Critical Action Research: Exploring Organisational Learning and Sustainability in a Kenyan Context

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Abstract

The main goal of this study was to deepen an understanding of exploring organisational learning and sustainability using critical action research methodology in a Kenyan context. The research process involved a group of 23 middle level management employees of the National Museums of Kenya (NMK) in identifying and acting on sustainability issues. This group was designed and cultivated as a community of practice for organisational learning purposes. The basic premise underlying the study is that exploring agential, structural and cultural interactions (morphogenetic relationships) through educational interventions (communicative interactions) in a community of practice can deepen context specific understanding of organisational learning and sustainability. I developed this argument by drawing on a complex philosophical framework that brought together assumptions from Archerian social realism, Deweyan pragmatism and critical theory. The framework underpinned three distinct and yet related theoretical perspectives – the Archerian morphogenetic approach, Habermasian critical theory and Lave and Wenger's communities of practice. The Archerian morphogenetic approach and Habermasian critical theory respectively provided ontological and epistemological perspectives for the study. Lave and Wenger's communities of practice approach provided both a unit of analysis (the NMK community) and a social theory of learning to complement the Archerian and Habermasian theoretical perspectives.

I generated data within a 14-month period between March 2005 and March 2007 in three distinct but integrally intertwined broad action research cycles of inquiry. During the first cycle, the research group identified contextual issues related to organisational learning and sustainability. In the second cycle the group investigated the issues deeper and deliberated possibilities for social change and the emergence of sustainability. The final cycle delineated social learning outcomes from the study and explored ways of institutionalising social change processes. Throughout these cycles, I explored ways of knowing the social reality of enabling organisational learning and sustainability. The cycles were integral to communicative interactions, which I implemented as educational interventions for developing agency in the NMK community of practice. Data analysis was undertaken

within cyclical processes of entering and managing data, manual coding and developing categories, identifying themes, presenting results and validating findings.

Undertaking a collaborative critical organisational analysis of the NMK revealed various contextual factors that both constrained and enabled participant learning capabilities and reflexivity to address sustainability issues. These factors manifested as contextually mediated issues of communication and information flows, decision making and leadership (governance), staff motivation and development, financial management and the identity and role of the NMK. The research process promoted collective social action and innovation, fostered critical reflections and reflexivity, enhanced democratic deliberations and strengthened systemic thinking capabilities in the NMK community of practice. This study contributes to the body of literature on environmental education in its employment of a coherent and complex philosophical and theoretical framework for exploring organisational learning and sustainability.

Declaration

This thesis is submitted in accordance with the regulations for the degree of Doctor of Philosophy of Macquarie University. I declare that the work described herein is original, except where otherwise indicated and acknowledged. I further declare that this thesis has not, either in part or whole, been submitted for a higher degree to any other university or institution.

Abel Barasa Atiti 30 May 2008

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In loving memory of my father

To my mother, wife and children

Table of Contents

Abstract	ii
Declaration	iv
Acknowledgements	V
List of Figures	xiv
List of Tables	xiv
List of Boxes	XÍV
Acronyms	XV
PART 1 INTRODUCTION AND CONTEXTUAL INFLUENCES	1
CHAPTER 1 GETTING A SENSE OF THE RESEARCH TERRAIN	2
1.1 Introduction	2
1.2 Positioning myself	2
1.3 RESEARCH AIMS AND MOTIVATION FOR THE STUDY	5
1.3.1 Research aims	5
1.3.2 Motivation	7
1.4 PHILOSOPHICAL AND THEORETICAL FRAMEWORKS OF THE STUDY	8
1.4.1 Critical realism	10
1.4.2 Deweyan pragmatism	13
1.4.3 Critical tradition	15
1.4.4 Communities of practice approach	16
1.5 CLARIFICATION OF THEORETICAL CONCEPTS	19
1.5.1 Communicative interactions	19
1.5.2 Critical pedagogy	21
1.5.3 Democratic deliberations	22
1.5.4 Morphogenetic relationships	22 23
1.5.5 Organisational learning and sustainability 1.5.6 Systems thinking	23 24
1.6 CONTRIBUTIONS OF THE STUDY	25
1.7 OUTLINE OF THE THESIS	26
1.8 SUMMARY	28
1.0 DUMWAK1	20
CHAPTER 2 SHAPING CONTEXTUAL INFLUENCES	29
2.1 Introduction	29
2.2 THE KENYAN CONTEXT	30
2.2.1 Biophysical dimensions: issues and responses	31
2.2.2 Political dimensions: issues and responses	35
2.2.3 Social and economic dimensions: issues and responses	40
2.3 THE NMK ORGANISATIONAL CONTEXT	46
2.3.1 Vision, mission and management structure	47
2.3.2 Past and existing organisational changes	49
2.3.3 The role of the NMK in enhancing sustainability	52
2.4 AN OVERVIEW OF ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	55

