



Center for Atmospheric And Climate Sciences

Environmental Engineering Division
Department of Civil Engineering, IIT Madras



Present status

I am a postdoctoral researcher at the Southern Ontario Centre for Atmospheric Aerosol Research and the Department of Chemical Engineering and Applied Chemistry, University of Toronto, Canada.

About Me

I completed my PhD at IIT Madras in 2025, specializing in advanced instrumentation and extensive field campaign studies focusing on the hygroscopic properties of atmospheric aerosols. Leveraging my academic expertise and commitment to research excellence, I aim to advance my career in atmospheric science by enhancing our understanding of atmospheric processes and evaluating the impacts of air pollution on air quality, climate change, and human health.

Research Interest

- Research focuses on investigating long-term trends in air pollution, with particular attention to traffic emissions and wildfire events, and their implications for air quality and climate change.
- Currently investigating the spatial distribution of air pollutants across Toronto through field campaigns and utilizing land-use regression models to estimate tailpipe and non-tailpipe traffic emissions and their impacts on urban air quality..



Christi Jose

Ph.D.
2018- 2025

Advisor
Sachin S. Gunthe

Contact Me:
Mob: +1 4374739809
christi.jose@utoronto.ca

