

Content

Acknowledgement .....	.....	.....	.....	.....	.....	.....	.....	.....	v
Summary .....	.....	.....	.....	.....	.....	.....	.....	.....	ix
Acronyms .....	.....	.....	.....	.....	.....	.....	.....	.....	xix
CHAPTER ONE: Background and context	.....	.....	.....	.....	.....	.....	.....	.....	1
1.1 Initial observations in Dormaa .....	.....	.....	.....	.....	.....	.....	.....	.....	1
2.1 Definitions of key terms .....	.....	.....	.....	.....	.....	.....	.....	.....	2
1.2.1 <i>Natural environment</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	2
1.2.2 <i>Environmental governance</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	2
1.2.3 <i>Livelihood and livelihood strategy</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	3
1.2.4 <i>Institution</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	3
1.2.5 <i>Right</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	4
1.2.6 <i>Statutory and customary institutions</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	4
1.2.7 <i>Interaction</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	5
1.2.8 <i>Quotation presentation and referencing</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	5
1.3 Unresponsiveness of environmental governance to institutional interaction .....	.....	.....	.....	.....	.....	.....	.....	.....	6
1.4 Study aim and objectives .....	.....	.....	.....	.....	.....	.....	.....	.....	8
1.5 Study scope and assumptions .....	.....	.....	.....	.....	.....	.....	.....	.....	9
1.6 Multiplicity of institutions shaping environmental behaviour .....	.....	.....	.....	.....	.....	.....	.....	.....	12
1.7 Organisation of report .....	.....	.....	.....	.....	.....	.....	.....	.....	14
CHAPTER TWO: Study methodology .....	.....	.....	.....	.....	.....	.....	.....	.....	17
2.1 Introduction .....	.....	.....	.....	.....	.....	.....	.....	.....	17
2.2 Methodology principles .....	.....	.....	.....	.....	.....	.....	.....	.....	17
2.3 Case study and underpinning principle .....	.....	.....	.....	.....	.....	.....	.....	.....	18
2.4 Interpretivist perspective and underpinning principle .....	.....	.....	.....	.....	.....	.....	.....	.....	20
2.5 Social constructionism basis of study .....	.....	.....	.....	.....	.....	.....	.....	.....	22
2.6 Units of analysis .....	.....	.....	.....	.....	.....	.....	.....	.....	23
2.7 Data collection methods .....	.....	.....	.....	.....	.....	.....	.....	.....	24
2.7.1 <i>Communities and discussion partners</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	24
2.7.2 <i>In-depth individual discussions</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	27
2.7.3 <i>Group discussions</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	29
2.8 Methodological challenges .....	.....	.....	.....	.....	.....	.....	.....	.....	32
CHAPTER THREE: Dormaa and its customary property right regime .....	.....	.....	.....	.....	.....	.....	.....	.....	34
3.1 Introduction .....	.....	.....	.....	.....	.....	.....	.....	.....	34
3.2 Dormaa: people and meaning .....	.....	.....	.....	.....	.....	.....	.....	.....	34
3.3 Location of Dormaa Municipality and Dormaa East district .....	.....	.....	.....	.....	.....	.....	.....	.....	35
3.4 Study area vegetation and agriculture .....	.....	.....	.....	.....	.....	.....	.....	.....	36
3.5 Dormaa epistemology of life and nature .....	.....	.....	.....	.....	.....	.....	.....	.....	39
3.5.1 <i>Subject</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	39
3.5.2 <i>Community and ancestry in knowing</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	39
3.5.3 <i>Unbroken relationship between generations</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	40

3.6	Dormaa ethnic grouping and social structure	....	....	....	42
3.6.1	<i>Dormaa clan</i>	....	....	....	42
3.6.2	<i>Matrilineal inheritance</i>	....	....	....	42
3.6.3	<i>Social (kinship) system</i>	....	....	....	43
3.7	Dormaa customary property right regime	....	....	....	47
3.7.1	<i>Structure and hierarchy</i>	....	....	....	47
3.7.2	<i>Categories of rights in Dormaa customary land</i>	....	....	....	49
3.7.3	<i>Contents of rights in customary land</i>	....	....	....	52
3.8	Spatial description of Ghana	....	....	....	54
CHAPTER FOUR: Discourse on governance					56
4.1	Introduction	....	....	....	56
4.2	Conceptual definitions of governance	....	....	....	56
4.3	Debate on shifts in governance	....	....	....	59
4.3.1	<i>Subject</i>	....	....	....	59
4.3.2	<i>Society-centred governance</i>	....	....	....	60
4.3.3	<i>State-centred governance</i>	....	....	....	63
4.3.4	<i>Reconciled position</i>	....	....	....	66
4.4	Reconstitutiveness of human action and governance institutions	....	....	....	68
4.5	Concluding remarks	....	....	....	70
CHAPTER FIVE: Institutional interaction in environmental governance					72
5.1	Introduction	....	....	....	72
5.2	Institution	....	....	....	73
5.2.1	<i>Definition</i>	....	....	....	73
5.2.2	<i>Types of institution</i>	....	....	....	74
5.2.3	<i>Institutional interaction</i>	....	....	....	76
5.3	Structural view of institutions: property right debates	....	....	....	78
5.3.1	<i>Private property right theory</i>	....	....	....	78
5.3.2	<i>Public property rights theory</i>	....	....	....	80
5.3.3	<i>Weaknesses of property right theories</i>	....	....	....	81
5.4	Social dimension of institutional interaction	....	....	....	84
5.4.1	<i>Definition</i>	....	....	....	84
5.4.2	<i>Forum shopping</i>	....	....	....	85
5.4.3	<i>Agency-structure relationship</i>	....	....	....	87
5.4.4	<i>Hybridisation</i>	....	....	....	92
5.5	Socially-mediated institutional interaction: an analytical framework	....	....	....	93
5.5.1	<i>Interaction process</i>	....	....	....	93
5.5.2	<i>Variables of institutional interaction framework</i>	....	....	....	94
5.6	Concluding remarks	....	....	....	98

