



Spatiotemporal Variations in Urban Air Quality of Lahore, Pakistan

By Muhammad Shafiq

Anchor Academic Publishing Mai 2016, 2016. Taschenbuch. Book Condition: Neu. 220x155x11 mm. Neuware - This study reports the air pollution vulnerability mapping of Lahore city and provides information about the vulnerability levels of air pollutants at various places of Lahore. The air quality monitoring activities have been carried out at five places of Lahore and each location is monitored for six air pollutants which are carbon monoxide, sulphur dioxide, nitrogen dioxide, hydrogen sulphide, ammonia and chlorine by a reagent absorption method. The sources and concentrations have been discussed. The data obtained from sampling at various commercial and residential sites is compared against the past year data and the comparison graphs are plotted to show the trend of these air pollutant. The spatial patterns of monthly mean precipitation and monthly mean temperature have been studied. A public survey has been conducted that shows the public awareness in regard to basic information regarding air pollution. In the end some conclusions and recommendations are given for the purpose to maintain a healthy environment for our citizens, support the strategies, to maintain energy independence and promote an effective role in formulating the environmental policies. 168 pp. Englisch.



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