

CONTENTS

INTRODUCTION	5
1. EXECUTIVE SUMMARY	7
1.1 Introduction	7
1.2 National Circumstances	7
1.3 Emission Inventories	9
1.4 Emission Mitigation Measures	10
1.5 Emission Projections and Overall Benefits of Policies and Measures	12
1.6 Estimate of Vulnerability, Impacts of Climate Change and Adaptation Measures	13
1.7 Financial Sources and Transfer of Technology	14
1.8 Research and Systematic Observation	14
1.9 Environmental Education And Public Awareness	15
2. NATIONAL CIRCUMSTANCES	17
2.1 Structure of the State Administration	17
2.2 International Activities	17
2.3 Population	18
2.4 Geography	18
2.5 Protection of the Environment	19
2.6 Climate	21
2.7 Economy	24
2.8 Energy Production	26
2.9 Transportation	27
2.10 Industry	28
2.11 Waste	28
2.12 Regional Development	30
2.13 Agriculture	30
2.14 Forestry	32
3. INVENTORIES OF EMISSIONS OF GREENHOUSE GASES	35
3.1 Emissions of Greenhouse Gases	35
3.2 Emissions of Carbon Dioxide	36
3.3 Emissions of Methane and Nitrous Oxide	39
3.4 Emissions of HFCs, PFCs and SF ₆	41
3.5 Aggregated Emissions	43
4. MEASURES TO MITIGATE EMISSIONS OF GREENHOUSE GASES	45
4.1 Evaluation Method	45
4.2 Process of Preparation of Measures	45
4.3 Measures and Their Benefits	46
4.4 Measures Not Yet Implemented	56
5. EMISSION PROJECTIONS AND OVERALL BENEFITS OF MEASURES	61
5.1 Emission Projections	61
5.2 Estimation of Benefits of Selected Measures	61
5.3 Methodology	65
5.4 Sensitivity Analysis	81

6. ESTIMATES OF VULNERABILITY, IMPACTS AND ADAPTATION MEASURES . . .	83
6.1 Water Resources	84
6.2 Agriculture	87
6.3 Forest Management	91
7. FINANCIAL SOURCES AND TRANSFER OF TECHNOLOGIES	95
8. RESEARCH AND SYSTEMATIC OBSERVATION.	97
8.1 Organization and Financing	97
8.2 Research	98
8.3 Systematic Observation	99
9. ENVIRONMENTAL EDUCATION AND PUBLIC AWARENESS	101
9.1 General Policy	101
9.2 Educational System	102
9.3 Public Information Campaigns	102
9.4 Related Legislation	104
9.5 International Activities	105
APPENDIX I GHG EMISSION INVENTORIES FOR THE 1990–1999 PERIOD	107
APPENDIX II GHG EMISSION PROJECTIONS FOR THE YEARS 2000, 2005, 2010 AND 2020	119