropical dry deciduous forest of Mudumalai Tiger Reserve, Western Ghats, India - S. Verma, D. Singh, M. Sathya, & S. Jayakumar - *Ecological Processes* 6 (1), 1-8 (2017)

Tree inventory along the altitudinal gradients in Singara Range, Nilgiri Biosphere Reserve, Western Ghats, India. - D. Singh, S. Verma & S. Jayakumar - *Proceedings of the International Academy of Ecology and Environmental Sciences*, 6(4), 97-109 (2016)

Post-fire regeneration dynamics of tree species in a tropical dry deciduous forest, Western Ghats, India - S. Verma & S. Jayakumar - *Forest Ecology and Management*, 341, 75-82 (2015)

Monitoring changes in forest fire pattern in Mudumalai Tiger Reserve, Western Ghats India, using remote sensing and GIS - S. Verma, K. T. Vashum, M. Sathya, & S. Jayakumar - *GJSFR-H*. 15(4), 13-19 (2015)

Impact of forest fire on physical, chemical and biological properties of soil: A Review - S. Verma & S. Jayakumar - *Proceedings of the International Academy of Ecology and Environmental Sciences*, 2(3), 168-176 (2012)