# HUMAN SECURITY IN WORLD AFFAIRS

PROBLEMS AND OPPORTUNITIES



**EDITED BY** 

Alexander K. Lautensach Sabina W. Lautensach



# HUMAN SECURITY IN WORLD AFFAIRS

#### PROBLEMS AND OPPORTUNITIES

#### **EDITED BY**

Alexander K. Lautensach Sabina W. Lautensach



First published by CAESARPRESS 2013 © 2013 CAESARPRESS — Vienna, AUSTRIA

#### **Human Security in World Affairs: Problems and Opportunities**

Alexander K. Lautensach, Sabina W. Lautensach (eds.)

ISBN: 978-3-902890-00-9 (paperback)

tags: human security, global public health, ecological economics, sustainable development, vulnerability studies, global environmental change, foresight intelligence

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage or retrieval system, without permission in writing from the publisher.

Limit of Liability/Disclaimer of Warranty: While the publisher, the editor(s) and the author(s) have used their best efforts in preparing this book, they make no representations or warranties with respect to the accuracy or completeness of the contents of this book. Neither the publisher, the editor(s) nor the author(s) shall be liable for any loss of profit or any other commercial damages, including but not limited to special, incidental, consequential, or other damages.

Cover design & book composition by Thomas Gimesi Cover image licensed from istockphoto.com Adaptation of figures for print usage by Alexander Wohinz Typeset in ITC Charter Pro (10/9pt), Foundation Sans (16/8pt)



For further information on CAESARPRESS and purchase orders visit http://www.caesarpress.com or contact us at office@caesarpress.com \*-{---}-\*

#### Acknowledgments

We would like to acknowledge the invaluable editorial help of Mr. Joel Baerg without whom the manuscript might have languished for an inestimably longer time.

We also thank every one of our authors for their patience, their magnanimous acceptance of numerous editorial requests, and for the quality of their work.

The University of Northern British Columbia supported the project with a publication grant for which we are grateful.

Our most sincere thanks go to Dr. Thomas Gimesi for his invaluable help in getting this work successfully published after a prolonged sequence of trials.

**\*-{:**-+}-\*

#### **\*-{:--};**\*

### Table of Contents

	ACKNOWLEDGMENTS	Ш
	PREFACE	XII
	INTRODUCTION	XIX
1	HUMAN SECURITY FOUNDATION DOCUMENTS AND	
	RELATED RESOURCES	1
1.1	ORIGINS AND DEVELOPMENT OF THE HUMAN SECURITY CONCEPT	2
1.2	GENERAL FOUNDATION DOCUMENTS FOR HUMAN SECURITY	4
1.3	KEY RECURRING RESOURCE DOCUMENTS, PUBLICATIONS, AND WEBSITES	12
2	WHY HUMAN SECURITY NEEDS OUR ATTENTION	17
2.1	WHAT DO WE MEAN BY 'HUMAN SECURITY'?	18
2.2	THE GREAT DISCONTINUITY, OR: WHERE ARE WE TODAY?	19
2.3	IN WHAT WAYS ARE HUMANS THE MOST DANGEROUS SPECIES?	20
2.4	SO, HOW DID WE GET HERE?	24
2.5	FOSSIL FUELS: A FAUSTIAN BARGAIN	25
2.6	PEAK OIL: IF WE DON'T BURN OURSELVES UP, WE WILL BURN	
	OURSELVES OUT	28
3	CONFLICTING PERSPECTIVES	35
3.1	INTRODUCTION	36
3.2	ON GLOBALIZATION	37
3.3	HUMAN RIGHTS AND HUMAN SECURITY	40
3.4	NOTES FROM AN ETHNOGRAPHY	42
3.5	A HIERARCHY OF NEEDS?	44
3.6	THE WEST AND THE REST?	45
	3.6.1 Asian values	46
	3.6.2 Human security paradigms	47
3.7	FREEDOM OF RELIGION, FREEDOM FROM RELIGION	50
3.8	CONCLUSION: PARADOXES OF UNIVERSALITY	52
4	THREATS TO HUMAN SECURITY - AN OVERVIEW	57
4.1	INTRODUCTION	58
4.2	ASSESSING HUMAN SECURITY	59
4.3	VIOLENT CONFLICT AS A THREAT TO HUMAN SECURITY	61
	4.3.1 Impact of violent conflict on human security	62
	4.3.2 Addressing the root causes: Explaining violent conflict	69
4.4	OTHER THREATS TO HUMAN SECURITY	71
	4.4.1 State vulnerability	71
	4.4.2 Economic threats	72

	4.4.3 Health-related threads	74
	4.4.4 Crime	76
	4.4.5 Terrorism	78
	4.4.6 Environment	79
4.5	CONCLUSION	81
5	HUMAN SECURITY IN THE CONTEXT OF INTERNATIONAL	
	HUMANITARIAN LAW AND INTERNATIONAL CRIMINAL LAW	85
5.1	INTRODUCTION	86
5.2	SITUATIONS IN WHICH THE PROTECTIVE MEASURES WILL APPLY	87
	5.2.1 Clarification	90
5.3	WHO AND WHAT ARE PROTECTED?	92
	5.3.1 The principle of distinction	92
	5.3.2 Prisoners of war	93
	5.3.3 The wounded, sick, and shipwrecked, and aid agencies	93
	5.3.4 Refugees and internally displaced persons	94
5.4	MEANS AND METHODS OF WARFARE	95
	5.4.1 Nuclear weapons	96
5.5	DIFFERENT RESPONSIBILITY REGIMES, CORE INTERNATIONAL CRIMES	
	AND ENFORCEMENT OPTIONS	97
	5.5.1 State responsibility	97
	5.5.2 The grave breaches regime	98
	5.5.3 Individual criminal responsibility	99
	5.5.4 Humanitarian intervention	100
	5.5.5 The core crimes	103
5.6	CONCLUSION: THE FUTURE OF THE RESPONSIBILITY REGIMES	109
6	INDIVIDUALS AND GROUPS OUTSIDE OF THE STATE SYSTEM	113
6.1	INTRODUCTION	114
6.2	INDIVIDUALS AND GROUPS OUTSIDE OF THE STATE	115
	6.2.1 Refugees and asylum seekers	117
6.3	ALIENATED CITIZENS AND TERRORISTS	124
6.4	ALIENATED CITIZENSHIP AND SUB-STATE TERRORISM	125
	6.4.1 Timothy McVeigh and Anders Breivik	125
	6.4.2 Wafa Idris	129
6.5	COUNTER-TERRORISM, HUMAN RIGHTS, AND HUMAN SECURITY	131
6.6	CONCLUSION	135
7	POLITICAL HYBRIDITY AND HUMAN SECURITY IN POST-COLONIAL	
	AND POST-CONFLICT STATE BUILDING/REBUILDING	139
7.1	INTRODUCTION	140
7.2	ENHANCING STATE RESILIENCE AND PROMOTING HUMAN SECURITY	141
7.3	THE QUEST FOR HUMAN SECURITY IN INSECURE AND FRAGILE STATES	142
7.4	DIAGNOSING VULNERABILITY AND PREVENTING STATE FAILURE	144
7.5	PROMOTING HUMAN SECURITY IN WEAK STATES	146
76	HYBRID POLITICAL ORDERS	149

