

## Towards the development of a "green" worldview, and criteria to assess the "green-ness" of a text: *Namibia Vision 2030* as example.

by

Sally Anne Harper

# A thesis submitted in partial fulfilment of the requirements for the degree

PhD

in the Department of Psychology at the

**UNIVERSITY OF PRETORIA** 

FACULTY OF HUMANITIES

SUPERVISOR: Professor Wilhelm Johann Jordaan

October 2008



### Abstract

This study assumes, rather than debates, that there is an increasingly global environmental crisis – global warming, loss of ozone layer, biodiversity loss, deforestation and desertification, natural resource depletion, toxic pollution - brought about by western nations' abuse of the natural environment during nineteenth century industrialization, continuing through the twentieth century, and, many would argue, into the new millennium as well.

Greens have been warning of the dangers of human-induced climate change since the 1960s. And yet, their analysis of the reasons for the wide and global range of ecological problems currently being experienced, of which climate change is only one, is not widely known. And even less so, are their solutions to the ecological crisis.

This thesis, "Towards the development of a "green" worldview, and criteria to assess the "greenness" of a text: Namibia Vision 2030 as example", poses two research questions, and undertakes three tasks. The first question asks: "What does 'seeing green' as worldview mean?" "Green" emerges as not only pro-environmental attitudes and behaviours, but a fundamental challenge to western-cultural views on Self, and on the Self/Other relationship, including our human-nature relationship. It represents a total worldview, with its own legitimating narratives, epistemology, ontology, ethics, and viewpoints on real-world political issues as well. The green worldview differs sharply *in its ultimate premises* from mainstream sustainable development. On the green view, only the radical changes in Self, the Self/Other relationship, and society's structures, which a green worldview demands, will be sufficient to avert the impending ecological crisis.

A green worldview, while containing considerable diversity, is still sufficiently coherent and consistent that it can be reduced to a set of criteria and indicators for "seeing green". This was the study's second task.

The study's third task co-incides with its second research question: "How green is Namibia Vision 2030s worldview?" *Namibia Vision 2030* is Namibia's premier policy text designed to guide Namibia through a generation of sustainable development. Using the green criteria and indicators developed during the study, it is argued that particularly as far as this text's ultimate premises on the human/nature relationship are concerned, its worldview is best described as pale green fading into grey.

#### Keywords:

Environmentalism Environmental philosophy Ecologism Animal rights Deep ecology Social ecology Ecofeminism Green politics Die Grünen Namibia Vision 2030



# CONTENT

(A detailed content list is presented at the beginning of each chapter)

	Page
Abstract	ii
Content	iii
List of figures and tables	vi
Acknowledgements	viii

<b>RESEARCH QUESTION 1: WHAT DOES "SEEING GREEN" AS WORLDVIEW MEAN?</b>		
ONE	GENERAL ORIENTATION	1
UNE 1.	Introduction	1 2
1. 2	Worldview as context for the research questions	$\frac{2}{2}$
2 3	The research questions	2 4
4	An interdisciplinary approach	8
5	The research process	16
5	The research process	10
TWO	SETTING UP THE SEEING GREEN DATABASE	19
1	Methodology and method for research question 1	21
2	Historical context of "green" sample elements	26
3	Summary	52
THREE	ANIMAL LIBERATION/RIGHTS FOR NONHUMAN NATURE	52
1	Introduction	52 54
2	Legitimating narratives	58
3	Epistemology	59
4	Ontology	60
5	Ethic	61
6	View of society	70
7	Praxis	74
8	Critique	75
9	Summary	78
FOUR	DEEP ECOLOGY	81
1	Introduction	84
2	Legitimating narratives	90
3	Epistemology	92
4	Ontology	94
5	Ethic	104
6	View of society	112
7	Praxis	127
8	Summary	129
FIVE	SOCIAL ECOLOGY	131
1	Introduction	134
2	Legitimating narratives	135
3	Epistemology	141



4 5	Ontology Ethic	144 154
6	View of society	161
7	Praxis	171
8	Critique	172
9	Summary	175
SIX	ECOFEMINISM	177
1	Introduction	180
2	Legitimating narratives	182
3	Epistemology	189 192
4 5	Ontology Ethic	202
		202
6 7	View of society Praxis	219
8	Critique	227
9	Summary	228
SEVEN	THE GREEN MOVEMENT: Die Grünen as example	231
1	Introduction	231
2	Legitimating narratives	234
3	Epistemology	248
4	Ontology	250
5	Ethic	258
6	View of society	265
7	Praxis	285
8.	Critique	286
9	Summary	287
EIGHT	A SEEING GREEN WORLDVIEW	291
1	Introduction	296
2	Legitimating narratives	300
3	Epistemology	305
4	Ontology	309
5	Ethic	316
6	View of society	323
7	Praxis	345
8	Summary	346
NINE	ENVIRONMENT AND DEVELOPMENT	348
1	Introduction	350
2	Historical and ethical context	352
3	Economic theory	355
4	Development theory	372
5	Ecology as science	377
6	The contribution of environmental philosophy	383
7	Sustainable development	392
8	Summary	402



