

Franz-Theo Gottwald
Hans Werner Ingensiep
Marc Meinhardt
Editors

Food Ethics

 Springer

Food Ethics

Franz-Theo Gottwald · Hans Werner Ingensiep ·
Marc Meinhardt
Editors

Food Ethics

 Springer

Editors

Franz-Theo Gottwald
Schweisfurth Foundation
Suedliches Schlossrondrell 1
80638 München
Germany
cthomas@schweisfurth.de

Hans Werner Ingensiep
Institute für Philosophy
University of Duisburg-Essen
Universitätsstr. 12
45117 Essen
Germany
h.w.ingensiep@uni-due.de

Marc Meinhardt
Institute für Philosophy
University of Duisburg-Essen
Universitätsstr. 12
45117 Essen
Germany
marcmeinhardt@gmx.de

ISBN 978-1-4419-5764-1 e-ISBN 978-1-4419-5765-8
DOI 10.1007/978-1-4419-5765-8
Springer New York Dordrecht Heidelberg London

Library of Congress Control Number: 2010921385

© Springer Science+Business Media, LLC 2010

All rights reserved. This work may not be translated or copied in whole or in part without the written permission of the publisher (Springer Science+Business Media, LLC, 233 Spring Street, New York, NY 10013, USA), except for brief excerpts in connection with reviews or scholarly analysis. Use in connection with any form of information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed is forbidden.

The use in this publication of trade names, trademarks, service marks, and similar terms, even if they are not identified as such, is not to be taken as an expression of opinion as to whether or not they are subject to proprietary rights.

Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Contents

1 Introduction: Food Ethics in a Globalized World – Reality and Utopia	1
Hans Werner Ingensiep and Marc Meinhardt	
Part I Food, Consumers, and Policy	
2 The Ethical Matrix as a Tool in Policy Interventions: The Obesity Crisis	17
Ben Mephram	
3 Ethical Traceability for Improved Transparency in the Food Chain	31
Christian Coff	
Part II GM-Food Production	
4 Ethics and Genetically Modified Foods	49
Gary Comstock	
5 Responsible Agro-Food Biotechnology: Precaution as Public Reflexivity and Ongoing Engagement in the Service of Sustainable Development	67
Marian Deblonde	
6 Precautionary Approaches to Genetically Modified Organisms and the Need for Biosafety Research	87
Anne Ingeborg Myhr	
7 Biotechnology, Battery Farming and Animal Dignity	101
Peter Kunzmann	
Part III Food, Globalization, and Water	
8 Agricultural Trade and the Human Right to Food: The Case of Small Rice Producers in Ghana, Honduras, and Indonesia	119
Armin Paasch, Frank Garbers, and Thomas Hirsch	

9	Hunger, Poverty, and Climate Change: Institutional Approaches, a New Business Alliance, and Civil Courage to Live Up to Ethical Standards	137
	Franz-Theo Gottwald	
10	Food Versus Fuel: Governance Potential for Water Rivalry	153
	Lena Partzsch and Sara Hughes	
11	Whose Nature – Whose Water? Some Remarks About the History of Ideas, Property and Democracy of Water	167
	Uta von Winterfeld	
12	Towards a New Architecture of Agricultural Trade in the World Market	185
	Wolfgang Sachs and Tilman Santarius	
13	Epilogue: The Schweisfurth Foundation – A German Food-Ethics-Platform	205
	Franz-Theo Gottwald	
Index	209

About the Authors

Christian Coff, PhD in food ethics, is an agricultural scientist and was Research Director at the Center for Ethics and Law in Copenhagen. Coff founded the first consumer-supported agriculture organization (CSA) in Denmark in 2001 and published the book “The Taste for Ethics: An Ethic of Food Consumption” (2006).

Gary L. Comstock is Professor for Philosophy at North Carolina State University, Raleigh, N.C, a member of EURSAFE, and was Director of the Research and Professional Ethics Program at NC State University (2002–2007). Comstock organized international projects in the field of bioethics and is editor of the textbook “Life Science Ethics” (2002).

Marian Deblonde, PhD in Applied Philosophy, works for the IST, Flemish Parliament, Brussels, and was senior researcher at IMDO Technology Assessment research group, the Institute for Environment and Sustainable Development of the University of Antwerp. Deblonde has researched and published on central questions in technology risk assessment, sustainable development, participative methods, and political decision making.

Frank Garbers, PhD in Anthropology at the University of Hamburg, is a consultant for agrarian politics and development cooperation. Garbers worked for many years in Guatemala and researched the impact of globalization on peasant economies. He has published articles about the free trade agreement between Central America and the USA and the right to food, agrarian reform, and rural development.

