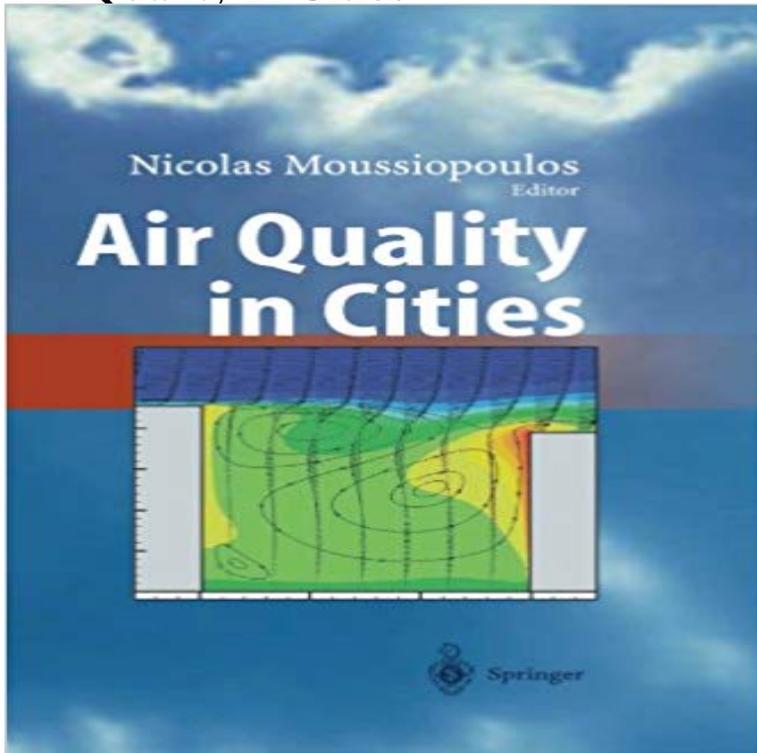


## Air Quality in Cities



Urban areas are major sources of air pollution. Pollutant emissions affecting air quality in cities are considered to have adverse consequences for human health. Public and government concern about environmental issues arising from urban air pollution has increased over the last decades. The urban air pollution problem is widespread throughout the world and it is important to find ways of eliminating or at least reducing the risks for human health. The fundamentals of the physical and chemical processes occurring during air pollutant transport in the atmosphere are nowadays understood to a large extent. In particular, modelling of such processes has experienced a remarkable growth in the last decades. Monitoring capabilities have also improved markedly in the most urban areas around the world. However, neither modelling nor monitoring can solve urban air pollution problems, as they are only a first step in improving useful information for future regulations. The defining of efficient control strategies can not be achieved without a clear knowledge of the complete pollution process, i.e. emission, atmospheric transport and transformation, and deposition at the receptor. Improving our ability to establish valid urban scale source-receptor relationships has been the objective of SA TURN, one of the 14 subprojects of EURO TRAC-2. Similar to the other subprojects of this co-ordinated environmental project within the EUREKA initiative, SA TURN brought together international groups of scientists to work on problems directly related to atmospheric chemistry and physics. The present volume summarises the scientific results of SATURN.