7.7	COMMUNITY SOURCES OF LEGITIMACY	150
7.8	CENTRALITY OF CONTEXT	152
7.9	CONCLUSION	157
8	GLOBALIZING PROCESSES	161
8.1	GLOBALIZATION IN CONTEXT	162
8.2	HISTORICAL CONTEXT	165
8.3	CAUSES FOR GLOBALIZATION	166
8.4	VIEWS ON GLOBALIZATION	168
8.5	AGENTS AND CONCERNS	170
8.6	SPECIAL CASES IN HUMAN RIGHTS: REFUGEES AND INDIGENOUS	
	PEOPLES	173
8.7	CONCLUSION	175
9	ENVIRONMENTAL DECAY AND HUMAN SECURITY	179
9.1	THE ORIGINS OF OUR DRIVE TO CONSUME THE ENVIRONMENT	180
	9.1.1 Evolution and cultural universality	180
	9.1.2 Complexity and consumption	181
9.2	SHORT-TERM VS. LONG-TERM SURVIVAL STRATEGIES	182
	9.2.1 Long-term consumption strategy	183
	9.2.2 Living with limits	183
9.3	THE ONE WITH THE MOST TOYS WINS	184
	9.3.1 How much is too much?	185
	9.3.2 Greed works	185
	9.3.3 Defining greed	186
9.4	CONFRONTING OVERCONSUMPTION IS KEY TO HUMAN AND	
	ENVIRONMENTAL SECURITY	187
	9.4.1 Drivers of overconsumption	188
	9.4.2 Regional differences in consumption	188
	9.4.3 Treating our consumption woes	189
9.5	CAUSE-AND-EFFECT RELATIONSHIPS IN RESOURCE ACQUISITION AND	
	ECOLOGICAL INTEGRITY	190
	9.5.1 Missing the connection between biology and culture	191
	9.5.2 Consumption myths	191
	9.5.3 Public education and overconsumption	192
9.6	THE LONG-TERM IMPACTS OF POPULATION, CONSUMPTION, AND LIMITED	
	RESOURCES	192
	9.6.1 A 'Tragedy of the Commons'	193
	9.6.2 Innovation as a solution to short and long-term problems	194
	9.6.3 Identifying solutions	195
9.7	CONCLUSION	196
10	HUMAN SECURITY AND RESOURCE SCARCITY	201
	INTRODUCTION	202
	RESOURCE SCARCITY THROUGH THE AGES	203
	10.2.1 Geographical expansion	203

10.2.	2 Increased procuring efficiency	204
10.2.	3 Substitution	204
10.3 UND	ERSTANDING RESOURCE SCARCITY	205
10.4 TRAC	GEDY OF THE COMMONS	207
10.5 SOC	AL TRAPS	208
10.5.	Ignorance	208
10.5.	2 Externality	209
10.5.	3 Time delay	210
10.6 UND	ERSTANDING COMPLEX SYSTEMS	213
10.6.	Dynamic systems	214
10.6.	2 Interconnectedness	216
10.7 RESC	DURCE SCARCITY AND CONFLICT	217
10.8 HUM	AN SECURITY IN THE FACE OF RESOURCE SCARCITY	218
10.8.	Drama of the commons	219
10.8.	2 Overcoming individual traps	220
10.9 CASE	STUDIES IN WATER SCARCITY	221
10.9.	Apalachicola-Chattahoochee-Flint River Basin	221
10.9.	2 Mekong River Basin	222
11 OUR	WAR AGAINST NATURE	227
11.1 DEFI	NING TERMS, POSING QUESTIONS	228
11.2 WE F	IUMANS ARE PART OF NATURE	228
11.2.1	Structural, genetic, biochemical, thermodynamic, and behavioural	
	evidence of commonality	228
11.2.2	Continuity and connectedness: brain development, mirror neurons,	
	empathy, and cerebral asymmetry	229
11.2.3	Group-living social primates: cooperation and conflict in	
	bioregional context	230
11.3 WE H	IUMANS HAVE SPECIALIZED IN UTILIZING SYMBOLS	230
11.3.1	Co-evolution of symbolic culture, language, and intergroup conflict	230
11.3.2	Separation of the symbolic realm from the realm of nature	231
11.3.3	B Dualistic thinking, enmity, and war	232
11.4 A CE	RTAIN KIND OF CULTURE PITS HUMANS 'AGAINST' NATURE	233
11.4.1	The culture of western Europe and the emergence of 'modern' science	233
11.4.2	? The death of nature	235
11.5 HOW	WE HAVE CONSTRUCTED 'OUR WAR AGAINST NATURE,' AND	
CALL	ING IT OFF	235
11.5.1	Correcting our metaphysical metaphors	235
11.5.2	2 Understanding social construction	237
11.5.3	The social construction of 'our war against nature'	239
11.5.4	Becoming reflexive, seeing what we're doing, ending the war	240
11.6 CASE	STUDY EXAMPLES	242
11.6.1	Photos from the front	242
11.6.2	2 Monsters of the deep	243
11.6.3	The climate of the anthropocene	244