Franz-Theo Gottwald, Honorary Professor for Environmental-, Agrarian and Nutritional Ethics at Humboldt University, Berlin, is Executive Director of the Schweisfurth Foundation, Munich, Germany. Gottwald has published many articles and is co-editor of many books in the field of agrarian culture, management and philosophy.

Thomas Hirsch, geographer and social scientist, has worked on rural development, agricultural trade, human rights, and ecology and was engaged in local and international NGOs in Latin America and Asia. Hirsch was for eight years the Finance Director of the human rights organization FIAN International and works now as policy advisor on Climate Change and Food Security for the Protestant development cooperation agency Bread for the World (Brot für die Welt) in Germany.

Sara Hughes, PhD Environmental Science and Management, Master of Science, Fisheries and Wildlife, works at the University of California, Santa Barbara. Hughes has taught, researched, and published in the field of virtual water, sustainable development, environmental law, and politics.

Hans Werner Ingensiep, PhD biology and Professor for Philosophy, teaches at the Center for Medical Biotechnology at the University of Duisburg-Essen, Germany. He has published several books in the field of biophilosophy, bioethics, and food philosophy for example as co-editor of the anthology “Leben, Töten, Essen – Anthropologische Dimensionen” (2000).

Peter Kunzmann, PhD, philosopher and theologian, is Professor for Bioethics at the Center for Ethics, University of Jena, Germany. Kunzmann worked in a research project on the “dignity” of animals and plants in gene technology and published several articles and books in the field of philosophy and animal ethics for example “Die Würde des Tieres – zwischen Leerformel und Prinzip” (2007).

Marc Meinhardt MA, studied philosophy, political science, and history at the University of Duisburg-Essen. Meinhardt has published and worked on the philosophical and political dimensions of Food Ethics.

Ben Mepham was formerly Director of the Center for Applied Bioethics at the University of Nottingham. Since retirement, he has held honorary professorships in bioethics at the School of Biosciences, University of Nottingham and in the Department of Policy Studies, University of Lincoln. Mepham was a founder member of the UK Government’s Biotechnology Commission, the European Society for Agricultural and Food Ethics (EURSAFE), and the Food Ethics Council (of which he was the first Executive Director). In 2008 Mepham published the second edition of his highly acclaimed textbook “Bioethics: An introduction for the biosciences.”

Anne Ingeborg Myhr, PhD studied biotechnology and is a scientist at the Norwegian Institute of Gene Ecology in Tromsø. She worked on “Precaution, Context and Sustainability. A Study of How Ethical Values may be Involved in Risk Governance of GMOs.” Myhr’s present research interests in an interdisciplinary project are DNA vaccines, the elaboration of philosophical perspectives on GMOs, and capacity building in risk assessment and management of GMO use and release in the Third World.

Armin Paasch, Master in history at Cologne University, is the Trade Officer of the German section of the organization FoodFirst Information and Action Network (FIAN), the international Human Rights Organization for the Right to Food. Paasch has conducted various studies on agrarian reforms, about the impact of trade policies on the right to food and about hunger policies.

Lena Partzsch, PhD in political sciences, has worked on environmental policy and is member of the department of economics at the Helmholtz Center for Environmental Research in Germany. Partzsch worked and published on global and

new governance modes in environmental and developmental policies, water science, and European Integration.

Wolfgang Sachs, PhD, sociologist, Honorary Professor at the University of Kassel, works at the Wuppertal Institute for Climate, Environment, and Energy, Germany. In the last decades he was a member of many research groups dealing with energy, environment, sustainability, globalization, and developmental politics. Sachs has been active in Greenpeace, Germany, and is a member of the Club of Rome. He has published many articles and books in the wide field of international developmental policy for example “The Development Dictionary: A Guide to Knowledge as Power” (1992).

Tilman Santarius, MA in sociology, anthropology, and economics works for the Heinrich-Böll-Foundation and Germanwatch e.V. and was Senior Research Fellow at the Wuppertal Institute for Climate, Environment, and Energy, Germany. Santarius worked in the area of economic instruments in climate policy, global governance, and issues regarding trade and environment. With Wolfgang Sachs he is co-author of “Fair Future. Limited Resources, Security, and Global Justice” (2007).

Uta von Winterfeld, PhD studied philosophy and political science and is the leader of the research project “Sustainable Production and Consumption” at the Wuppertal Institute for Climate, Environment, and Energy, Germany. Von Winterfeld researched and published in the fields of social relations to nature, feminist criticisms of science, and sustainable employment.

Contributors

Christian Coff University College Sjælland, Ankerhus, Denmark.