•	
1	X

2.4.1 Evolution, development and critiques of environmental education2.4.2 Reorientation of education towards sustainability	55 58
2.4.3 Environmental education as open processes of learning and change	60
2.5 Summary	63
PART 2 THEORETICAL FOUNDATIONS OF THE STUDY	65
CHAPTER 3 UNDERSTANDING ORGANISATIONAL CHANGE	66
3.1 Introduction	66
3.2 THE ROLE OF SOCIAL THEORY IN CHANGE	66
3.2.1 Drawing on different social theories	67
3.2.2 Views on the nature of organisations	71
3.2.3 Change agency	72
3.2.4 Structure as an emergent stratum of reality	74
3.2.5 Conceptualising culture as an emergent stratum of reality	76
3.3 ARCHERIAN MORPHOGENETIC APPROACH TO ORGANISATIONAL ANALYSIS	79 7 9
3.3.1 Origins and phases of morphogenesis3.3.2 Structural morphogenesis	79 91
3.3.3 Cultural morphogenesis	81 83
3.3.4 Morphogenesis of agency	85
3.3.5 Critiques of Archerian morphogenetic approach	86
3.4 HABERMASIAN THEORIES OF COMMUNICATIVE ACTION AND DELIBERATIVE DEMOCRACY	87
3.4.1 Grounding knowledge in human experiences	88
3.4.2 The theory of communicative action	89
3.4.3 The theory of deliberative democracy	92
3.4.4 Critiques of Habermasian theories	94
3.5 ONTOLOGICAL AND EPISTEMOLOGICAL IMPLICATIONS FOR THE STUDY	95
3.5.1 Understanding social reality of organisational change3.5.2 Exploring ways of knowing organisational change	96 97
3.6 SUMMARY	98
CHAPTER 4 EXPLORING ORGANISATIONAL LEARNING AND SUSTAINABILITY AS SOCIAL	400
LEARNING PROCESSES	100
4.1 Introduction	100
4.2 ORGANISATIONAL LEARNING: MEANING, THEORY AND SOCIAL CHANGE	100
4.2.1 Meaning, theoretical perspectives and critiques	101
4.2.2 Communities of practice and social learning processes	103
4.2.3 Critiques of communities of practice approach	110
4.3 SUSTAINABILITY: MEANING, THEORY AND CHANGE	112
4.3.1 Meaning and theoretical perspectives	113
4.3.2 Sustainability from a learning and education viewpoint4.3.3 Social learning theory for exploring sustainability	116 117
4.4 DEVELOPING AGENTIAL LEARNING CAPABILITIES FOR SOCIAL CHANGE	117
4.4.1 Promoting collective social action and innovation	119
4.4.2 Enhancing democratic deliberations	120
4.4.3 Fostering critical reflections and reflexivity	121
•	

