

# Contents

<b>List of Tables .....</b>	<b>9</b>
<b>List of Figures.....</b>	<b>11</b>
<b>I Introduction .....</b>	<b>13</b>
1 Observations, Questions, Relevance .....	13
2 State of Research .....	16
3 Map of Argument and Outline .....	18
<b>II Demand for and Supply of Environmental Cooperation .....</b>	<b>27</b>
1 Environmental Situation and Development .....	27
2 Six Exigent Transnational Environmental Problems .....	28
3 Typical Characteristics of Developing Areas .....	32
3.1 Socio-Economy .....	32
3.2 Environmental Governance .....	33
4 ASEAN – A Distinct Feature of Southeast Asia .....	34
5 Regime Creation .....	38
5.1 Assumptions and Expectations .....	38
5.2 Identified Regimes .....	42
<b>III Regime Theory .....</b>	<b>45</b>
1 Regimes and International Relations .....	45
2 Definition .....	46
3 Functions .....	47

4 Evolution of (Environmental) Regime Theory .....	47
5 Regime Effectiveness (dependent variable) .....	50
5.1 Definition of Effectiveness .....	50
5.2 Analytical Dimensions .....	52
5.2.1 Impact Effectiveness: Problem-solving .....	52
5.2.2 Institutional Effectiveness: Behavioral Change .....	52
6 Theoretical Assumptions (independent variables) .....	53
6.1 Actors and the International System .....	54
6.2 Premises of Regime Creation .....	55
6.3 Configuration and Interplay of Variables .....	56
6.4 Variable 1: Problem Structure .....	57
6.4.1 Benign and Malign Problems .....	57
6.4.2 Vulnerability and Abatement Costs .....	58
6.4.3 Game-theoretical Constellations .....	61
6.5 Variable 2: Problem-Solving Capacity .....	64
6.5.1 Compliance Mechanisms .....	65
6.5.2 Available Resources .....	67
6.5.3 Decision-Making Rules and Actor Capacity .....	68
6.6 Alternative Theoretical Approaches .....	69
6.6.1 Relative Gains and Hegemonic Power .....	69
6.6.2 Learning Effects and Epistemic Communities .....	72
7 Hypotheses - Overview .....	74
<b>IV Methodology .....</b>	<b>75</b>
1 Case Study Research .....	75
2 Case Selection .....	77
3 Measurement Strategy .....	79
4 Operationalization .....	81
5 (Un)expected Difficulties .....	85
5.1 Definitorial Ambiguities .....	85
5.2 The Inevitability of Making Causal Statements .....	85
5.3 Debated Measurement Parameters .....	86
5.4 Data Sorrows .....	87
<b>V Case Study One: Transboundary Haze Pollution .....</b>	<b>89</b>

1 Introduction to the Problem .....	89
1.1 Haze Pollution .....	89
1.2 Demand for Cooperation .....	93
2 Problem Structure .....	95
2.1 Problems of Negative Externalities .....	95
2.2 Problem Complexity .....	97
2.3 Vulnerability and Abatement Costs .....	99
2.4 Results: Actors' Constellations .....	103
2.4.1 Position of Actors in the Haze Regime .....	103
2.4.2 Problem Malignancy .....	105
3 Problem-Solving Capacity of the Regime .....	108
3.1 Composition of the Haze Regime .....	108
3.2 The ASEAN Agreement and its Predecessors .....	109
3.3 The Problem of Indonesia's (non-)Ratification .....	112
3.4 Provisions of the Agreement .....	113
3.4.1 General Provisions .....	113
3.4.2 Institutional Arrangements .....	114
3.4.3 Proposed Measures .....	115
3.5 Compliance Mechanisms .....	116
3.6 Available Resources .....	119
3.7 Decision-Making Rules and Actor Capacity .....	123
4 Assessment of Regime Effectiveness .....	125
4.1 Actual Performance Compared to Collective Optimum .....	126
4.2 Actual Performance Compared to No-Regime Counterfactual .....	133
5 Case Summary .....	137
<b>VI Case Study Two: Common Use of the Mekong .....</b>	<b>139</b>
1 Introduction to the Problem .....	139
1.1 Mekong: The Mother of Rivers .....	139
1.2 Socio-Economy of the Riparian Countries .....	141
1.3 Demand for Cooperation .....	143
1.4 Thematic Scope of Analysis: Hydropower Development .....	145
2 Problem Structure .....	146
2.1 Problems of Common Pool Resources .....	146
2.2 One, Two, Three Regimes? .....	147
2.3 Problem Complexity .....	149
2.4 Vulnerability and Abatement Costs .....	150

2.4.1 Upstream-Downstream Asymmetry .....	150
2.4.2 Economic Importance of the Mekong .....	152
2.5 Results: Actors' Constellations .....	156
2.5.1 Position of Actors .....	156
2.5.2 Problem Malignancy .....	158
3 Problem-Solving Capacity .....	161
3.1 Composition and Development of the Mekong Regime .....	161
3.2 Institutional Set-up .....	163
3.2.1 Statute of the Mekong River Commission .....	163
3.2.2 Organizational Structure .....	164
3.3 Determinants of Effectiveness .....	167
3.3.1 Compliance Mechanisms .....	167
3.3.2 Available Resources .....	170
3.3.3 Decision-Making Rules and Actor Capacity .....	173
4 Assessment of Regime Effectiveness .....	177
4.1 Actual Performance Compared to Collective Optimum .....	177
4.2 Actual Performance Compared to No-Regime Counterfactual .....	183
5 Case Summary .....	186
<b>VII Comparison and Reflection: a Conclusion .....</b>	<b>189</b>
<b>References .....</b>	<b>201</b>
1 Monographs, Chapters and Journal Articles .....	201
2 Documents, Reports, Multimedia .....	212
3 Newspapers .....	215
4 Interviews .....	216