12	TRANSNATIONAL CRIME	249
12.1	INTERNATIONAL CRIME OR TRANSNATIONAL CRIME? SOME DEFINITIONS	249
12.2	GLOBALIZATION AND TRANSNATIONAL CRIME	250
12.3	THE ECONOMIC SCALE OF TRANSNATIONAL CRIME	251
12.4	THE THREAT OF TRANSNATIONAL CRIME	252
12.5	TRANSNATIONAL CRIME AS A HUMAN SECURITY THREAT	253
12.6	TRAFFICKING IN PERSONS	254
12.7	INTERNATIONAL EFFORTS TO ADDRESS TRANSNATIONAL CRIME	256
12.8	REGIONAL EFFORTS TO ADDRESS TRANSNATIONAL CRIME	259
12.9	SOVEREIGNTY, SECURITY OR SENTIMENT? SOLVING TRANSNATIONAL CRIME	260
13	THE SIGNIFICANCE OF LOCAL GOVERNANCE TO HUMAN	
	SECURITY IN ILLIBERAL CONTEXTS	265
13.1	INTRODUCTION	266
13.2	POST-COLD WAR REALITIES IN SUB-SAHARAN AFRICA VERSUS AFRICANIST	
	SCHOLARSHIP	266
	13.2.1 History	267
	13.2.2 The rise of illiberal democracy	267
13.3	ASSESSING VALUE	270
13.4	MAKING HISTORICAL COMPARISONS 257	272
	13.4.1 Falling into extremes	273
	13.4.2 Liberalism and democracy	275
	13.4.3 Liberalism versus democracy	276
	13.4.4 Stumbling blocks	278
	13.4.5 The future	279
13.5	CONCLUSION: RECALLING THE SIGNIFICANCE OF LOCAL GOVERNMENT	
	INSTITUTIONS	280
	<del></del>	
14	ADDRESSING HUMAN RIGHTS VIOLATIONS	285
14.1	WHAT HUMAN RIGHTS?	286
14.2	TWO KINDS OF HUMAN RIGHTS DIFFER IN THEIR RELATION TO	
	HUMAN SECURITY	288
	14.2.1 The criterion of 'grantability'	288
	14.2.2 From environmental 'rights' to environmental demands	289
	HOW IMPORTANT ARE GRANTABLE HUMAN RIGHTS TO HUMAN SECURITY?	291
	HOW CAN HUMAN RIGHTS BE STRENGTHENED?	293
14.5	HUMAN RIGHTS EDUCATION	295
	<del></del>	
	DEVELOPING GOOD GOVERNANCE	301
	HUMAN SECURITY AND THE ENVIRONMENT	302
	SUSTAINABLE DEVELOPMENT AND HUMAN SECURITY	306
	THE PRINCIPLE OF SUSTAINABILITY	308
15.4	GOVERNANCE FOR SUSTAINABILITY	310
	15.4.1 What is governance?	310
	15.4.2 Current models of governance	310

15.5	THE ROLE OF CIVIL SOCIETY	313
	15.5.1 Earth democracy and ecological citizenship	314
	15.5.2 A norm of ecological citizenship?	314
	15.5.3 Participatory rights	316
15.6	THE EARTH CHARTER: A FRAMEWORK FOR GLOBAL GOVERNANCE	317
15.7	CONCLUSION	319
16	HEALTH SECURITY FOR ALL?	321
16.1	INTRODUCTION	322
16.2	EVIDENCE OF HEALTH CARE NEED AND THE MILLENNIUM DEVELOPMENT	
	GOALS (MDGS)	323
	16.2.1 Challenges to progress on the MDGS	324
16.3	ERADICATION OF INFECTIOUS RE-EMERGING DISEASE	325
	16.3.1 Successful eradication and surveillance	327
16.4	ALTERNATIVE SOLUTIONS TO ERADICATION	333
16.5	EPIDEMIOLOGICAL PROFILES AND HUMAN SECURITY	334
16.6	INFECTIOUS DISEASE AND HUMAN SECURITY	336
	16.6.1 Mycobacterial Tuberculosis (TB)	336
	16.6.2 Human Immunodeficiency Virus (HIV) causing Acquired Immunodeficiency	
	Syndrome (AIDS)	339
	16.6.3 Plasmodium parasites causing Malaria	340
	16.6.4 Influenza	341
16.7	PREVENTION AND HEALTH SECURITY	342
	16.7.1 Vaccinations and the Expanded Program on Immunization (EPI)	343
	16.7.2 The imperiative for primary prevention on a global scale	345
16.8	DISPLACED PEOPLES AND GLOBAL PUBLIC HEALTH: STRATEGIES AND	
	SOLUTIONS	346
17	EMPOWERING INTERNATIONAL HUMAN SECURITY REGIMES	353
17.1	INTRODUCTION	354
17.2	MODERN INTERNATIONAL LAW	354
17.3	MAKING INTERNATIONAL LAW	355
17.4	LAWS OF WAR	356
	17.4.1 Jus in bello	356
	17.4.2 Jus ad bellum	359
17.5	LAWS OF PEACE: HUMAN RIGHTS	361
17.6	INTERNATIONAL LEGAL INSTITUTIONS	362
	17.6.1 United Nations Security Council	362
	17.6.2 International Court of Justice (ICJ)	364
	17.6.3 Tribunals	365
	17.6.4 International Criminal Court (ICC)	367
	THE RESPONSIBILITY TO PROTECT (R2P)	367
17.8	CONCLUSION	368
18	PEACEBUILDING PROCESSES	373
18.1	POSITIVE AND NEGATIVE PEACE	374

18.2 CONF	FLICT: ATTITUDE, BEHAVIOUR, CONTRADICTION	374
18.2.1	Attitude: empathy	375
18.2.2	Behaviour: non-violence	376
18.2.3	Overcoming contradictions with creativity	377
18.3 TWEL	VE APPROACHES TO CONFLICT TRANSFORMATION	377
18.3.1	Unilateral concession	378
18.3.2	Democratic self-determination	378
18.3.3	Graduated Reciprocal Initiatives in Tension-reduction - GRIT	379
18.3.4	Non-Violent Communication – NVC	379
18.3.5	Negotiations	379
18.3.6	Unity-based conflict resolution	380
18.3.7	Good offices	380
18.3.8	The TRANSCEND method	381
18.3.9	Mediation	382
18.3.1	0 Meta-Mediation	383
18.3.1	1 Arbitration	383
18.3.1	2 Courts of law	384
18.4 CON	CILIATION: DEALING WITH THE PAST	384
18.4.1	The Exculpatory Nature-Structure-Culture Approach	385
18.4.2	The Reparation/Restitution Approach	385
18.4.3	The Apology/Forgiveness Approach	385
18.4.4	The Theological/Penitence Approach	385
18.4.5	The Juridical/Punishment Approach	386
18.4.6	The Co-Dependent Origination/Karma Approach	386
18.4.7	The Historical/Truth Commission Approach	386
18.4.8	The Theatrical/Relieving Approach	387
18.4.9	The Joint Sorrow/Healing Approach	387
18.4.1	0 The Joint Reconstruction Approach	388
18.4.1	1 The Joint Conflict Resolution Approach	388
18.4.1	2 The Ho'o Ponopono Approach	388
18.5 PEAC	EBUILDING	389
19 HUM	AN SECURITY AND GLOBAL ENVIRONMENTAL GOVERNANCE	397
19.1 INTR	DDUCTION	398
19.2 DEFI	IING ENVIRONMENTAL GOVERNANCE	398
19.2.1	The basis of environmental governance	398
19.2.2	Pragmatic and idealistic objectives	399
19.2.3	A broad definition of environment	399
19.2.4	The crucial role of law	400
	IING GLOBAL ENVIRONMENTAL GOVERNANCE	401
	ACTORS IN GLOBAL ENVIRONMENTAL GOVERNANCE	403
	AL ENVIRONMENTAL GOVERNANCE AND HUMAN SECURITY	404
	NCING HUMAN SECURITY THROUGH GLOBAL ENVIRONMENTAL	
GOVE	RNANCE	405

