

# 中国环境保謢事業

(1981~1985)

国家环境保护局 编

中国环境科学出版社

1988

## 内 容 简 介

本书系国家环境保护局为总结和宣传我国“六五”计划期间1981～1985的环境保护工作而编写的。包括城市环境综合整治、工业污染防治、自然和农业环境保护、环境管理、环境科研、环境监测、宣传教育以及国际交往等各个方面内容，较为系统地介绍了“六五”计划期间的环境保护工作及其取得的成绩。

书后有十二个附件，汇集了这一时期全国环境保护方面具有重要价值的资料。这本书既是环保工作的经验总结，又是我国环境保护工作的史料。

本书可供从事环境保护、城乡建设和规划、经济管理、工农业生产、水文地质等部门的管理人员、科研人员以及大专院校师生参考阅读。

## 中国环境保护事业

(1981～1985)

国家环境保护局 编

责任编辑 刘永良

中国环境科学出版社出版

北京崇文区东兴隆街69号

北京顺义燕华营印刷厂印刷

新华书店北京发行所发行 各地新华书店经售

1988年9月第一版 开本 850×1168 1/32

1983年9月第一次印刷 印张 14<sup>7/8</sup> 插页 14

印数 001—9,000 字数 369 千字

ISBN7-80010-173-7/X·140

定价 5.50 元

# 写在《中国环境保护事业 (1981~1985年)》一书出版的时候

曲兆平

从1973年第一次全国环境保护会议算起，中国的环境保护事业走过了十五个年头了。1981年至1985年是迅速发展和成绩显著的五年。在这五年里，国家确定了环境保护是一项基本国策，制定了经济建设、城乡建设和环境建设同步发展的指导方针，采取了强化环境管理的许多措施。令人欣慰的是，在我国国民经济迅速发展的同时，环境污染和生态破坏没有相应增长，而是得到一定程度的控制。避免了一些发达国家曾经走过的在经济高速发展的同时，环境污染也随之加重，以至酿成严重的社会公害局面。对我国这样一个发展中国家来说，这种成绩的取得，不是靠大量投资，而主要是靠强化环境管理得到的。它证明了，我们制定的环境保护的方针政策是符合国情的、是正确的。

在这五年中，国务院环境保护委员会的设立是具有重要意义的事情。在李鹏同志强有力的领导下，经过各地区、各部门和环保战线上同志们的努力奋斗，赢得了今天蓬勃发展的新局面。

但是，我们对环境质量状况必须要有清醒的估计，我国的环境污染和生态破坏都是比较严重的，特别是城市的环境质量很差，很不能令人满意。我们面临的形势是严峻的，任务是艰巨的，我们不应有丝毫的松懈。

道路崎岖更堪回首，岁月峥嵘越值回味。认真总结过去的成就、经验和教训，并把它公之于众，以激励环保战线上的同志们

# 目 录

<b>第一章 概 述</b> .....	( 1 )
第一节 有利于环境保护事业发展的政治经济形势	( 1 )
第二节 保护环境列为我国的一项基本国策.....	( 3 )
第三节 提出了同步发展的战略思想.....	( 5 )
第四节 加强环境管理，环境保护取得显著成就和进 展.....	( 9 )
<b>第二章 工业污染防治</b> .....	( 58 )
第一节 工业污染防治战略的发展.....	( 60 )
第二节 工业污染防治的基本途径.....	( 62 )
第三节 工业污染防治的主要成就.....	( 67 )
<b>第三章 城市环境综合整治</b> .....	( 77 )
第一节 城市环境保护工作在发展.....	( 78 )
第二节 城市环境综合整治摆上日程.....	( 89 )
第三节 北京、杭州、苏州、桂林的污染防治工作取 得了成效.....	( 96 )
<b>第四章 自然环境的保护</b> .....	( 103 )
第一节 自然保护工作的历程和“六五”期间的主要 工作.....	( 104 )
第二节 自然保护工作的成绩.....	( 112 )
第三节 水环境的保护.....	( 120 )
第四节 海洋环境的保护.....	( 125 )
<b>第五章 农业环境保护</b> .....	( 130 )
第一节 “六五”期间农业环境面临的问题.....	( 131 )

