



Training on

Integrated Assessment For Air Pollution and Greenhouse Gas Mitigation in India using GAINS Model

5-DAY WORKSHOP (September 13-17, 2021)

Speakers

Dr Fabian Wagner

International Institute for Applied Systems Analysis (IIASA), Austria

Robert Sanders

International Institute for Applied Systems Analysis (IIASA), Austria

Prof Sagnik Dey

Centre for Atmospheric Sciences, IIT Delhi

Dr Anil Bhanarkar

National Environmental Engineering Research Institute (NEERI), Nagpur

Dr Dipanjali Majumdar

National Environmental Engineering Research Institute, Kolkata

Dr Ajay Nagpure

World Resources Institute (WRI), Delhi

Dr Pallav Purohit

International Institute for Applied Systems Analysis (IIASA), Austria

Dr Gregor Kieseewetter

International Institute for Applied Systems Analysis (IIASA), Austria

Dr K V George

National Environmental Engineering Research Institute (NEERI), Nagpur

Zbigniew Klimont

International Institute for Applied Systems Analysis (IIASA), Austria

About

TIFAC is organizing a training workshop on 'Integrated Assessment of Air Pollution and GHG Mitigation in India' in collaboration with IIASA, Austria, IIT New Delhi and NEERI, Nagpur. The aim of the workshop is to provide an in-hand experience on integrated assessment approach to mitigate the air pollution and associated co-benefits of GHGs emission reduction using Greenhouse Gas and Air Pollution Interactions and Synergies (GAINS) model developed by IIASA.



International Institute for Applied Systems Analysis, Austria



Indian Institute of Technology, Delhi



Council for Scientific & Industrial Research- National Environmental Engineering and Research Institute, Nagpur



Register now at
www.tifac.org.in

Email

manishkumar2k3@gmail.com

Phone

011-42525657

Detailed Programme

DAY-1

- The science-policy interface on cost-effective air quality Management (AQM) planning
- The GAINS model: Learning the toolbox

DAY-2

- The GAINS Methodology: Activities, sectors, and controls
- Application of GAINS Model for scenario analysis of air quality management: A case study for Delhi

DAY-3

- Air pollution and Health Impacts in India
- Air quality and health impacts in the GAINS model
- PM_{2.5} Source Apportionment in Southeast Asia and application of air quality modelling

DAY-4

- Air Pollution and Emission Inventory
- Cost-effective analysis of air quality management in the GAINS model

DAY-5

- Ambient Air Quality Monitoring System (AAQMS) and Source Apportionment (SA) Network
- Emission Inventory preparation and Scenario Development for GAINS model application in air quality management framework
- Presentation by the participants followed by feedback discussion

About TIFAC

Technology Information, Forecasting and Assessment Council (TIFAC), an autonomous organization under the Department of Science and Technology (DST), GoI was established in 1988. TIFAC is a think tank within the government setup that looks up to technologies on the horizon, assesses the technology trajectories, and supports technology innovation in select areas of national importance.



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A-Wing, Vishwakarma Bhavan, Shaheed Jeet Singh Marg, New Delhi-110016, www.tifac.org.in**