

CONTENTS

1. The Influence of Highway-Related Pollutants on Environmental Quality	1
2. Highway Pollutant Monitoring	48
3. Atmospheric Dispersion and Deposition Modelling	100
4. Highway runoff Transport Modelling	131
5. Highway Runoff Quality Environmental Impacts and Control	165
6. Quantitative Determination of Highway Emissions in the Air using Receptor Models	209
7. Human Health Effects of Highway-Related Pollutants	259
8. Effects of Highway Pollutants upon terrestrial Ecosystems	281
9. Noise Pollution	339
10. The Development of Emission Control Technology for Motor Vehicles	376
11. Highway Runoff Quality management by Real Time Control	397
12. Legislation Relating to Highway Pollution	453
APPENDIX: Environmental Quality Standards	501
Index	507