4.4.4 Strengthening systemic thinking capabilities	123
4.5 SUMMARY	124
PART 3 METHODOLOGY AND RESEARCH PROCESSES	125
Cyanger 5 Characa Agran Branan Gay Maryana aga	120
CHAPTER 5 CRITICAL ACTION RESEARCH METHODOLOGY	126
5.1 Introduction	126
5.2 CRITICAL SOCIAL RESEARCH: ASSUMPTIONS, BACKGROUND AND CRITIQUES	126
5.2.1 Underlying philosophical assumptions	127
5.2.2 Critical theory as a process of critique for social change	130
5.2.3 Critical theory as a 'school of thought'5.2.4 Critiques of critical theory	133 135
5.3 CRITICAL ACTION RESEARCH AS A METHOD AND EPISTEMOLOGY OF CHANGE	136
5.3.1 Action research: origins, features and methodological principles5.3.2 Epistemological foundations of action research	137 144
5.3.3 Critiques of critical approaches to action research	144
5.4 RESEARCH TECHNIQUES	147
	149
5.4.1 Focus groups 5.4.2 Workshops	152
5.4.3 Keeping a researcher journal	154
5.4.4 Semi-structured interviews	155
5.4.5 Participant observation	156
5.4.6 Use of photography	156
5.4.7 E-mail communications	156
5.4.8 Document reviews5.4.9 Informal interactions with colleagues	158 159
S .	160
5.5.1 Enhancing quality through reflexivity5.5.2 Ensuring validity in action research	161 163
5.5.3 Enhancing trustworthiness in action research	166
5.6 SUMMARY	167
CHAPTER 6 RESEARCH DESIGN AND PROCESSES	169
6.1 Introduction	169
6.2 AN ACTION RESEARCH DESIGN AND PROCESS OF INQUIRY	170
6.2.1 Early research design decisions	170
6.2.2 Subjecting research design to the scrutiny of peers	172
6.2.3 Doing action research in and on my own organisation	173
6.3 FIRST CYCLE OF INQUIRY: IDENTIFYING CONTEXTUAL ISSUES	177
6.3.1 Initial planning and gaining access	178
6.3.2 Forming a research group as a community of practice	179
6.3.3 Data generation: critical organisational analysis of the NMK6.3.4 Social learning outcomes	181 187
•	189
	189
6.4.1 Planning stage6.4.2 Data generation: interventions for organisational change	190
- January January Land Control of	1/0

6.4.3 Social learning outcomes	199
6.5 THIRD CYCLE OF INQUIRY: DELINEATING AND INSTITUTIONALISING CHANGE	200
6.5.1 Planning stage	201
6.5.2 Data generation: delineating and institutionalising change processes	201
6.5.3 Social learning outcomes	206
6.6 DATA ANALYSIS AND INTERPRETATION	207
6.6.1 Cyclical processes of data analysis	207
6.6.2 Data interpretation and dissemination of findings	211
6.7 ADDRESSING ETHICAL AND POLITICAL DILEMMAS	213
6.7.1 Participant selection and obtaining consent	214
6.7.2 Anonymity and confidentiality 6.7.3 Conflicting and different needs	214 215
6.7.4 Political dilemmas	217
6.8 SUMMARY	218
PART 4 CONTEXTUAL ISSUES AND SOCIAL LEARNING OUTCOMES	220
CHAPTER 7 CRITICAL ORGANISATIONAL ANALYSIS OF THE NMK	221
7.1 Introduction	221
7.2 IDENTIFYING CONTEXTUAL ISSUES WITH THE PARTICIPANTS	221
7.2.1 Social and political analysis	222
7.2.2 Morphogenetic analysis	225
7.3 EXPLORING ASSUMPTIONS, VALUES AND POSSIBILITIES FOR SUSTAINABILITY	230
7.3.1 Envisioning a sustainable future NMK	231
7.3.2 Interpretations of sustainability in context	235
7.4 INQUIRING INTO THE MUSEUM IN CHANGE PROGRAMME	238
7.4.1 Participant views on Museum in Change	238
7.4.2 Power relations within the Museum in Change Programme	244
7.4.3 Drawing lessons from the Programme	248
7.5 EVIDENCE OF SOCIAL LEARNING PROCESSES	251
7.5.1 Generation of new ideas, values and identities	251
7.5.2 Development of participant learning capabilities	253
7.6 Summary	254
CHAPTER 8 DELIBERATING AND EXPLORING POSSIBILITIES FOR CHANGE	256
8.1 Introduction	256
8.2 Issues of communication and information flows	256
8.2.1 Enabling and constraining contextual factors8.2.2 Collective actions on communication improvement	258
8.2.2 Collective actions on communication improvement8.2.3 Evidence of social learning processes	263 267
8.3 ISSUES RELATED TO DECISION MAKING AND LEADERSHIP	272
8.3.1 Enabling and constraining contextual factors	272
8.3.2 Possibilities for democratic forms of governance	275
8.3.3 Evidence of social learning processes	277

