

论文

区域大气环境容量测算及二氧化硫总量平衡分配研究

周昊¹, 李元宜²

1. 辽宁省环境科学研究院 沈阳110031; 2. 辽宁省环境监测中心站 沈阳110031

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摘要 利用CALPUFF中尺度模型模拟计算出来的影响矩阵建立容量模型, 使用专业的数学计算软件Lindo对容量模型进行计算, 在综合考虑中部城市群区域的客观情况下, 得到基于环境容量的辽宁中部城市群SO₂排放总量平衡分配方案, 为环境管理提供科技支撑。

关键词 [大气环境容量](#) [SO₂](#) [排放清单](#) [LINDO](#) [总量控制规划模型](#)

分类号

Research on environmental capacity of the regional atmosphere and the distribution of the total content of sulfur dioxide

ZHOU Hao LI Yuanyi

1. Liaoning Academy of Environmental Sciences; Shenyang 110031; 2. Liaoning Provincial Environmental Monitoring Center; Shenyang 110031

Abstract The capacity model was first built with the influence matrix calculated by the Meso-scale model CALPUFF, whose calculations were completed with professional mathematical software linear interactive and discrete optimizer(LINDO). Considering the objective conditions of the study area, a distribution plan of sulfur dioxide emission was obtained in the middle multi-cities of Liaoning based on the environment capacity, which would provide the science and technology basis for the environment management.

Key words

[Atmosphere environment capacity](#) [Sulfur dioxide](#) [Emission inventory](#) [LINDO](#) [Capacity model](#)

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