20 CONCLUSIONS, PROSPECTS, FUTURES	411
20.1 HUMAN SECURITY IN WORLD AFFAIRS: CHALLENGES	412
20.1.1 'Ultimate Security' is receding from our reach	413
20.1.2 From 'Feeding the Hungry' towards the 'Minimum acceptable amount	
of good for the greatest number'	415
20.2 HUMAN SECURITY IN WORLD AFFAIRS: OPPORTUNITIES	418
20.2.1 Opportunities at the international level	418
20.2.2 Opportunities at the national and local levels	422
20.3 IMPROVING HUMAN SECURITY BEYOND THE MERELY SUSTAINABLE	430
20.3.1 The future of health security	431
20.3.2 Socio-political security: the spectre of fragmentation	435
20.3.3 What if the law is wrong?	438
20.3.4 The crisis of governability	440
EXTENSION: DEMOCRACY AND HUMAN SECURITY: TWO OPPOSING	
VIEWPOINTS	446
LIST OF CONTRIBUTORS	449
REFERENCES	459
INDEX	493

### **HUMAN SECURITY IN WORLD AFFAIRS**

**PROBLEMS & OPPORTUNITIES** 

#### Preface

Today, two decades after human security emerged in the literature and began to inform the political agenda of countries, the people who engage with the topic still tend to be experts with diverse academic backgrounds who share a general concern about the well-being of human individuals. They gravitated towards the field autodidactically, exploring relevant aspects and communicating about them with like-minded colleagues. Their diverse disciplinary perspectives range from human ecology to political theory, from cognitive psychology to clinical medicine, from cultural anthropology to international law – to name just a few of the fields represented by the authors of this text. In the absence of sufficient venues for cross-disciplinary communication that diversity of backgrounds and plurality of discourses often hinders cooperation among human security analysts and slows their progress in addressing important challenges collaboratively. The various unidisciplinary approaches to human security have also left some important fields underrepresented.

Surveying the rapidly expanding literature on human security we are impressed by the abundance of contributions, while at the same time feeling apprehensive about how little of that wealth of insights has actually contributed towards improving human security in the real world. We suspect that one reason for the shortfall may lie in theoretical misconceptions about reconciling the concepts of security, development, growth, and sustainability. Again what adds to the problem is that most authors do not address all four of those concepts together, and that indeed the four concepts are 'owned' by different fields of specialisation. Another observation that led us toward the concept of this textbook is that, to our knowledge, no textbook exists that is designed as a resource for teaching about human security in the didactic style of an effective learning aid.

We hope that this book will change all that. At this juncture in history, humanity faces new challenges, unprecedented in kind and in magnitude, that jeopardise its security and possibly its continued existence. Earth's policy makers, as well as all its citizens, need to make informed, responsible de-

cisions because their actions will determine the fate of many more generations. The more informed those decisions are, the more effective and sustainable the resulting policies can be, and the more secure our collective future can become. Responsible decision-making means that the interests of all affected parties and individuals are taken into account equitably and to the best of our abilities. Irresponsible decisions tend to be contested, misinterpreted, or ignored, which ultimately contributes little to the security of people.

Education systems around the globe are beginning to grapple with the challenge of empowering young people to make those decisions. Even at the university level, an increasing number and diversity of interdisciplinary programs are changing the profile of graduates from unidisciplinary specialist to multitalented, flexible, concerned generalists – people who share the necessary knowledge, skills, and dispositions to make a real difference. This text is designed to help students become that sort of graduate, through the following objectives.

### PROVIDE STUDENTS WITH A TRANSDISCIPLINARY OVERVIEW OF HUMAN SECURITY ISSUES

Each chapter in this text is written by a different author or team but focuses on common issues in human security. Some chapters introduce the student to an aspect of human security through the lens of a single discipline. Other chapters summarise diverse viewpoints and distil from them analytical conclusions that rely on a plurality of disciplines. As a result, the student develops a broad familiarity with the most pressing challenges to human security through a kaleidoscope of perspectives and ways of knowing.

## INTRODUCE STUDENTS TO DIVERSE CONCEPTUAL MODELS AND ANALYTICAL APPROACHES TO HUMAN SECURITY

Through the range of subject disciplines represented in the text the student becomes familiar with, and learns to compare, different ways of thinking about security and different ways of communicating about it. The overall message for the student is twofold: Analysing security challenges productively requires in-depth familiarity with the investigative approaches of more than a single discipline; and producing effective solutions relies on the synergistic application of multiple disciplines that are integrated in a pragmatic and eclectic fashion.

# INFORM STUDENTS ABOUT MAJOR SOURCES OF HUMAN INSECURITY, BOTH IN THE PRESENT AND AS PART OF PROBABLE FUTURES

Comprehensive models of human security indicate that sources of insecurity are located in the socio-political, economic, ecological, and health-related

Preface XV

aspects of human existence. Students will learn to apply those diverse lenses to some of today's most pressing security concerns, including global poverty, international crime, epidemics and pandemics, peak oil, violent conflict, scarcity of food and fresh water, climate change, and ecosystem deterioration. Established trends will be extrapolated and combined to synthesise probable visions of the future, given the understanding that change is a certainty.

Prediction is of course impossible but forecasting is essential for understanding change and developing proactive policies. Effective prediction needs to be based on alternative possible futures. The methodology of forecasting must be open and transparent. (Chen *et al* 2009: iv)

At the same time the many unsustainable and unsafe policies and practices that have led to the status quo make directed reforms imperative. Underlying those manifestations of crisis and counterproductive policies the student will recognise the dominant cause for the security crisis: *Homo sapiens* – our numbers, our behaviour, our thinking, and our values and beliefs.

