

Synthesis Meeting on Scientific Foundations of Natural Climate Solutions in Tree Based Systems of LCLUC in South Asia

April 9-11, 2024

Ashoka University

Day	Time	Venue	Session	Speaker	Title
1	9:00-9:15	Dr Reddy's Auditorium	Opening and Welcome	Menon	
				Vadrevu	
	9:15-9:45		Overview of the SARI Network	Vadrevu	
	9:45-10:00		Charge to the Meeting	Skole	
1	10:00-11:30		Theme 1: Leveraging Trees Inside and Outside of Forest, Integration of Social and Biophysical Data	Fleischman	Human well-being outcomes of trees outside of forests: What we know, what we don't know, what we think we know
				Sankaran	Savanna Dynamics: Balancing Tree Cover for Ecosystem Resilience and Community Well-Being
				Khanwilkar	Assessing Forest Health and Degradation in Agricultural Landscapes: A Case Study from the Central Indian Highlands
				Ramprasad	Opportunities for community participation in restoration
				Vasan	Trees, Tenures, and the Field/Forest Boundary: Navigating the Nexus of Agricultural Landscapes and Forest Restoration in South Asia
	11:30-11:45	Auditorium Corridor	Tea Break		
1	11:45-1:15	Dr Reddy's Auditorium	Theme 2: Observations of Forest Cover and Trees Outside of Forest: Trends and Drivers	Wynne/Thomas	Household drivers and height characteristics of smallholder tree plantations
				Sudhira HS	Enhancing methods for monitoring trees outside forests – Investigating Biodiversity outside forests and landownership patterns
				Gray	Mapping ToF: opportunities and challenges with modern data and algorithms

Day	Time	Venue	Session	Speaker	Title
				Chandra	Latest Assessment of Forest Resources in India & Data Collection of Trees Outside Forest (TOF) Inventory
				Jain	Agricultural Land and its contribution to GHG emissions
				Ravishankar	Role of multispectral drone technology and open-source AI play in enhancing the adoption of agroforestry models by farmers in India
	1:15-2:15	Black Box PFA	Buffet Lunch		
1	2:15-3:45	Dr Reddy's Auditorium	Theme 3: Nature Based Solutions (NbS) in South Asia.	DeFries	Outcomes of VCM afforestation projects in India for livelihoods and tree cover
				R.Singh	Promoting Trees Outside Forests in South Asian Agricultural Landscapes: Policy Analysis and Pathways for Implementation
				Ashutosh	Unlocking the Potential of Trees Outside Forests: Restoration, Ecosystem Services, and Agricultural Adaptation
				Chhatre	Trees on farms grow under the shadow of forest management priorities
				Anand	Understanding market pathways for agroforestry in India. The key objectives of this presentation will be a) highlight market trends and insights on the demand for wood and allied products; b) understand why industries prefer to use imported wood relative to domestically and c) identify what supply chain challenges need to be addressed to make local production competitive and make recommendations for the implementation of agroforestry models.
				Bunyan	Catalyzing Tree Cover Expansion in South Asian Agricultural Landscapes: The TOFI Project and Perspectives on Trees Outside Forests
				Singha	Understanding economic and market pathways for Agroforestry in India - Component b) farmer preferences and supply of trees in Madhya Pradesh