CHAPTER SIX: Environmental governance discourse and practice in Ghana	99
6.1 Introduction	99
6.2 Contested environmental governance	100
6.2.1 Contestations stimuli	100
6.2.2 <i>Precolonial era (before 1840s): institutional synergy for business interests in forests</i>	104
6.2.3 <i>Colonial era (late 1840s to late 1950s): influence of customary institutions on statutory forestry as connivance and resistance</i>	106
6.2.4 <i>Postcolonial era (late 1950s to date): dominance of public discourse</i>	110
6.3 Influences of international environmental discourse	113
6.3.1 <i>Global discourse influences</i>	113
6.3.2 <i>Continental discourse influences</i>	115
6.3.3 <i>Sub-regional discourse</i>	118
6.4 Environmental and forest policies in Ghana	119
6.4.1 <i>National environmental policy</i>	119
6.4.2 <i>1948 Gold Coast (Ghana) Forest policy</i>	122
6.4.3 <i>1994 Forest and wildlife policy</i>	123
6.4.4 <i>2011 Forest and wildlife policy</i>	124
6.5 Concluding remarks	125
CHAPTER SEVEN: Governance beyond regulation: statutory-custodial institutional interaction in teak farming	127
7.1 Introduction	127
7.2 Teak plantation programme	127
7.2.1 <i>National Forest Plantation Development Programme</i>	127
7.2.2 <i>Institutions and incentives in teak plantation programme</i>	129
7.2.3 <i>Relevance of teak plantations</i>	131
7.3 Teak tree	134
7.3.1 <i>Structure, geography, and history</i>	134
7.3.2 <i>Financial reward</i>	136
7.4 Teak cultivation and customary norms of claims in land	137
7.4.1 <i>Contingent of teak cultivation on claims in land</i>	138
7.4.2 <i>Cultivating teak to guarantee indefeasibility of right in land</i>	140
7.4.3 <i>Contingent of teak farming on autonomy of rights in customary land</i>	143
7.5 Teak cultivation and customary norms on land access	146
7.5.1 <i>Immobility of customary land right</i>	146
7.5.2 <i>Competition between teak and food crops</i>	147
7.6 Teak cultivation and customary norms of land tenancy	151
7.6.1 <i>Cultivation of teak for accessibility to land: taungya group</i>	151
7.6.2 <i>Land lease as institution to overcome customary norm constraints</i>	152
7.7 Concluding remarks	154

CHAPTER EIGHT: Sand winning: constraints to teak farming	....	156
8.1 Introduction ....	....	156
8.2 Sand winning practice ....	....	156
8.3 Sand winning as livelihood ....	....	160
8.4 Partial autonomy to win sand ....	....	162
8.5 Market foundations of sand winning ....	....	164
8.5.1 <i>Linkages</i> ....	....	164
8.5.2 <i>Sand market</i> ....	....	164
8.5.3 <i>Customary land market linkages with sand winning</i> ....	....	166
8.5.4 <i>Land scarcity linkages with sand winning</i> ....	....	168
8.6 Control on sand winning ....	....	170
8.6.1 <i>Limited capacity of traditional councils</i> ....	....	170
8.6.2 <i>Limited capacity of district assemblies</i> ....	....	174
8.7 Concluding remarks ....	....	175
CHAPTER NINE: Interlock of livelihoods and institutions	....	177
9.1 Introduction ....	....	177
9.2 Confronting livelihood in individual and collective strategies ....	....	178
9.2.1 <i>Strategies of resistance to sand tax institution</i> ....	....	178
9.2.2 <i>Strategies of maximising land lease</i> ....	....	180
9.2.3 <i>Strategies for overcoming teak market vulnerabilities</i> ....	....	182
9.3 Interactions of governing and being governed ....	....	184
9.3.1 <i>Piecing together</i> ....	....	184
9.3.2 <i>Unresponsiveness of environmental governance to interlocking of livelihoods and institutions</i> ....	....	186
9.4 Revisiting socially-mediated institutional interaction framework	....	188
9.4.1 <i>Centrality of livelihoods in interaction</i> ....	....	188
9.4.2 <i>Reflexivity in environmental governance</i> ....	....	191
9.5 Concluding remarks ....	....	192
CHAPTER TEN: Reflections on findings and conclusions	....	194
10.1 Introduction ....	....	194
10.2 Restatement of problem, aim, and justification of study ....	....	194
10.3 Looking back on chapter discussions ....	....	196
10.4 Summary of study findings ....	....	198
10.4.1 <i>Response to environmental governance as strategies of derivation</i> ....	....	198
10.4.2 <i>Livelihood centrality in and interlock with institutional interaction</i> ....	....	200
10.4.3 <i>Environmental governance as integrated land use process</i> ....	....	201
10.4.4 <i>Manipulative dynamism of customary property right regime for utility</i> ....	....	202
10.5 Theoretical and conceptual implications of findings ....	....	203
10.5.1 <i>Livelihood basis of environmental governance</i> ....	....	203
10.5.2 <i>Meeting needs across scale</i> ....	....	205
10.6 Practical and policy implications of study findings ....	....	206
10.7 Limitations of this work ....	....	209

10.8 Further research: linkages between livelihoods and environmental responsibility	210
References	211
Appendix: diary of research itinerary	228