



Tamil Nadu Agricultural University
Coimbatore – 641 003

Dr. M. Rajavel, Ph.D.,
Public Relations Officer
Mobile: 94890 56730

Phone: 0422 - 6611302
Fax: 0422 – 2431821
E-mail: pro@tnau.ac.in

To
The Editor,
Sir,

Date: 27.08.2026

I request that the following message may kindly be published in your esteemed daily:

**TNAU Organised International Workshop on
“Urban Ecosystems-Based Adaptations for Climate Resilience in India”**

Nammazhvar Organic Farming Research Centre (NOFRC), Directorate of Crop Management, Tamil Nadu Agricultural University (TNAU), Coimbatore, organized an International Workshop on “Urban Ecosystems-Based Adaptations for Climate Resilience in India” on 27 August 2026 at TNAU, Coimbatore. The programme provided a platform for interaction, knowledge sharing, and exchange of experiences among experts, scientists, officials, and stakeholders working towards climate-resilient urban ecosystems.

The inaugural session was graced by Dr. P. Rajkumar, Dean (Agrl. Engineering) & In-charge Director, Directorate of Crop Management, who inaugurated the workshop and emphasized the importance of integrating scientific approaches and sustainable technologies into urban climate-resilience planning. Dr. S. Karthikeyan, Director (Natural Resource Management) highlighted the importance of Nature based solutions and ecosystem based approaches in addressing emerging urban environmental challenges. Earlier Dr. P. Murali Arthanari, Professor and Head, NOFRC, welcomed the gathering. Dr. E. Parameswari, Professor of Environmental Sciences and Principal Investigator of the project, presented an overview of the project and outlined its objectives and relevance to climate-resilient urban development. Dr. P. Kalaiselvi, Associate Professor (Environmental Sciences), proposed the vote of thanks.

The technical sessions covered key themes including geospatial technologies for climate-resilient natural resource management, nature-based solutions, urban biodiversity and green infrastructure, urban governance, community participation, low-carbon and climate-resilient urban planning, and the role of industry in sustainable urban climate action.

Officials and representatives from the Coimbatore Municipal Corporation, Public Works Department (PWD), Tamil Nadu Pollution Control Board (TNPCB), Forest Department, Nature Conservation Foundation, non-governmental organizations (NGOs), ICAR–National Bureau of Soil Survey and Land Use Planning (NBSS&LUP), Bangalore, industry, medical officer and TNAU scientists were actively participated in the technical deliberations. Discussions focused on urban biodiversity conservation, ecosystem services, urban forestry, green infrastructure, sustainable urban governance, public health, and heat resilience.

The programme was concluded with a panel discussion and wrap-up session moderated by Dr. V. Davamani, Professor (Environmental Sciences) and Dr. S. Paul Sebastian, Associate Professor (Environmental Sciences), with active participation from experts, stakeholders and TNAU scientists. The deliberations emphasized the need to strengthen climate resilient urban planning through ecological-based adaptation (EbA) technologies viz., wetland conservation, biodiversity conservation, green infrastructures (green roofs and living walls) and urban forestry, tiny forests, porous pavements, rain gardens and bioswales, wetland and floodplain restoration for lowering city temperature, escaping the city from extreme weather, floods, green house gas emission, improving air quality, biodiversity support, energy saving, noise pollution reduction, promoting mental and physical well being. The discussion also highlighted the importance of remote sensing and GIS based solutions for soil degradation and supporting ecosystem restoration. Planting of neem, banyan, pungam, arjun, false ashoka are recommended for highly air polluted areas to mitigate the air pollution and improve the urban environment. The session generated the valuable suggestions and recommendations for strengthening ecosystem-based approaches to urban climate resilience for Coimbatore district of Tamil Nadu.

Public Relations Officer