## EXAMINE THE TENSION AND COMPLEMENTATION BETWEEN THE LOCAL AND GLOBAL DIMENSIONS OF HUMAN SECURITY ISSUES

Human security focuses on the concerns of individual human beings and of the communities they live in. At the same time, many security challenges as well as workable solutions extend from the local to the global dimensions while their manifestations may vary among those dimensions. With the help of case studies and scenarios students will learn to examine human security issues along that continuum and across several orders of magnitude. At the heart of this learning process lies the principle of inclusivity, stating that fair decisions must take into account the interests of all affected parties, both those alive and those yet to be born.

# PROMOTE CREATIVE THINKING ABOUT STRATEGIES TO ADDRESS SECURITY CHALLENGES

The transdisciplinary approaches explicated in this text provide the student with the cognitive instrumentarium and the multiplicity of lenses to practice their skills of creative thinking and critical analysis and to apply them to search for causations, strategies, obstacles, and solutions. Students will realise that the answer to a problem greatly depends on how the problem is framed and in what language it is discussed. Every piece of discourse contains implicit ideological elements – beliefs, values, ideals, etc. Students who learn to identify, analyse, and evaluate such content will be much better prepared for complex decision-making tasks.

Yet not all such alternative discourses are equally useful or meritorious; truly creative thinking must include metacognition – thinking about what modes of thinking can lead us to the most desirable goals in the most productive ways. That reflective process must also extend into ethics to allow the student to distinguish which values, beliefs, and ideals are conducive towards promoting human security and which are counterproductive. Only through such metaethical analysis can we transcend the paralysis of moral relativism.

# ENCOURAGE THE DEVELOPMENT OF DISPOSITIONS TOWARDS CARING ABOUT HUMAN SECURITY AND BECOMING ACTIVELY INVOLVED IN ITS PROMOTION

Among the reasons why we believe this book will make a difference is that many of its chapters encourage the student to develop a personal disposition towards security issues, to take sides, and to become actively involved in solutions. We take seriously the educator's duty to discuss competing values, attitudes, beliefs, and ideals, and to encourage moral reasoning. Without giving the student opportunities to become familiar with and to discuss the moral dimension of academic knowledge it would be disingenuous to expect graduates to make the 'right' decisions.

#### The need for a textbook on human security

We believe this to be the first book about human security that is specifically designed for teaching. In other words, we endeavoured to structure it according to pedagogical priorities rather than to reproduce the format of the standard academic monograph. In the light of the topicality of security issues worldwide we consider such a textbook to be long overdue. We also aimed to avoid representing an exclusively North American or European perspective, which already abound in the literature; the chapter authors of this text contribute perspectives from many diverse cultures and geographical locations.

We also perceive a very pressing need to address the implications of global ecological overshoot for human security. As we explain in the introductory chapter, those implications are largely neglected in the literature on human security, even though environmental security is now well represented. With respect to higher education, the potential benefits of this emphasis seem invaluable in terms of contributing to a transition towards a sustainable future.

Another reason for engaging in this project is that the perennial spectre of violent conflict is changing. The boundaries between global terrorism and counter-terrorism are blurring. Given the might of the global military industrial complexes, it seems uncertain to what extent the threat of violent

Preface XVII

conflict originates with actual terrorist groups, so-called rogue nations, or counter-terrorism, and to what extent such threats are confabulated, staged, or exaggerated through the power wielded by influential groups with a vested interest in perpetuating violent countermeasures.<sup>1</sup>

When the cold war ended those groups must have regarded the prospect of a peace dividend with some concern and doubtlessly engaged in efforts to promote their distinct interests. No corporation worth its stock would have done otherwise. Yet this probable backstage circumstance highlights a grave threat to human security that is also borne out by some of the scenario studies described in the introduction: the co-opting of security policies and security assessments by corporate actors. This reinforces our general argument that traditional security thinking is becoming less and less adequate to address the challenges at hand.

Fourth, and perhaps not unconnected with the developments mentioned above, we observe an increasing number of governments with explicitly neoliberal agenda in developed countries, some even with absolute majorities. To us, this points to the possibility of the citizenry being increasingly governed by people who listen to corporations more than they listen to average individuals. Recent political developments in Canada at the time of writing clearly support that proposition. This lack of representation is accompanied in many places by increasing and inequitable taxation and socioeconomic inequity, and increasing deficits to finance corporate bailouts and incessant wars. Apart from vociferous minorities such as the Occupy movement, civil society seems ill prepared to oppose those counterproductive policies or even to recognise the underlying problems. In the absence of strong and independent media, education about human security seems to offer a promising avenue for addressing those problems in the long term.

#### About the organisation of the chapters

Although the book is organised broadly to proceed from challenges towards solutions, the chapters can be read selectively and independently. Each chapter begins with a *summary*, the equivalent of the abstract of a journal article and is followed by a list of *learning outcomes & big ideas* to inform the reader of the chapter's objectives and suggest to the instructor possible criteria for assessment. The body text of each chapter is organised into numbered subsections to make it easy for the reader to locate specific topics.

At the end of each chapter a list of summary points allows for brief recapitulation and review, and connects with the learning outcomes & big ideas listed at the beginning. A section entitled *extension activities & further re-*

 $<sup>1\,</sup>$  For example, a disconcerting discovery that raised such questions regards the chemical analysis of dust samples from the 9/11 attacks. It revealed traces of unexploded nanothermite, a novel, heretofore unkown, military-grade explosive (Harrit 2009). The study was never published in North America.

XVIII

search follows for the benefit of students and instructors; it provides opportunities and guidance for pursuing important ideas beyond the confines of the chapters. Lastly, after a glossary of terms and definitions a list of further reading specifies which sources the authors of the chapters consider most beneficial for the reader, while the bibliographic references from the chapters have been pooled into a cumulative list at the end of the book.

Each chapter has undergone a thorough process of peer review and editing. Nevertheless, as editors we take full responsibility for any errors that may remain. To the best of our knowledge this is the world's first textbook of human security. We hope that students and instructors will find its use as gratifying as we found its conception.

