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DEFORESTATION IN INDIA: A REVIEW

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ABSTRACT

India's forest resources are rapidly diminishing. A number of studies on the loss of tropical rain forests in third-world nations have recently been published. Because there are few thorough and holistic research on long-term forest cover change, there is still a lot of ambiguity about the state of global forest cover. The purpose of this study is to create a multi-date forest cover database that characterizes and quantifies historical and current changes in India's natural forests. This study made it easier to figure out how the condition of Indian forest cover has changed over the past eight decades. We mapped the total area covered by forest cover, assessed the spatial tracking of changes in natural forests, estimated the rate of deforestation and afforestation, examined forest cover change by biogeographic zone and state, existing land use in deforested areas, the impact of environmental factors such as terrain on deforestation, and the implications of different definitions of forested areas.

KEYWORDS: Deforestation Terrain, Fuel wood, Encroachment, Environmental Impacts.

REFERENCES:

- 1. Bangotra P, Sharma M, Mehra R, Jakhu R, Singh A, Gautam AS, et al. A systematic study of uranium retention in human organs and quantification of radiological and chemical doses from uranium ingestion. Environ Technol Innov. 2021;
- **2.** Kaur R, Shikha D, Kaushal A, Gupta R, Singh SP, Chauhan RP, et al. Measurement of indoor 222Rn, 220Rn and decay products along with naturally occurring radionuclides in some monuments and museums of Punjab, India. J Radioanal Nucl Chem. 2021;
- **3.** Shikha D, Kaur R, Gupta R, Kaur J, Chandan, Sapra BK, et al. Estimation of indoor radon and thoron levels along with their progeny in dwellings of Roopnagar District of Punjab, India. J Radioanal Nucl Chem. 2021;
- **4.** Wani PA, Rafi N, Wani U, Bilikis A H, Khan MSA. Simultaneous bioremediation of heavy metals and biodegradation of hydrocarbons by metal resistant Brevibacillus parabrevis OZF5 improves plant growth promotion. Bioremediation Journal. 2021.
- **5.** Bilal M, Singh N, Rasool T. A model supported biomedical waste for the enhancement of mechanical properties of concrete. Model Earth Syst Environ. 2021;
- **6.** Sudhakar Reddy C, Jha CS, Dadhwal VK, Hari Krishna P, Vazeed Pasha S, Satish K V., et al. Quantification and monitoring of deforestation in India over eight decades (1930–2013). Biodivers Conserv. 2016;
- 7. Sudhakar Reddy C, Dutta K, Jha CS. Analysing the gross and net deforestation rates in India. Current Science. 2013.
- **8.** Wani PA, Wahid S, Rafi N, Wani U. Role of NADH-dependent chromium reductases, exopolysaccharides and antioxidants by Paenibacillus thiaminolyticus PS 5 against damage induced by reactive oxygen species. Chem Ecol. 2020;

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- **9.** Rosha P, Ibrahim H, Nanda AK, Mohapatra SK, Mahla SK, Dhir A. Effect of hydrogenenriched biogas induction on combustion, performance, and emission characteristics of dual-fuel compression ignition engine. Asia-Pacific J Chem Eng. 2020;
- **10.** Tesfahun AA, Chawla AS. Risk perceptions and adaptation strategies of smallholder farmers to climate change and variability in North Shoa Zone, Ethiopia. Manag Environ Qual An Int J. 2020;
- 11. Sharma P, Berwal YPS, Ghai W. Enhancement of plant disease detection framework using cloud computing and gpu computing. Int J Eng Adv Technol. 2019;
- 12. Shanker U. Deforestation in India and climate change. J Bio Innov. 2018;
- 13. Bowonder B. Deforestation in india. Int J Environ Stud. 1982;
- **14.** Sharma P, Berwal YPS, Ghai W. Performance analysis of deep learning CNN models for disease detection in plants using image segmentation. Inf Process Agric. 2020;
- **15.** Bansal N, Kwatra N, Kanwar VS. Finite Element Modeling of Reinforced Concrete Corners Under Opening Bending Moment. J Inst Eng Ser A. 2013;
- **16.** Sudhakar Reddy C, Rajashekar G, Hari Krishna P, Jha CS, Dadhwal VK. Multi-source and multi-date mapping of deforestation in Central India (1935-2010) and its implication on standing phytomass carbon pool. Ecol Indic. 2015;
- **17.** Ravindranath NH, Srivastava N, Murthy IK, Malaviya S, Munsi M, Sharma N. Deforestation and forest degradation in India -implications for REDD+. Curr Sci. 2012;
- **18.** Das P. Colonialism and the environment in India: Railways and deforestation in 19th century Punjab. J Asian Afr Stud. 2011;
- **19.** Babu SV. Clearing the Forest: Colonialism and Deforestation in Nagaland, Northeast India. IOSR J Humanit Soc Sci. 2014;
- **20.** Mba EH. Assessment of Environmental Impact of Deforestation in Enugu, Nigeria. Resour Environ. 2018;
- **21.** Alix-Garcia J, Rausch LL, L'Roe J, Gibbs HK, Munger J. Avoided Deforestation Linked to Environmental Registration of Properties in the Brazilian Amazon. Conservation Letters. 2018.