Gary Comstock Iowa State University, Raleigh, NC, USA, gcomstock@ncsu.edu

Marian Deblonde Institute Society and Technology – Flemish Parliament, Brussels, Belgium, marin.deblonde@vlaamsparlement.be

Frank Garbers Terre des Hommes, Osnabrück, Germany, info@garbers.info

Franz-Theo Gottwald CEO Schweisfurth Foundation, Munich, Germany, cthomas@schweisfurth.de

Thomas Hirsch Brot für die Welt, Stuttgart, Germany, t.hirsch@brot-fuer-die-welt.de

Sara Hughes Bren School of Environmental Science and Management, University of California, Santa Barbara, CA, USA, shughes@bren.ucsb.edu

Hans Werner Ingensiep Institute for Philosophy, University of Duisburg-Essen, Essen, Germany, h.w.ingensiep@uni-due.de

Peter Kunzmann Ethikzentrum Jena, Jena, Germany, peter.kunzmann@uni-jena.de

Marc Meinhardt Institute for Philosophy, University of Duisburg-Essen, Essen, Germany, marcmeinhardt@gmx.de

Ben Mepham Center for Applied Bioethics, University of Nottingham, Nottingham, UK, ben.mepham@nottingham.ac.uk

Anne Ingeborg Myhr Genøk – Center for Biosafety, Tromsø, Norway, anne.i.myhr@uit.no

Armin Paasch Misereor, Aachen, Germany, armin.paasch@misereor.de

Lena Partzsch Department of Economics, Helmholtz Center for Environmental Research, Leipzig, Germany, lena.partzsch@ufz.de

Wolfgang Sachs Wuppertal Institute, Wuppertal, Germany,
wolfgang.sachs@wupperinst.org

Tilman Santarius Heinrich-Böll-Foundation, Berlin, santarius@boell.de

Uta von Winterfeld Wuppertal Institut für Klima, Umwelt, Energie, Wuppertal,
Germany, uta.winterfeld@wupperinst.org

Abbreviations

AML	Animal microencephalic lumps
AMPU	Anand Milk Producers Union
AoA	Agreement on Agriculture
BMI	Body Mass Index
BMU	Federal Ministry of Environment (Germany)
BULOG	Badan Urusan Logistic
CA	Consumers Autonomy
CAC	Codex Alimentarius Commission
CAP	Common Agriculture Policy
CARMEL	Cooperativa Asociativa de Campesinos de Transformacion y Servicios Otorena
CBD	Convention on Biological Diversity
CESCR	Committee on Economic, Social, and Cultural Rights
CF	Consumers Fairness
CIF	Council of International Fellowship
COM	Communication of the European Commission on the Precautionary Principle
CW	Consumers Wellbeing
DR-CAFTA	Free Trade Agreement between USA and Central American Countries
EAA	Ecumenical Advocacy Alliance
EED	German Church Development Service
EFSA	European Food Safety Authority
EKAH	Swiss Federal Ethics Committee on Nonhuman Biotechnology
EM	Ethical Matrix
ERS	Economic Research Service
ETO	Extraterritorial Obligations
EU	European Union
EurepGAP	European Good Agricultural Practices
EURSAFE	European Society for Agricultural and Food Ethics
FAO	Food and Agriculture Organization
FAOSTAD	Statistical Database of the United Nations Food and Agriculture Organization

FIAN	FoodFirst Information and Action Network
GATS	General Agreement on Trade in Services
GATT	General Agreement on Tariffs and Trade
GDFL	Grameen Danone Food Ltd.
GMO	Genetically Modified Organism
HACCP	Hazard Analysis of Critical Control Points
HSSFF	High sugar, salt, and fat foods
ICESCR	International Convent on Economic, Social and Cultural Rights
ICFFA	International Commission on the Future of Food and Agriculture
IFOAM	International Federation of Organic Agriculture Movements
IGO	Intergovernmental Organization
IHMA	Honduran Institute of Agricultural Marketing
ILO	International Labor Organization
IMF	International Monetary Fond
IPC	International Policy Council
IPCC	Intergovernmental Panel on Climate Change
IPPC	International Plant Protection Commission
ISO	International Organization for Standardization
MA	Marketers Autonomy
MDG	Millennium Development Goals
MERCUSOR	Mercado Común del Sur
MF	Marketers Fairness
MOFA	Ministry of Food and Agriculture
Mt	Metric tonnes
MW	Marketers Wellbeing
NAFTA	North American Free Trade Agreement
NBC	National Biosafety Commission
NC	Naïve Consequentialism
NEG	Negative
NGO	Non-Governmental Organization
NHS	National Health Service
NTNU	Norges teknisk-naturvitenskapelige universitet
OECD	Organization of Economic Cooperation and Development
OIE	World Organization for Epizootics
PA	Producers Autonomy
PF	Producers Fairness
POM	Policy Objectives Matrix
POS	Positive
PW	Producers Wellbeing
R&D	Research and Development
RSPCA	Royal Society for the Protection of Animals
RSPO	Roundtable on Sustainable Palm Oil
SA	Societies Autonomy
SAP	Structural Adjustment Programme