Best wishes, Sabina Lautensach & Alexander Lautensach

### **LIST OF CONTRIBUTORS**

Paul Bellamy | Paul works in the New Zealand public sector. He is a former political science lecturer at the University of Canterbury and continues to deliver guest lectures at universities in New Zealand and abroad. He has undertaken work for Jane's International, Transparency International and the International Institute for Democracy and Electoral Assistance. He publishes in diverse areas and has co-led major international studies of human security and democracy. Paul is also a member of the editorial board for the *Journal of Human Security*. He is currently co-authoring a book on civil wars. Please note that the views expressed in his chapter are those of the author and not necessarily those of his employer.

Vladimir Bencko, MD PhD | Vladimir Bencko is Professor of the Institute of Hygiene and Epidemiology, 1st Faculty of Medicine, Charles University in Prague, Czech Republic. He was born in Rimavská SobotA in southern Slovakia and graduated from Medicine at the Charles University in Prague in 1961. During 1967-1972 he worked at the Institute of Hygiene (presently the National Institute of Public Health). From September 1986 he was senior research worker of the Institute of Tropical Health at Postgraduate Institute of Physicians and Pharmacists, Prague and charged with founding the Department of Tropical Hygiene. Professor Bencko was Head of the Institute of Hygiene and Epidemiology at the First Faculty of Medicine, Charles University in Prague from 1990 to 2009. He worked as temporary advisor for the WHO, as advisor to the Federal Committee for Environment of CSFR, as temporary consultant for the NATO Committee on Challenges to Modern Society, and he represented the Czech Republic in the Standing Committee of the European Medical Research Councils. He is a member of five international scientific societies, co-chair of the editorial board of the Central European Journal of Public Health and member of editorial boards of the other three international journals. He is a founding member of the CEEC Chapter of ISEE and was President 1999-2001. His main research interests are the biological monitoring and assessment of health risks of persistent environmental pollutants, including the indoor environment, hospital environment and traffic emissions; environmental epidemiology of cancer in collaboration with IARC/WHO/Lyon and NCI/Bethesda.

Klaus Bosselmann, PhD | Professor Bosselmann is Director of the New Zealand Centre for Environmental Law at the University of Auckland Faculty of Law. He is chair of various international professional bodies including the IUCN Commission on Environmental Law Ethics Specialist Group and the Global Ecological Integrity Group. Professor Bosselmann has been an advisor to UNEP, IUCN, the EU and the New Zealand and German governments on legal issues related to hazardous substances, biodiversity, climate change and sustainable development. He has authored or edited 25 books in the area of international environmental law, domestic environmental law and sustainability approaches to law-making and global governance.

Malcolm Brown, PhD | Malcolm Brown is a Senior Lecturer in Social Science at the University of Southern Queensland in Toowoomba, Australia, having previously worked in the United Kingdom, France, and New Zealand. He grew up in the small tourist town of Pitlochry in the Scottish Highlands and studied at the University of Glasgow, where he wrote a doctoral thesis on the construction of Muslim identities in the United Kingdom and France. Since then, and until recently, his research has focused on the sociological study of religion, racism, and Islamophobia. Major publications include Racism (2003, with Robert Miles), 'Reflections on Islam and Pacifism' (*The Australasian Journal of Human Security*, 2006), and 'The Multi-Faith Ethic and the Spirit of Social Business' (*Journal of Social Business*, 2012). His current research is located in the study of development, with a focus on social enterprise and cooperation between Non-Government Organisations in South East Asia. He is a particular fan of Thai and Burmese salads, which helps him to lose weight and eat well at the same time.

Kevin P. Clements, PhD | Professor Clements is the Foundation Chair of Peace and Conflict Studies and Director of the New Zealand Centre for Peace and Conflict Studies at the University of Otago, Dunedin, New Zealand, and Secretary General of the International Peace Research Association. Prior to taking up these positions he was the Professor of Peace and Conflict Studies and Foundation Director of the Australian Centre for Peace and Conflict Studies at the University of Queensland, Brisbane, Australia. In the past he worked for International Alert, on the Board of the European Centre for Conflict Prevention and as President of the European Peace Building Liaison Office in Brussels; as V.&M. Lynch Chair of Conflict Resolution and as Director at the Institute for Conflict Analysis and Resolution at George Mason University; as Director of the Quaker United Nations Office in Geneva; as Head of the Peace Research Centre at the Australian National University in Canberra; and on faculty at Canterbury University, Christchurch New Zealand, Hong Kong University, and Oxford University. His career has been a combination of academic analysis and practice in the areas of peacebuilding and conflict transformation. He has been an advisor to the New Zealand, Australian, British, Swedish and Dutch governments on conflict prevention, peace, defence and security issues and is currently advising the GerList of Contributors 451

man Government and the OECD on States and Violence. He was President of the International Peace Research Association (IPRA), President of the IPRA Foundation, and Secretary General of the Asia Pacific Peace Research Association and the International Peace Research Association 2008-2010.

Thomas F. Ditzler, PhD MA FRSPH FRAI | Thomas Ditzler is a civilian psychologist who has served in the Department of Defense since 1982. He is currently Director of Research for the Department of Psychiatry at Tripler Army Medical Center and holds clinical appointments in Psychiatry at the medical schools of the University of Hawaii and the Uniformed Services University of the Health Sciences, Bethesda. He was also an invited lecturer in the Program on Non-violent Sanctions and Cultural Survival at the Weatherhead Center for International Affairs at Harvard, Dr. Ditzler is a member of the International Advisory Council for the Toda Institute for Global Peace and Policy Research, and is a research associate at the Human Security Institute in Canada. Dr. Ditzler has completed human security training and fieldwork in nearly 50 countries and has conducted humanitarian assistance, disaster relief, peace operations and antiterrorism training for civilian and military personnel from over sixty countries. He has published numerous articles on disaster response and behavioral medicine in austere, depleted, contingency and transitional environments. He is a graduate of the Senior Executive Seminar at the George C. Marshall European Center for Security Studies and has pursued advanced studies at Oxford University, University of London (Birkbeck) and the Massachusetts Institute of Technology. Following graduation from United Nations Staff College, he became a member of the United Nations Training Assistance Team (UNTAT) and has served as a peace operations trainer. Dr. Ditzler is a Member of the Association of Military Surgeons of the United States, a Fellow of the Royal Society of Medicine, the Royal Society for Public Health and the Royal Anthropological Institute in the United Kingdom and is a Companion of the Naval Order of the United States.

