



# Center for Atmospheric And Climate Sciences

Environmental Engineering Division  
Department of Civil Engineering, IIT Madras



## Present status

I am an atmospheric scientist, currently working as a post doctoral researcher at the Research Institute for Sustainability (RIFS) Potsdam, Germany.

## About Me

I obtained my PhD in Atmospheric Sciences from Lancaster University, UK in 2020 focusing on modelling, source attribution and short-term abatement of aerosol pollution episodes in China. I previously did a MS (by research) at IIT Madras in Environmental Engineering focusing on modelling of trace gases over India. After my PhD, I was a postdoctoral fellow at University of Galway, Ireland working on regional and urban scale modelling over UK-Ireland region. I later joined the University of Groningen as an Assistant Professor, Earth & Energy, where I taught courses on Earth System Science and Climate Data analysis and continued my research on atmospheric modelling. I joined RIFS in August 2022 to work on global modelling and source attribution of tropospheric ozone.

## Research Interest

- Global and regional-scale modelling of atmospheric composition, climate, and air quality
- Modelling techniques for source attribution of primary and secondary species (source-tagging, perturbation, global sensitivity analyses)
- Construction of simple emulators of complex atmospheric models to aid effective policymaking



**Tabish Ansari**

M.S.  
2012- 2015

**Advisor**  
Sachin S. Gunthe

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