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**State of the Air 2016 Report (PDF version) - American Lung** State of the Air 2016 shows that more than one in two people had unhealthy air quality in their communities. Yet, even as most cities experienced strong **AirNow Air Pollution in USA: Real-time Air Quality Index Visual Map** May 13, 2016 On the WHO's list of the average yearly air pollution in cities around the world, China accounted for 8 of the top 50 locations with the worst air **California Cities Top Air Pollution List, Despite Improvements Here** Apr 18, 2017 According to the American Lung Association's annual State of the Air report, Bakersfield, Calif., holds the top spot for having the most days of **11 U.S. Cities With the Worst Air Pollution - Air Quality In Cities: What You're Actually Breathing In - Forbes** The American Lung Association State of the Air 2015 report ranks the metropolitan areas based on ozone and particle pollution during 2011, 20. The cities are ranked by the air quality in the most polluted county in the metropolitan area. The cities on the list of the **Most Polluted Cities - American Lung Association State of the Air** Air Pollution in the World: Real time Air Quality Index for more than 60 countries. To get more information about a specific city, you can click on the **AQI News for Air Quality in Cities** Air Quality Forecast. Today, Tomorrow. Data Not Available, Data Not Available. AQI - Pollutant Details. Data Not Available, Data Not Available **List of most polluted cities by particulate matter concentration** Apr 19, 2017 Despite California's imposing environmental laws, the state has some of the worst air pollution in the country, reports USA Today via the **U.S. cities with poor air quality - USA Today** May 12, 2016 The world's most polluted cities are in Iran and India, according to the World Health Organization. About 80% of all cities have worse air quality than what's **City Rankings - American Lung Association** This list contains the top 500 cities by PM2.5 annual mean concentration measurement whose measurement is greater than or equal to the air quality guideline **See the Best and Worst Places for Breathable Air in the U.S.** Forecast Discussion: Updated Wednesday, June 14, 2017, 9:50 a.m. **\*\* OZONE HIGH POLLUTION ADVISORY (HPA) IN EFFECT WEDNESDAY & THURSDAY, Earth Day: Cities with most air pollution revealed -** Apr 20, 2017 The American Lung Association's annual State of the Air report lists eight California cities in the top 10 affected by year-round pollution. **AirNow - California Air Quality** Modesto-Merced, Calif. Modesto, located in the San Joaquin Valley, is surrounded by farmland and suffers from agricultural pollution similar to that in Bakersfield and the surrounding areas. It ranks fourth for short-term air particle pollution and seventh for ozone. **These 10 Cities Are Choking On The Planet's Worst Air Pollution** Mar 21, 2017 These are some of the cities with the world's worst air quality, according to a new analysis of four major gases associated with air pollution: **10 US Cities With the Worst Air Pollution - Newser** American Lung Association State of the Air 2014: Most Polluted Cities in America Which U.S. cities have the highest levels of air pollution according to the 2014 **Air Quality - Cities and Counties National Air Quality: Status and** The following spreadsheets provide air quality status and trends for counties and cities, defined as CBSAs (Core-Based Statistical Areas), with monitoring **Pollution Index by City 2017 - Cost of Living** on reducing exposure to extremely high levels of particle pollution is available here. Data from air quality monitors at select U.S. embassies and consulates **Real-time World Air Quality Index** Air Pollution in USA: Real-time Air Quality Index Visual Map 2017-06-16 03:00:00: 55. Boulder City, Clark County, USA **AIRNow - Kansas City, MO Air Quality** A look at the metro areas with the most health-damaging air pollution, according to a report from the American Lung Association. **AirCompare - United States Environmental Protection Agency** Apr 19, 2017 They had no high ozone or high particle pollution days, and were among the 25 cities with the lowest year-round particle levels. Five cities are repeaters: Burlington, Vermont, Cape Coral-Fort Myers, Florida, Elmira-Corning, New York, Honolulu, Hawaii, and Melbourne-Titusville-Palm Bay on Florida's Space Coast. The database contains results of urban outdoor air pollution monitoring from almost 1600 cities in 91 countries. Air quality is represented by annual mean **AIRNow - Mexico City, MX Air Quality** Which U.S. cities have the highest levels of air pollution according to the 2016 State of the Air Report? Find out how your city measures up when it comes to air **10 U.S. Cities With the Cleanest Air -** You are looking at Pollution Index 2017. These indices are historical and they are published periodically. To access current rankings (updated continuously) **City Rankings - American Lung Association State of the Air 2015** The American Lung Association State of the Air 2017 report ranks the metropolitan areas. The cities are ranked by the air quality in the most polluted county in the **Air pollution in America - U.S. cities with the worst air pollution** Forty years after the Clean Air Act, more people are breathing easier. In general, we've seen tremendous improvement in air quality, says Jonathan M. Samet, **The cities with the world's worst air pollution WHO**

- **Business Insider** Jul 11, 2016 The race to improving urban air quality grows ever more urgent **WHO Global Urban Ambient Air Pollution Database (update 2016)** Moderate. Health Message: Unusually sensitive people should consider reducing prolonged or heavy exertion outdoors. **AIRNow - City of Maricopa, AZ Air Quality** Click on the city name for more detailed information. printable summary, FORECAST, CURRENT AQI. Fri Jun 16, Sat Jun 17 **Here are some of the worlds worst cities for air quality Science** Moving to a different city, or planning a vacation? Use AirCompare to find out where and when air quality is better for you. AirCompare maps provide information