8.4 ISSUES OF STAFF MOTIVATION AND DEVELOPMENT	280
8.4.1 Enabling and constraining contextual factors	281
8.4.2 Possibilities for enhancing staff motivation and development	285
8.4.3 Evidence of social learning processes	287
8.5 ISSUES OF FINANCIAL MANAGEMENT	291
8.5.1 Enabling and constraining contextual factors	291
8.5.2 Possibilities for improving financial viability	294
8.5.3 Evidence of social learning processes	295
8.6 ISSUES OF IDENTITY AND ROLE OF THE NMK	296
8.6.1 Enabling and constraining contextual factors	297
8.6.2 Possibilities for improving the NMK identity	300
8.6.3 Evidence of social learning processes	302
8.7 Institutionalising social change processes	306
8.7.1 Enabling and constraining factors	307
8.7.2 Possibilities for institutionalising social change processes	309
8.8 Summary	313
PART 5 DISCUSSION OF FINDINGS	315
CHAPTER 9 ONTOLOGICAL, EPISTEMOLOGICAL AND PEDAGOGICAL IMPLICATIONS OF T.	ш
STUDY	пе 316
9.1 Introduction	316
9.2 IDENTIFYING AND ACTING ON CONTEXTUAL ISSUES	316
9.2.1 Structural and cultural conditioning	317
9.2.2 Social and socio-cultural interactions	322
9.2.3 Social and cultural elaboration	326
9.3 REVIEWING ASSUMPTIONS AND EXPLORING CRITICAL ALTERNATIVES	330
9.3.1 Assumptions and values on the identity and role of the NMK	332
9.3.2 Assumptions and values on governance systems	333
9.3.3 Assumptions and values on communication	336
9.3.4 Assumptions and values on human development	337
9.3.5 Assumptions and values on financial management	338
9.4 KNOWING THE SOCIAL REALITY OF ORGANISATIONAL LEARNING AND SUSTAINABILITY	338
9.4.1 Promoting collective social action and innovation	340
9.4.2 Enhancing democratic deliberations	341
9.4.3 Fostering critical reflections and reflexivity	342
9.4.4 Strengthening systemic thinking capabilities	343
9.5 IMPLICATIONS FOR EXPLORING ORGANISATIONAL LEARNING AND SUSTAINABILITY	344
9.5.1 Cultivating communities of practice for organisational learning	344
9.5.2 Emergence of organisational learning sustainability	346
9.5.3 Institutionalising social change processes and sustainability	349
9.6 Summary	352
CHAPTER 10 REFLECTIONS, CONTRIBUTIONS AND RECOMMENDATIONS	
	352
10.1 Introduction	353 353

	xiii
10.2 REFLECTIONS ON THE RESEARCH PROCESS	353
10.2.1 Core action research project10.2.2 Thesis action research project10.2.3 Limitations	354 355 357
10.3 CONTRIBUTIONS AND IMPLICATIONS OF THE STUDY	359
 10.3.1 Ontological implications 10.3.2 Epistemological implications 10.3.3 Methodological implications 10.3.4 Pedagogical implications 10.4 KEY RECOMMENDATIONS 	360 361 363 364 365
10.4.1 Implementing further social changes at the NMK	365
10.4.2 Further research	367
10.5 CONCLUDING REMARKS	368
REFERENCES 370	
APPENDICES 396	
APPENDIX 1 – MEMBERS OF THE NMK COMMUNITY OF PRACTICE	396
APPENDIX 2 – NON RESEARCH GROUP PARTICIPANTS AS CORPORATE AGENTS	399
APPENDIX 3 – A SAMPLE FRAMEWORK FOR CONDUCTING FOCUS GROUPS	401
APPENDIX 4 – A SAMPLE OF WORKSHOP PROGRAMME AND GUIDING QUESTIONS	402
APPENDIX $5-S$ AMPLES OF PHOTOGRAPHS TAKEN DURING THE RESEARCH PROJECT	404
APPENDIX 6 – INFORMATION AND CONSENT FORM	406
APPENDIX 7 – SAMPLES OF DATA ANALYSIS	408
APPENDIX 8 – DISSEMINATION OF FINDINGS	411
APPENDIX 9 – EXTRACTS FROM ETHICAL APPROVAL APPLICATION	414
APPENDIX 10 – FINDINGS FROM WORKSHOP 3 ON ISSUES OF STAFF DEVELOPMENT	417