Dietrich Fischer, PhD | Professor Fischer is Academic Director of the World Peace Academy in Basel (http://www.world-peace-academy.ch). From 2003-2009, he was Academic Director of the European University Center for Peace Studies in Stadtschlaining, Austria. He was a MacArthur Fellow in International Peace and Security Studies at Princeton University. He is the author of Preventing War in the Nuclear Age (1984) and Nonmilitary Aspects of Security: A Systems Approach (1993) and co-author of Warfare and Welfare: Integrating Security Policy into Socio-Economic Policy (with Nobel Laureate Jan Tinbergen, 1987), Winning Peace: Strategies and Ethics for a Nuclear-Free World (with Wilhelm Nolte and Jan Oberg, 1989), Conditions of Peace: An Inquiry (with Grace Boggs et al 1991), and Peace Mathematics (with Johan Galtung, 2012). He has been a consultant to various United Nations agencies on issues of disarmament and development.

Thomas Gimesi, PhD MA | Thomas Gimesi holds a BA, MA and PhD in philosophy and an MA in mediation and conflict management. He conducted multi-sited field research from 2004 to 2007 in Mainland Southeast Asia on postcolonialism and resistance movements and is regularly giving lectures on Vietnamese history and minority politics. At present his research interests focus on economic anthropology, ideology and the decision-making of subjected groups. Dr. Gimesi is currently running his own publishing house and is working as a consultant for governmental and nongovernmental institutions in the fields of public diplomacy and communicative crisis management.

Patricia R. Hastings, MD MPH | Colonel Patricia R. Hastings has had a commitment to Emergency Medical Services (EMS) since her graduation as an EMT and registered nurse in 1976. She entered the Army in 1983 after completing medical school and completed her residency in Emergency Medicine. During a break in Army service she served as the Medical Director for the State of Arizona Office of EMS she helped develop the state's trauma system and EMS for Children programs. Most of her initiatives focused on educational programs for enhanced scopes of practice and medical control for pre-hospital personnel that had to function is a state with significant time and treatment issues due to its expanse and terrain. COL Hastings served as Medical Director for the Center of Excellence in Disaster Management and Humanitarian Assistance, a World Health Organization Collaborative Center for Civil-Military operations where she again promoted global EMS initiatives and consulted on operations with agencies and governments in Africa, Asia, and Eastern Europe to improve prehospital response and austere medical care. Colonel Hastings believes her best assignments were working with Combat Medics and getting 39,000 certified as EMTs for their basic certification. She is currently the Deputy Assistant Surgeon General (Force Projection) and continues to advocate for Combat Medics and advanced skills training for pre-hospital personnel.

Ronnie Hawkins, MD PhD | Ronnie Hawkins has an MD and a PhD in philosophy, both from the University of Florida. She taught courses in bioethics, philosophy of science, environmental philosophy, and existentialism at the University of Central Florida until her retirement in 2011. For the last three decades, her central concern has been the anthropogenic destruction of Life on Earth, and her primary philosophical interest lies in developing ways of awakening our human species to its folly so it can cease and desist. From a scientific perspective, she believes, we ought to be able to see ourselves as social primates who have collectively constructed a worldview that no longer reflects a sound understanding of biological reality. Once we grasp this fact, we should be able to make intelligent changes in the abstract conceptual structures that currently are driving us to destabilize the systems of the Earth. She also believes that we must choose to limit the size of our human population in order for other living creatures to survive – a truly "pro-Life" position.

List of Contributors 453

Anna Hayes, PhD | Dr. Hayes is a Senior Lecturer (International Relations) in the Faculty of Arts at the University of Southern Queensland, Australia. She has published a number of papers examining the human security dimension of the HIV/AIDS epidemic in China. More recently, she has conducted research on the Uighur diaspora in Adelaide Australia, and their experiences of living outside of the Chinese state. She is co-editor of two forthcoming books: Migration and Insecurity: Citizenship and social inclusion in a transnational era (Routledge – 2012) with Niklaus Steiner and Robert Mason, and Cultures in Refuge: Seeking Sanctuary in Modern Australia (Ashgate – 2012) with Robert Mason.

Louis J. Kotzé, PhD | Louis Kotzé is Professor of Law at the Faculty of Law of the North-West University (Potchefstroom Campus), South Africa where he directs the post-graduate LLM programme in Environmental Law and Governance. He is the author, co-author, and co-editor of various publications on themes related to South African, regional and international environmental law. His latest monograph is entitled: Global Environmental Governance: Law and Regulation for the 21st Century (Edward Elgar, 2012). His current research focuses on environmental constitutionalism, human rights and the environment, and global environmental governance. He is assistant editor of the Potchefstroom Electronic Law Journal, the South African Journal of Environmental Law and Policy and the Journal of Human Rights and the Environment. Louis is a member of, among others, the IUCN Commission on Environmental Law, the IUCN Academy of Environmental Law, the Volkswagen Stiftung Global Young Faculty, the Global Ecological Integrity Group and the Environmental Law Association of South Africa. He is an Alexander von Humboldt fellow and an IUCN Academy of Environmental Law Visiting Professor at the University of Ottawa, Canada.

Christopher LaMonica, PhD | Christopher LaMonica is an Associate Professor of Comparative Politics at the U.S. Coast Guard Academy. His research interests include the politics of development, international relations theory and practice, and African political thought. He earned a BA in Economics at the University of Massachusetts/Amherst, an MA in International Relations at Boston University (International Graduate Program/Paris), an MPP in International Development at Harvard University's Kennedy School, and a PhD in Comparative Politics at Boston University. He has taught courses on Comparative Politics, International Relations, African Politics, Sub-Saharan African History, and other subjects at Boston University, the University of Rhode Island, and Victoria University of Wellington in New Zealand. Prior to entering academia Chris worked for ten years in international development with the Organization for Economic Cooperation and Development (OECD), the Harvard Institute for International Development (HIID) and USAID/Zambia.

Alexander K. Lautensach, PhD | Alex Lautensach began his academic career in his native Germany as a biologist, specialising in genetics, zoology and biochemistry. He still approaches sustainability mainly from an ecological angle. In Canada he acquired master's degrees in molecular biology and science education, and trained as a secondary teacher. His doctoral work focused on education in environmental ethics. His teaching over three decades extended through life sciences, environmental science, bioethics, and education. In his present capacity as assistant professor in the School of Education of the University of Northern British Columbia (Terrace campus) he helps train elementary teachers for public schools. He is also associate editor of the Journal of Human Security and deputy director of the Human Security Institute (Canada). His research interests include environmental ethics, science education, teaching and learning for sustainability, bioethics education and human ecology. He has published numerous articles and book chapters ranging from molecular biology through pedagogy to bioethics and human ecology. His work in human security focuses on its healthrelated and environmental pillars. In 2010 he published Environmental Ethics for the Future: Rethinking Education to Achieve Sustainability (Lambert Academic Publ.). He loves playing his guitars when he can.

