



Center for Atmospheric And Climate Sciences

Environmental Engineering Division
Department of Civil Engineering, IIT Madras



About Me

I am a passionate and dedicated researcher with a master's degree in Climate Change Adaptation, from the College of Climate Change and Environmental Science, Kerala. With a strong academic foundation and deep interest in understanding environmental systems, I am committed to pursuing a career in research that contributes meaningfully to climate resilience. My drive to explore solutions to environmental challenges motivates me to continuously learn, collaborate, and innovate within the scientific community.

Research Interests

- Research mainly focuses on atmospheric and climate sciences, with a particular interest in VOCs and its role in atmospheric chemistry over contrasting locations in India.
- Investigation of the secondary organic aerosol formation from different VOCs and its implications for air quality and climate.
- To explore the new particle formation processes and their connections to precursor gases under varying atmospheric conditions.

Skills

- Hands-on experience with high resolution laboratory instruments like PTR-MS, SMPS, Gas Analyzers, Aethalometer (AE 33).
- Proficient in MATLAB and Python for data analysis, visualization, and instrument data processing.

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