Day	Time	Venue	Session	Speaker	Title
	3:45-4:15	Auditorium Corridor	Tea Break and Teatime with Students		
1	4:15-5:00	Dr Reddy's Auditorium	Panel Discussion Day 1 Synthesis	Skole, Fleishman, DeFries, Wynne	
	5:00-5:30	Adjourn and Open Break			
	5:30-6:00	Black Box Theatre	Cultural Performance		
	6:00-7:30	Black Box Pre-Functional Area	Hosted Dinner at Ashoka Campus		
		AC 04 – 304	Dinner Keynote	Kumar	Harnessing Agroforestry for Carbon Sequestration and Biodiversity Conservation in South Asia: Challenges and Opportunities
	7:30	Adjourn and Bus to Hotel			
2	9:00-10:30	Dr Reddy's Auditorium	Theme 4: Evidence-based Net Zero Policy Using NbS	Skole	More Carbon Growing on Trees Outside of Forest: carbon intelligence for NbS
				Gundimeda	Incentives for Rural Households to Establish Tree Cover on Agricultural Lands in India
				Dhyani	Trees outside forests as natural climate solutions: Lessons from India & Indonesia
				A.Singh	Strategizing the design of planning support systems to generate equitable, climate-responsive livelihood strategies. Lessons learnt from investigations in land cover change and food insecurity
				Rana	Decision Support Systems Case Study from Himachal Pradesh
				Krishnan	An accidental agro-forest- Intentional introductions of trees into a pastoral system, and unintentional livelihood and conservation consequences in the Nilgiris, Western Ghats
	10:30-11:00	Auditorium Corridor	Tea Break		

Day	Time	Venue	Session	Speaker	Title
2	11:00-12:30	AC 04 303, 305, 309, 310	Concurrent Breakout Sessions		Charge to the Breakout Groups
	12:30-1:30	Black Box PFA	Buffet Lunch		
	1:30-2:00	AC 04 304	Lunch Keynote	Ratnam	Challenging Assumptions: Reevaluating Tree Planting Strategies in Low Tree Cover Ecosystems for Sustainable Land Management and Livelihood Preservation
2	2:00-3:30	AC 04 303, 305, 309, 310	Concurrent Breakout Sessions		Continued
	3:30-4:00	Black box PFA	Tea Break		
2	4:00-5:15	AC 304	Report Back and Discussion Day 2 Synthesis	Rapporteurs	Presentation of Synthesis Discussions: evidence-based policy for climate change mitigation and adaptation
	5:15	Adjourn and Bus to Hotel			
	5:30-6:30	Antilia (1 st Floor Dining)	Poster Session and Hosted Reception at Hotel		
	6:30-7:45	Antilia (1 st Floor Dining)	Hosted Dinner at Hotel		
	7:45-8:15	Antilia (1 st Floor Dining)	Dinner Keynote	Mehra	Integrating Trees Outside Forests in South Asian Agricultural Landscapes: Leveraging Carbon Finance for Climate Resilience and Livelihood Enhancement
	8:15	Adjourn			
3	9:00-10:00	Dr Reddy's Auditorium	Panel Synthesis	Skole, DeFries, Wynne, Thomas, Others TBD	Synthesis of the Meeting discussions: What we know, what we think we know, what we don't know.
	10:00 – 10:15	Auditorium Corridor	Tea Break		
	10:15-11:30	Dr Reddy's Auditorium	Panel Discussion	Vadrevu	Harnessing Trees Beyond the Forests: Remote Sensing Insights into Net Zero Nature-Based Solutions
				Sinha	Exploring the potential of TOFs in Adaptation and Mitigation to Climate Change
				Verma	Harnessing Trees Outside Forests for Climate Resilience: Integrating Socioeconomic and Biophysical Data

Day	Time	Venue	Session	Speaker	Title
				Garg	Nature based Solutions and critical ecological role of Trees Outside Forests
				Kondandapani	Socializing the pixel: Human dimensions of TOF, insights from the Sathyamangalam landscape, southern India
	11:30-12:00	Dr Reddy's Auditorium	Closing Session	Vadrevu	
				Agarwala	
	12:00-1:00	AC 04	Concurrent Lunch and Learn Workshop	Skole	Using satellites to monetize carbon- an interactive session with Prof Skole
				Khanwilkar	Using soundscapes to monetize biodiversity- a workshop on soundscape analysis with Dr. Khanwilkar
	1:00-3:30	Travel by Bus	Optional Field Trip	Anish Sriram	Visit archaeological sites in the vicinity of Ashoka University (Harsana Khurd and Sewli (800-600 BCE) and the Khwaja Khizir Tomb (dated to 1522-1524 CE) – Please sign up for this field trip here