



Pune Knowledge Cluster Presents SUST-EN Series

Title - How India can expand forest and tree cover to meet its Sustainable Development (SDGs) and Climate Goals.

Organized By	Pune Knowledge Cluster (PKC)
Date	22 June 2022
Location	Online: Join Zoom Meeting https://us06web.zoom.us/j/88594050446?pwd=VUhTRTc4MEERMDZsODE2QUUNcy9Ndz09 Meeting ID:: 885 9405 0446 Passcode: 100584
Duration	4 PM to 5 PM
About PKC's SUST-EN Series	PKC's sustainability and environmental initiatives are focused on making Pune resilient in terms of food, water, and livelihood. Achievement of this goal requires increasing vegetation cover, which other than food, water, and livelihood security can also help in climate change mitigation. This also helps in multiple other ways such as increased carbon storage, reduced emissions of GHGs, and support industries. PKCs Sust-En series consists of public talks, focused group discussions, and workshops with experts in the environment and sustainability space. Through this series, we aim to promote collaborations, co-creation of technologies, and conceptualization of city-scale projects to solve key issues related to carbon emissions, wastewater treatment, improving air quality, and green energy production.
Abstract	Forests, trees, and agroforestry have a key role to play in India's Sustainable Development and Climate Action. Strategies in this sector include Improved forest conservation, restoration of impaired forests, reclamation of degraded lands, plantations along roads, railways and waterbodies, forest corridors etc. Recently, we carried out a study exploring scenario simulations for carbon mitigation and sustainable development pathways by 2050 from forests, trees, and agroforestry systems showing that major benefits could be obtained through sustainable land use practices nationwide. In this talk based on these future scenarios, we discuss as to how India could possibly expand forest and tree cover to simultaneously meet its Development (SDGs) and Climate Goals.
Speaker	Dr Rajiv Kumar Chaturvedi, Assistant Professor, BITS Pilani Goa
Number of Seats	The talk is free and is open to all.



About the speaker:

Dr. Rajiv Kumar Chaturvedi is currently an Assistant Professor at BITS, Pilani's, Goa campus. He obtained his PhD from Indian Institute of Science (IISc) in Ecology from the Centre for Ecological Sciences, and a masters in Geography from Delhi School of Economics, Delhi University. Dr Chaturvedi has been a National Environmental Sciences Fellow at IISc and has contributed to more than 40 peer reviewed articles, and to two books in the areas related to forestry, environment and climate change. Dr. Chaturvedi has worked extensively with communities, Government officials, NGOs, and UN organizations. Dr. Chaturvedi is currently the co-chair of IUCN's forest ecosystems' group. He is currently involved with India's national greenhouse gas inventory programme and is listed as an UN expert on GHG inventory in the land-use and forestry sector. He has been a lead author for the regional assessment reports of the UNEP (United Nations' Environment Programme) and IPBES (Intergovernmental Panel on Biodiversity and Ecosystem Services)



About the organizer:

The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Adviser to the Government of India. The aim is to bring together academia, R&D institutions and the industry of Pune and its surrounding areas, to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources. Furthermore, PKC aims to foster capacity building and promote skills development and entrepreneurship among the students and professionals of the city. All relevant organizations and experts will be partners and consulted to identify sustainable solutions to the problems of the city and improve its liveability and prosperity. While the PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), it is a project of and for the whole city. In the initial phase, PKC would focus on air, water, health, and sustainable mobility. For more information, visit: <https://www.pkc.org.in/>



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