Sabina W. Lautensach, PhD | Sabina Lautensach has a background in political science & anthropology, an MA in international relations, and a PhD in intercultural conflict resolution. She has been founder and Editor-in-Chief of the *Journal of Human Security* since its inception in 2005. She is also founder and Director of the Human Security Institute (Canada) http://www.hsihumansecurityinstitute.com Her research interests include social and physical anthropology, confidence building measures, conflict resolution, and intercultural negotiation. Her work in human security covers its sociopolitical, economic, health-related and environmental pillars. She serves on the boards of several international journals. Since 1997 she has taught courses in international relations, peace studies, development, human rights, anthropology, and history at universities in numerous countries on four continents. She plays the flute and she loves all animals, especially dogs.

Jeffrey S. Morton, PhD | Jeffrey Morton received his Master's degree in political science from Rutgers University in 1991 and his Doctorate in International Relations from the University of South Carolina in 1995, specializing in International Law. He is the author of three books and numerous journal articles and book chapters. His research has appeared in the Journal of Peace Research, Journal of International & Comparative Law, International Interactions, Global Society and the Journal of Genocide Research. His principal area of research is the law of armed conflict. Jeffrey Morton is currently Professor of International Law in the Department of Political Science at Florida Atlantic University, Director of the University's Diplomacy Program and recipient of the 2012 Foreign Policy Association Medal.

List of Contributors 455

Richard Plate, PhD | Richard Plate's research focuses on how people think and learn about complex environmental systems. This work is based on two assumptions: that managing natural resources sustainably will require a shift in how we view ourselves and our relationship to the environmental systems that support us, and that failure to make such changes now will place unnecessary hardships on future generations. The context for this work has included waste management in the Fiji Islands, coastal development and fisheries in the Turks and Caicos Islands, forest management in the southeastern United States, sustainable energy production, and global climate change. He is currently a post-doctoral researcher at the University of Florida.

Marc Pratarelli, PhD | Marc Pratarelli was trained as a cognitive neuroscientist and received his PhD from the University of Southern California in 1991. He has conducted research on the brain basis of language, brain imaging techniques for detection of concealed information, and Internet addiction. He is a long time conservationist and his most recent decade of research is focused in the area of Human Evolutionary Psychology with an emphasis in conservation psychology. His specific interests include the biological and cultural motivators of consumer and conservationist behavior, including values, attitudes, and beliefs. He is presently Professor of Psychology at Colorado State University at Pueblo where he teaches courses in evolutionary psychology, quantitative research methods, and environmental/conservation psychology. He is also the Director of the University Honors Program and Chair of the Institutional Review Board. His numerous scholarly publications include three books entitled Niche Bandits: Why Big Brains Consumed an Ecosystem (2003), Paradigm Shift: Environmental Psychology/Ethics for Environmentalists (2007), and Myopic Man: On the Nature and Universality of Human Self-Deception and Its Long Term Effects on Our Environment (2008). Professor Pratarelli is also an associate of the International Institute for the Study of Humankind at the Universita' di Firenze as well as other local, national and international organizations.

John Quinn, MD | John Quinn is a recent medical graduate and present PhD researcher in the epidemiology and health security in fragile and failed states. His MPH fieldwork was completed in Iraq and Kurdistan in public health status of vulnerable communities and he has worked as a paramedic in war. He has published on fragile and failed states in conflict zones and health status of populations at war, PTSD in Iraq and Afghanistan, multiple health assessments in Central Europe, the Middle East and Asia, food crisis and food security. Further research and practical interests include new trends in trauma and emergency medicine in conflict zones and war, healthcare economics, doctor and medical worker brain drain and stabilizing fragile states through public health efforts.

Donald Spady, MD PhD | Don Spady is a paediatrician who holds adjunct appointments in the Department of Paediatrics in the Faculty of Medicine & Dentistry and the School of Public Health Sciences, both at the University of Alberta, Canada. The latter appointment reflects his strong belief that health neither starts nor stops in the hospital or the clinic. He has done research in childhood nutrition, in epidemiology, and in environmental law. He was actively involved in medical education for many years. Although his former office sign said Paediatric Epidemiology, he was, and is, more aligned to Paediatric Meditation. This alignment led him to explore issues of health and child health that most paediatricians have not had the time to do. Some might call this day-dreaming. He prefers to consider it as examining issues of major importance, not only to child health but to population health in general, and which, if left unexplored and not acted upon, will ultimately lead to significant distress for society. We all know that when we consider child health we must consider more than just the 'biological child'; we must consider the immediate context within which the child lives, such as family and community, but we also must consider the context within which the family and community function - things like "what does a family or community need in order to function?" These things can profoundly affect the development and life-long health of the child. A key 'contextual feature' is the environment, especially the resources we use in order to survive - resources like energy, water, and ecosystem services. These interests led him to become interested in peak oil, the environment, ecological integrity, and the consequences of their disruption on population health and health care delivery. He continues to actively pursue these interests.

Hennie Strydom, PhD | Hennie Strydom was born in 1956 in South Africa and studied law and philosophy and later specialised in Public International Law. He currently holds the chair for Public International Law at the University of Johannesburg. His research has focused on general principles of Public International Law, Humanitarian Law, Environmental Law, Human Rights Law, and Regional Peace and Security. He is the co-editor of the African Yearbook on International Humanitarian Law and serves on the editorial board of the South African Yearbook on International Law. He is an Alexander von Humboldt Scholar and has undertaken numerous research visits to the Max Planck Institute for Public International Law in Heidelberg, Germany. He is currently the President of the South African Branch of the International Law Association.

John Wilson, PhD | Dr. Wilson is a visiting lecturer in the School of Government, Victoria University of Wellington, New Zealand, where he has taught in the areas of globalisation, political economy, and public policy. His research interests include the impact of global environmental and resource constraints on the domestic economy and how these are likely to affect inter-state relations. Recent publications include chapters on Iran and Saudi Arabia in Karl DeRouen Jr. and Paul Bellamy (eds.) International Security and the United States (2008).

List of Contributors 457

Editorial Assistant: Joel Baerg, BA | Joel Baerg received his undergraduate degree in International Studies from the University of Northern British Columbia. He has spent many years living, teaching, and studying in the United States, Mongolia, Thailand, and China. In 2013 he moved with his family to China to focus on foreign language acquisition.