第二节	积极保护农业生态环境.....	( 132 )
第三节	重视乡镇企业污染防治.....	( 136 )
第四节	“六五”期间开拓性的工作为今后农业环境 保护奠定了良好的基础.....	( 147 )
<b>第六章 环境管理</b>	.....	( 151 )
第一节	环境管理思想的转变和飞跃.....	( 152 )
第二节	环境管理机构的发展.....	( 155 )
第三节	环境法制建设取得很大进展.....	( 161 )
第四节	建立宏观决策机构，加强环境保护宏观管理 .....	( 165 )
第五节	强化管理手段 促进环境建设.....	( 169 )
<b>第七章 环境监测</b>	.....	( 177 )
第一节	全国环境监测网络基本建成.....	( 179 )
第二节	监测技术与管理水平不断提高 .....	( 185 )
第三节	监测为管理和科研服务.....	( 190 )
<b>第八章 环境保护科学研究</b>	.....	( 192 )
第一节	环境保护科研工作的发展，科研体系的逐步 形成 .....	( 193 )
第二节	科研队伍迅速壮大，建成一批骨干研究所 .....	( 196 )
第三节	丰硕的成果 .....	( 204 )
<b>第九章 环境宣传教育</b>	.....	( 210 )
第一节	国家领导重视环境宣传教育工作 .....	( 212 )
第二节	大力开展环境宣传工作 .....	( 215 )
第三节	着眼人才培训，做好环境教育工作 .....	( 221 )
<b>第十章 环境保护的国际交往</b>	.....	( 225 )
附件 1	1981～1985年环境保护工作大事记 .....	( 232 )
附件 2	主要环境数据汇总表 .....	( 242 )
1.	“六五”期间工业废水处理情况 .....	( 242 )

2.	“六五”期间锅炉、工业炉窑改造情况	( 244 )
3.	“六五”期间工业废渣处理利用情况	( 245 )
4.	“六五”期间“三废”综合利用情况	( 246 )
5.	“六五”期间污染治理资金使用情况	( 246 )
6.	“六五”期间排污费征收、使用情况	( 247 )
7.	“六五”期间工业粉尘回收情况	( 248 )
8.	“六五”期间环保系统自身建设情况	( 248 )
9.	工业“三废”排放情况	( 250 )
10.	工业废水中的有害物质	( 251 )
11.	“六五”期间空气污染年际比较	( 252 )
12.	“六五”期间空气污染变化趋势统计分析	( 255 )
13.	“六五”期间“三同时”执行情况	( 256 )
14.	“六五”期间治理项目统计	( 256 )
附件 3 “六五”期间全国人大和国务院颁布的环境 法规名录		( 257 )
1.	全国人大常委会颁布的环境法规	( 257 )
2.	国务院“六五”期间发布的有关环境保护工作的规 定、条例和通知	( 257 )
附件 4 国家“六五”计划期间颁布的环境保护标准 名录		( 258 )
附件 5 国家、省市及部委环境保护机构		( 262 )
1.	国务院环境保护委员会成员表(截止1985底)	( 262 )
2.	国家环境保护局机构一览表	( 265 )
3.	各省、自治区、直辖市环保机构	( 265 )
4.	各部、委、局环境保护机构	( 266 )
5.	国家环保局直属事业单位	( 268 )
附件 6 国家、省市和各部委的环境科研机构		( 270 )
1.	国务院各部委环境科学研究院	( 270 )
2.	国家环境保护局直属的环保院所	( 271 )

3.	国家环保局与有关单位双重领导的环保院所.....	( 271 )
4.	省(市、区)一级环保研究所(一般隶属于省、市、 区环保局) .....	( 271 )
5.	计划单列城市环保研究所 .....	( 272 )
6.	省辖市环保研究所(一般隶属于省辖市环保局) .....	( 272 )
4.	附件 7 全国环境监测机构.....	( 273 )
1.	环保系统环境监测机构 .....	( 273 )
2.	各部委监测中心站 .....	( 274 )
3.	“六五”期间全国建成的64个重点环境保护监测站 .....	( 274 )
4.	“六五”期间全国建成的23个市级大气自动监测站 .....	( 275 )
附件 8	“六五”期间重要科研成果名录.....	( 275 )
1.	国家科学技术进步奖评审委员会评定核准的有关环境 保护的国家级科学技术进步奖 .....	( 275 )
2.	国家环保局科学技术进步奖评审委员会评定核准的部 级环境保护科学技术进步奖 .....	( 278 )
附件 9	“六五”期间发行的环境保护方面的杂志目 录.....	( 306 )
附件10	国家重点保护野生动物名录.....	( 308 )
附件11	国家重点保护植物名录.....	( 330 )
附件12	中国自然保护区统计表.....	( 插页 )
	国家级自然保护区名录.....	( 387 )
	中国人与生物圈自然保护区名录.....	( 389 )
	中国自然保护区名录.....	( 390 )
编后记	.....	( 454 )