List of Figures

Figure 1.1	Philosophical and theoretical frameworks of the study	9
Figure 2.1	A wheel of interacting global concerns	31
Figure 6.1	Core and thesis action research projects of the inquiry	176
Figure 6.2	Presidential launch of the Museum in Change Programme	196
Figure 6.3	Data analysis in critical action research processes	208
Figure 9.1	The NMK as an emergent stratum of social reality	331
Figure 9.2	Exploring social change processes in a community of practice	339
List of T	ables	
Table 3.1	Three perspectives to organisational change	68
Table 5.1	Research workshops held during the study	152
Table 5.2	Documents reviewed during the study	158
Table 6.1	Major research events of the first cycle of inquiry	182
Table 6.2	Major research events of the second cycle of inquiry	191
Table 6.3	Research events of the third cycle of inquiry	202
Table 7.1	Dimensions of power at the NMK	223
Table 7.2	Structural and cultural conditioning at the NMK	226
Table 8.1	Contextual factors that constrain information flows	262
Table 8.2	Possibilities for improving communication	264
Table 8.3	Collective actions plans on management staff briefings	267
Table 8.4	Developing the NMK organisational learning capability	310
Table 8.5	Addressing fears of change in a community of practice	312
Table 10.1	Philosophical and theoretical implications of the research	359
List of B	oxes	
Box 7.1 V	W1 group exercise on critical analysis of the NMK	222
Box 7.2 V	W1 envisioning workshop group exercise on a sustainable NMK	231
Box 7.3 V	Views of C1 on drivers of change at the NMK	242
Box 7.4 F	Power relations within the Museum in Change Programme	244
Box 8.1 (Changing social reality through communication improvement	268
Box 8.2 F	Participant assumptions on decision making and leadership	273

Acronyms

AIDS Acquired Immuno-Deficiency Syndrome

BGCI Botanic Gardens Conservation International

CBD Convention on Biological Diversity

CITES Convention on International Trade in Endangered Species of Wild Fauna

and Flora

CKRC Constitution of Kenya Review Commission

CSRP Civil Service Reform Programme
DEC Directors Executive Committee

DFRD District Focus for rural Development

EHS Environmental Health and Safety

ERSWEC Economic Recovery Strategy for Wealth and Employment Creation

ESD Education for Sustainable Development

EU European Union FG Focus Group

GSE Graduate School of the Environment
HIV Human Immunodeficiency Virus

HRDC Human Resource Development Committee

IEEP International Environmental Education programme

IMF International Monetary Fund
IPR Institute of Primate Research

IUCN International Union for Conservation of Nature

KACA Kenya Anti-Corruption Authority
KANU Kenya African National Union
MDG Millennium Development Goals

MU Macquarie University

MUWA Museum Welfare Association
NARC National Rainbow Coalition

NEMA National Environment Management Authority

NMK National Museums of Kenya

NMKSP National Museums of Kenya Support programme

NPEP National Poverty Eradication Plan PRGF Poverty Reduction Growth Facility PRSP Poverty Reduction Strategy Paper

REEP Regional Environmental Education Project

RISSEA Research Institute of Swahili Studies in Eastern Africa

SADC Southern Africa Development Community

SAPS Structural and Adjustment Programmes

UN United Nations

UNCED United Nations Conference on Environment and Development

UNDESD United Nations Decade of Education for Sustainable Development

UNDP United Nations Development Programme
UNEP United Nations Environment Programme

UNESCO United Nations Educational, Scientific and Cultural Organisation

WCED World Commission on Environment and Development

WHO World Health Organisation

WSSD World Summit on Sustainable Development

WWF World Wildlife Fund for Nature