### RESEARCH QUESTION 2: NAMIBIA VISION 2030: HOW GREEN IS ITS WORLDVIEW?

TEN	CRITERIA TO ASSESS THE GREEN-NESS OF A TEXT	403
1	Introduction	404
2	Methodology and method	409
3	Seeing green to grey-green: criteria and indicators	416
4	Criteria for assessing research	429
ELEVEN	NAMIBIA VISION 2030s WORLDVIEW: HOW GREEN?	431
1	Introduction	434
2	Reading the introductory sections to, and	
	Part 1 (chapters 1-3) of Namibia Vision 2030	437
3	Reading Part 2 of Vision 2030 (chapters 4-6): its worldview,	
	with focus on its human-nature relationship: overview	453
4	Vision 2030 chapter 4: The People's quality of life (pp. 44 – 135)	454
5	Vision 2030 chapter 5: Sustainable resource base (pp. 136-173)	472
6	Vision 2030 chapter 6: Creating the enabling environment	
	(pp. 174-216)	495
7	Reflections on the workability of the criteria and their indicators	502
8	One version of Namibia Vision 2030s worldview, with focus	
	on its human-nature relationship	504
TWELVE	REFLECTIONS	513
1	The problem: the diminishing importance of green ideas in	
	mainstream thought	514
2	Can environmental psychology help?	515
3	Suggested further research	519

#### REFERENCES

521

APPENDIX Digital copy of *Namibia Vision 2030* 

[inside back cover]



# List of figures and tables

		<u>Page</u>
1	How worldview constructs reality (Mochelle, 1986, in Gough, 2003b)	3
2	Varieties of green thought (Wissenburg, in Dobson & Lucardie, 1993, p. 4)	5
3	Bateson's (1972, p. 499) Dynamics of the ecological crisis	12
4	"Apron diagram" depicting deep ecology as "derivational system" (Naess, 1986a, in Sessions, 1995, p. 77)	87
5	An industrial society compared with an ecological [or "green"] society (Porritt, 1984, pp. 216-217)	114
6	The evolution of social hierarchy	149
7	Conservative and radical understanding of sustainable development (Davidson's (2000, p. 29, Table 1) adaptation of Jacobs (1995, pp. 4-5)	394
8	How <i>Namibia Vision 2030</i> synthesizes Namibia's natural environmental policy and national planning process into an overarching development planning framework (GRN, 2004a, p. 15)	408
9	Pattern of environmentalist ideologies (O'Riordan, 1981, p. 376)	458
10	Goods and hidden services provided by natural aquatic ecosystems (ex Vision 2030 Theme 6, (GRN, 2002b), Table A 2.1, p. 16)	475
11	Some interlinked issues which threaten sustainable development in Namibia (Tarr, 2000, p. 12)	476
12	Dynamics of the ecological crisis (Bateson, 1972, p. 499)	477
13	Namibia's progress towards environmental sustainability as Millennium Development Goal (GRN, 2004b, p. 31)	482
14	Namibia's high endemism in biodiversity (ex Vision 2030 Theme 6 (GRN, 2002b), Figure A3.2, p. 33)	486
15	Existing and proposed land to maintain biological diversity (ex Vision 2030 Theme 6 (GRN, 2002b), Figure A3.4, p. 38)	490
16	Mines and prospecting licences in Namibia (ex Vision 2030 Theme 6 (GRN, 2002b), Figure A5.1, p. 64)	491



17	Land use: mining concessions (ex Vision 2030 Theme 6 (GRN, 2002b), Figure A4.1, p. 51)	492
18	Degree of environmental protection as faultline of contestation between conservative and radical sustainable development (Davidson's (2000, p. 29) adaptation of Jacobs, 1995, pp. 4-5)	499
19	Overview of criteria and indicators used in the analysis of <i>Namibia Vision 2030</i>	502
20	A Values-Beliefs-Norms theory of support for environmentalism and pro-environmental behaviour (Stern, 2000)	516
21	Major types of environmentally significant behaviours and causal variables (Stern, 2000)	517



### Acknowledgements

To Professor Jordaan: A special thanks for your guidance as supervisor in getting me this far [I never thought I would]. Looking back, it seems to me nothing short of a miracle that you could discern a possible PhD in the green haze with which I originally presented you! Thank you also, for "letting me be", as I wandered down many fascinating pathways searching for the meaning of green, before re-directing me onto a Ph D route.....

And to all external examiners, thank you for helpful comment, suggestions, and direction.

My thanks to the many librarians who helped me trace the sources I needed for this study, and in particular to Lourett Visser of the University of Pretoria; to Robert Camp and Anne Vechtel for their help in providing documents and information on Die Grünen during a wonderful visit to the Heinrich Böll Stiftung, Archiv Grünes Gedächtnis in Berlin; and to the staff of the University of Namibia's Library and Archives.

To my friends, who supported me in many different ways, and good-humouredly tolerated my absent-mindedness about real-world things throughout the writing and finalizing of the thesis. What excuse can I use now?

And of course, to Kitti, who in one way or another, is present in every page of this thesis.

Windhoek, Namibia December 2007, and October 2008