## **Contents**

### Preface to "Environmental Protection in China (1981~1985)"

<b>Chapter I</b>	<b>Introduction</b>	( 16 )
Section 1	The political and economic situation favourable to the development of environmental protection .....	( 17 )
Section 2	Protecting environment—a basic national policy.....	( 23 )
Section 3	The strategic thinking of synchronous development .....	( 29 )
Section 4	Outstanding achievements and progress in environmental protection made by strengthening environmental management .....	( 37 )
<b>Chapter II</b>	<b>The prevention and treatment of industrial pollution</b>	( 58 )
Section 1	The development of the stra- tegy for preventing and trea- ting industrial pollution .....	( 60 )

Section 2	Basic ways to prevent and treat industrial pollution.....	( 62 )
Section 3	Main achievements in the prevention and treatment of industrial pollution.....	( 67 )

## **Chapter I Comprehensive treatment of urban environment..... ( 77 )**

Section 1	Urban environmental protection is developing. ....	( 78 )
Section 2	Comprehensive treatment of urban environment has been put on agenda. ....	( 89 )
Section 3	Successes have been achieved in the prevention and treatment of pollution in Beijing, Hangzhou, Suzhou and Guilin. ....	( 96 )

## **Chapter IV Natural Environmental protection..... ( 103 )**

Section 1	The course of protecting nature and the main tasks during the period of the Sixth Five-Year-Plan .....	( 104 )
Section 2	Achievements of protecting nature.....	( 112 )
Section 3	The protection of water environment .....	( 120 )
Section 4	The protection of marine environment.....	( 125 )

**Chapter V Agricultural Environmental protection..... ( 130 )**

- Section 1 The problems confronting agricultural environment during the period of the Sixth Five-Year-Plan ..... ( 131 )
- Section 2 Actively protecting agricultural ecologic environment ..... ( 132 )
- Section 3 Attention is paid to the prevention and treatment of pollution in village-or-town owned enterprises. ..... ( 136 )
- Section 4 The creative work done during the period of the Sixth Five-Year-Plan paved the way for agricultural environmental protection in the future. ..... ( 147 )

**Chapter VI Environmental management ..... ( 151 )**

- Section 1 The change and the leap in the thinking of environmental management ..... ( 152 )
- Section 2 The development of the institutions of environmental management ..... ( 155 )
- Section 3 Great progress in legal construction concerning environ-

	ment .....	( 161 )
<b>Section 4</b>	Setting up macro-decision making bodies, strength- ening macro-managemnt of environmental protection .....	( 165 )
<b>Section 5</b>	Intensifing managerial means improving environmental construction .....	( 169 )
<b>Chapter VII</b>	<b>Environmental monitoring.....</b>	( 177 )
<b>Section 1</b>	The national network of en- vironmental monitoring has been basically formed.....	( 179 )
<b>Section 2</b>	Monitoring technique and management level is being improved continuously.....	( 185 )
<b>Section 3</b>	Monitoring serves manage- ment and scientific research .....	( 190 )
<b>Chapter VIII</b>	<b>Scientific research on envi- ronmental protection.....</b>	( 192 )
<b>Section 1</b>	The development of the sci- entific research on environ- mental protection and the formation of the set up of seie ntific research .....	( 193 )
<b>Section 2</b>	The contingent of the sci- entific research develops rapid- ly,a number of backbone ins- titutions have been built.....	( 196 )

Section 3	Abundant results.....	( 204 )
<b>Chapter IX</b>	<b>Propaganda and education in environmental protection</b>	
	.....	( 210 )
Section 1	State leadership attaches great importance to propaganda and education in environmental protection. .....	( 212 )
Section 2	Environmental propaganda is vigorously carried out. ....	( 215 )
Section 3	Do a good job in environmental education so as to train talented persons. ....	( 221 )
<b>Chapter X</b>	<b>International exchanges in environmental protection.....</b>	( 225 )
Appendix I	Big events concerning environmental protection (1981-1985).....	( 232 )
Appendix II	Lists of main environmental data .....	( 242 )
1.	Information about the processing of industrial waste water during the period of the Sixth Five-Year-Plan .....	( 242 )
2.	The transformation of boilers and industrial kilns during the period of the Sixth Five-Year-Plan .....	( 244 )
3.	The processing and utilizing of the industrial waste residue during the period of the Sixth Five-Year-Plan.....	( 245 )

