

论文

抚顺市区酸雨分布特征研究

王妍¹,曹炳志²,金永民³

1.中国气象局 北京100081;2.抚顺市洗涤剂化工厂 抚顺113008;3.抚顺市环境保护监测站 抚顺113008

收稿日期 2007-9-1 修回日期 2007-9-30 网络版发布日期 接受日期

摘要 降水酸度在一定程度上反映了降水和大气污染程度。以煤烟型城市抚顺为研究对象,分析了抚顺市区降水污染现状及降水pH值的频率、时间、空间的分布特征,以此为城市环境治理提供参考依据。结果表明:抚顺的酸雨主要出现在10月和12月,降水污染主要受局地影响。降水月平均pH值与同期降水量有关,酸雨频率的季节分布与空气中的SO₂和NO_x浓度的季节分布状况相一致。

关键词 [酸雨](#) [降水](#) [pH值](#) [分布特征](#)

分类号

Study on acid rain distribution characteristics in Fushun

WANG Yan¹ CAO Bingzhi² JIN Yongmin³

1.China Meteorological Administration;Beijing 100081;2.Fushun Chemical Detergent Plant;Fushun 113006;3.Fushun Environmental Protection Bureau;Fushun 113006

Abstract The rainwater acidity could indicate the relationship between rainwater and air pollution.The rainwater pollution situation and rainwater pH distribution characteristics in frequency,time and space in Fushun was studied in this paper,in order to provide the measurements with the urban environmental conservation.The results showed that the acid rain in Fushun mainly appeared in October and December.The rainwater pollution was influenced by local conditions.There was a close relationship between monthly pH distribution and monthly rainfall.And season distributions of acid rain frequency consisted with those of SO₂ and NO_x concentrations.

Key words [Acid rain](#) [Rainwater](#) [pH](#) [Distribution characteristics](#)

DOI:

通讯作者

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(295KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [复制索引](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含“酸雨”的 相关文章](#)

▶ 本文作者相关文章

- [王妍](#)
- [曹炳志](#)
- [金永民](#)