

Workshop on local and regional contribution to air pollution and local radiative balance in Asian developing countries

Guangzhou, China, October 29-31, 2001

Objective

With rapid urbanization and industrialization, many cities in Asia and other developing countries suffer from serious air pollution, which is considered basically as local urban air pollution problem as well as regional and global one. The workshop is aimed to bring researchers and policy makers together with invited experts to jointly analyze the problem and to determine the extent and importance of regional air pollution on the local one. A "local" pollutant, fine particles, is getting a lot of attention, not only because aerosols have effects on human health but also are an important factor in the local radiative balance. A framework of abatement strategy will be drafted and suggested for decision-makers in end of the workshop.

Proposed sessions

1. Oxidants

Photochemical oxidant pollution is nowadays frequently observed in Asian cities, especially in China. It is formed under condition that coal smoke problem is still unsolved while vehicular emission is increasing yearly. Multiple-techniques such as field monitoring, laboratory simulation and modeling are required to understand and to tackle the very complicated problem

2. Aerosol

Aerosol, especially fine particle PM_{2.5}, is major pollutant in cities of both developing and developed countries. Besides degrading urban air quality and visibility, aerosol will have great health implication. Global changes and regional air pollution are also highly related with aerosol problem.

3. Policy

Control of local and regional air pollution is a multi-disciplinary subject, which will bring researchers and policy makers together to discuss an optimized framework of abatement strategy

Venue

Guangzhou Ecological Village, Guangzhou Research Institute of Environmental Protection, Guangzhou, China

Chairpersons

Professor Sjaak Slaniana, The Netherlands Energy Research Foundation ECN, the Netherlands
Professor Yuanhang Zhang, Center of Environmental Sciences, Peking University, Beijing, China

Organizers

Commission of Atmospheric Chemistry of IUPAC
Center of Environmental Sciences, Peking University
Guangzhou Research Institute of Environmental Protection
The Netherlands Energy Research Foundation ECN

Local Organization Committee

Professor Yuanhang Zhang, Director, Center of Environmental Sciences, Peking University
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