4. Comprehensive utilization of the "three wastes" during the period of the Sixth Five-Year-Plan ..... ( 246 )
5. The distribution of the fund for pollution treatment during the period of the Sixth Five-Year-Plan ..... ( 246 )
6. Information about taxing on the discharge of pollutants and the expending of the taxes during the period of the Sixth Five-Year-Plan ..... ( 247 )
7. The recovery of industrial dust during the period of the Sixth Five-Year-Plan ..... ( 248 )
8. The construction of environmental protection set up itself during the period of the Sixth Five-Year-Plan ..... ( 248 )
9. The discharge of industrial "three wastes" ..... ( 250 )
10. Harmful materials contained in industrial waste water ..... ( 251 )
11. Comparison between years of air pollution during the period of the Sixth Five-Year-Plan ..... ( 252 )
12. Statistics and analyses of the tendency of air pollution during the period of the Sixth Five-Year-Plan ..... ( 255 )
13. The implementation of the "three synchronizations" during the period of the Sixth Five-Year-Plan ..... ( 256 )
14. Statistics of the projects concerning environ-

mental pollution treatment during the period of the Sixth Five-Year-Plan ..... ( 256 )

**Appendix III Environmental law issued by the National people's congress and the State Council during the period of the Sixth Five-Year-Plan ..... ( 257 )**

1. Environmental laws and regulations issued by the Standing Committee of the National People's Congress..... ( 257 )
2. Stipulations, regulations and circulars concerning environmental protection issued by the State Council during the period of the Sixth Five-Year-Plan ..... ( 257 )

**Appendix IV Standards of environmental protection issued by the state during the period of the Sixth Five-Year-Plan ..... ( 258 )**

**Appendix V Institutions of environmental protection at state, provincial, municipal and ministerial levels ..... ( 262 )**

1. A name list of the members of the Commission of Environmental protection under the State Council ..... ( 262 )
2. The schedule of the National Environmental protection Bureau ..... ( 265 )

3. Environmental protection organs in various provinces, autonomous regions and municipalities directly under the central government ..... ( 265 )
4. Environmental protection organs in various ministries, Commissions and bureaus ..... ( 266 )
5. Institutions directly under the National Environmental Protection Bureau ..... ( 268 )

Appendix VII Environmental scientific research institutions at state, provincial, municipal and ministerial levels ..... ( 270 )

1. Environmental scientific research institutions in various ministries and commissions under the State Council ..... ( 270 )
2. Environmental protection research institutions directly under the National Environmental Protection Bureau ..... ( 271 )
3. Environmental protection research institutions under dual leadership of the National Environmental Protection Bureau and departments concerned ..... ( 271 )
4. Environmental protection research institutions at provincial, municipal and regional levels (usually under environmental protection bureaus of provinces, municipalities and autonomous regions) ..... ( 271 )
5. Environmental protection research institutions under the cities with independent budget

..... ( 272 )

6. Environmental protection research institutions under provincially governed cities(usually under environmental protection bureaus of those cities) ..... ( 272 )

## **Appendix VII National environmental monitoring institutions..... ( 273 )**

1. Environmental monitoring units in the setup of environmental protection ..... ( 273 )
2. Monitoring centers in various ministries and commissions ..... ( 274 )
3. 64 key monitoring centers of environmental protection built during the period of the Sixth Five-Year-Plan ..... ( 274 )
4. 23 automatic atmospheric monitoring centers at city level built during the period of the Sixth Five-Year-Plan ..... ( 275 )

## **Appendix VIII A list of important results of scientific research during the period of the Sixth Five-Year-Plan..... ( 275 )**

1. Awards at state level on scientific and technological progress concerning environmental protection evaluated and approved by the appraisal panel of the above mentioned awards ..... ( 275 )
2. Awards at ministerial level on scientific and technological progress concerning environmental protection evaluated and approved

by the appraisal panel of the above mentioned awards directly under the National Environmental Protection Bureau .....	( 278 )
Appendix IX A list of journals on environmental protection issued during the period of the Sixth Five-Year-Plan .....	( 306 )
Appendix X A list of wild animals under special protection by the state.....	( 308 )
Appendix XI A list of plants specially protected by the state .....	( 330 )
Appendix XII A statistical chart of natural protection zones in China.....	( 插页 )
Postface.....	( 454 )