



TABLE OF CONTENTS

List of Tables	viii
List of Figures	xiv
List of Appendices	xvi
Glossary	xvii
1. INTRODUCTION	1
1.1. Forest Fire Discourses in Media	1
1.2. Problems' Definition	3
1.3. Outline of the Study	4
2. INDONESIAN FOREST FIRE AND ITS GLOBAL CONSEQUENCES	7
2.1. Indonesia as the Focused Country's Study	7
2.2. El Nino Phenomenon and Forest Fire	9
2.3. The Characteristics of Indonesian Peat Forests	10
2.4. The Natural Factors as Cause of Forest Fire	10
2.5. The Human Factors as Cause of Forest Fire	11
2.6. Fire Disaster and Forest Degradation	13
2.7. Forest Fire Cycle in Indonesia	15
2.8. Forest Fire's Impacts to the Green House Gases Emission	18
2.9. Air Pollution Affected by Forest Fires	20
3. THEORETICAL FRAMEWORK	23
3.1. Media	23
3.2. Discourse	24
3.3. The Role of Scientists in Policy-Making	27
3.4. Interests	28
3.5. Information and Power.....	29
3.6. Globalization.....	31



3.7.	Framing and Agenda-setting	33
3.8.	Policy Instruments	36
3.9.	Policy Making	38
3.10.	Research Questions.....	39
4.	RESEARCH METHODOLOGY	47
4.1.	The Study Framework	47
4.2.	Why Choosing Indonesia as The Focal Area of Study? ..	48
4.3.	Analytical Methods and Resesarch Procedures.....	49
4.4.	Selecting Media	49
4.4.1.	Global Media	49
4.4.2.	International Journals	50
4.4.3.	National Media	52
4.4.4.	National Journals	53
4.5.	Content Analysis	55
4.5.1.	Developing Category System	56
4.5.2.	Coding	58
4.6.	Stakeholder Interviews	59
4.7.	Discourse Analysis	61
4.8.	Comparative Analysis	63
4.8.1.	Comparison between Global and National Media	63
4.8.2.	Comparison between Media and Stakeholder's Perception	63
5.	RESULTS AND DISCUSSIONS	65
5.1.	Media Discourse on Forest Fire.....	65
5.1.1.	Global Media Discourse on Forest Fire.....	65
5.1.1.1	Distribution of Articles and Statements	65
5.1.1.2	Events	69
5.1.1.3	Speakers.....	73
5.1.1.4	Interest Positions	77
5.1.1.5	Solutions of Problem.. ..	84
5.1.1.6	Risk Evaluation.....	87
5.1.1.7	Frames.....	89



5.1.2.	National Media Discourse on Forest Fire.....	91
5.1.2.1	Distribution of Articles and Statements	91
5.1.2.2	Events	93
5.1.2.3	Speakers	96
5.1.2.4	Interest Positions	99
5.1.2.5	Solutions of Problems.....	108
5.1.2.6	Risk Evaluation	111
5.1.2.7	Frames	112
5.1.3.	Discussion: Comparison between Global and National Media	115
5.1.3.1	Perspectives of Media towards Forest Fire	115
5.1.3.2	The Role of Scientists in Media	116
5.1.3.3	Forest fire: global or local concerns? ...	119
5.1.3.4	Interest Positions	121
5.1.3.5	Frames	123
5.2.	Scientific Discourse on Forest Fire	124
5.2.1.	Global Scientific Discourses on Forest Fire	124
5.2.1.1	Distribution of Articles and Statements	124
5.2.1.2	Events	125
5.2.1.3	Authors and Speakers	127
5.2.1.4	Interest Positions	131
5.2.1.5	Solutions of Problems	136
5.2.1.6	Risk Evaluation	140
5.2.1.7	Frames	142
5.2.2.	National Scientific Discourse on Forest Fire	144
5.2.2.1	Distribution of Articles and Statements	144
5.2.2.2	Events	145
5.2.2.3	Autors and Speakers	146
5.2.2.4	Interest Positions	149
5.2.2.5	Solutions of Problems	154
5.2.2.6	Risk Evaluation	156
5.2.2.7	Frames	158



5.2.3	Discussion: Comparison Between International and National Journals	160
5.2.3.1	Perspectives of Scientific Media toward Forest Fires	160
5.2.3.2	Roles of Forest Science in the Scientific Discourse on Forest Fires	161
5.2.3.3	Hegemony of High-Income Countries on Scientific Discourse	162
5.2.3.4	Interest Positions	166
5.2.3.5	Frames	167
5.3.	Stakeholders' Perception on Forest Fires	168
5.3.1.	Levels of Importance of Forestry Issues	168
5.3.2.	Stakeholders' Perception: Media and Policy Agenda-Setting	173
5.3.3.	Whose Actors Perceived Positive and Negative Image from Forestry Issues?	175
5.3.4.	Stakeholders' Perceptions toward Causes of Forest Fires in Indonesia	177
5.3.5.	Stakeholders' Perceptions toward Solutions of Problem	179
5.3.6.	Are Forest Fire Responsible for Global Climate Change?	181
5.3.7.	Frames of Stakeholders' Perceptions toward Forest Fire Issues in Indonesia	182
5.4.	Discussion: comparison between Media and Stakeholders' Perspectives	184
5.4.1.	The Role of Actors in Decision Making	184
5.4.2.	Perspectives of Media and Stakeholders: Human vs. Nature	187
5.4.3.	Causes of Problem on Forest Fire: Media vs. Stakeholders' Perspective	188
5.4.4.	Instruments of Solution of Problems on Forest Fire: Media vs. Stakeholders' Perspective	189
5.4.5.	Framing of Forest Fire Issues: Media vs. Stakeholders' Perspectives	190
6.	Conclusion	193
6.1.	Features of Forest Fire Discourse in Media and Stakeholders' Perception	193
6.1.1.	Common Features	193
6.1.2.	Different Features	195



Table of Contents

6.2.	Imbalance Perspectives in Media Discourses	196
6.3.	Knowledge Utilization in Policy-Making	198
6.4.	Asymmetrical Perspectives Concerning Forest Fire Issues in Media Discourses and Stakeholders' Perception	200
	Summary	203
	References	209
	Appendices	217
	Curriculum Vitae	221