

Global Meat

Food, Health, and the Environment

Series Editor: Robert Gottlieb, Henry R. Luce Professor of Urban and Environmental Policy, Occidental College

For a complete list of books published in this series, please see the back of the book.

Global Meat

Social and Environmental Consequences of the Expanding Meat Industry

Edited by Bill Winders and Elizabeth Ransom

**The MIT Press
Cambridge, Massachusetts
London, England**

© 2019 Massachusetts Institute of Technology

This work is subject to a Creative Commons CC BY-NC-ND license.



Subject to such license, all rights are reserved.

The open access edition of this book was made possible by generous funding from the MIT Libraries.

This book was set in ITC Stone Serif Std and ITC Stone Sans Std by Toppan Best-set Premedia Limited. Printed and bound in the United States of America.

Library of Congress Cataloging-in-Publication Data

Names: Winders, William, 1971- editor.

Title: Global meat : social and environmental consequences of the expanding meat industry / edited by Bill Winders and Elizabeth Ransom.

Description: Cambridge, MA : The MIT Press, [2019] | Series: Food, health, and the environment | Includes bibliographical references and index.

Identifiers: LCCN 2019001208 | ISBN 9780262537735 (paperback : alk. paper)

Subjects: LCSH: Meat industry and trade--Environmental aspects. | Meat industry and trade--Social aspects.

Classification: LCC HD9410.5 .G56 2019 | DDC 338.4/76649--dc23 LC record available at <https://lccn.loc.gov/2019001208>

10 9 8 7 6 5 4 3 2 1

For Violet and Sam.—BW

For my family.—ER

Contents

Series Foreword ix

Preface xi

- 1 Introduction to the Global Meat Industry: Expanding Production, Consumption, and Trade 1**
Bill Winders and Elizabeth Ransom
- I Global Forces 25**
- 2 Corporate Concentration in Global Meat Processing: The Role of Feed and Finance Subsidies 31**
Philip H. Howard
- 3 Aquatic CAFOs: Aquaculture and the Future of Seafood Production 55**
Conner Bailey and Nhuong Tran
- II From Global to Local 75**
- 4 China's Global Meat Industry: The World-Shaking Power of Industrializing Pigs and Pork in China's Reform Era 79**
Mindi Schneider
- 5 Amerindians, Mestizos, and Cows in the Ecuadorian Amazon: The Silvopastoral Ecology of Small-Scale, Sustainable Cattle Ranching 101**
Thomas K. Rudel

- 6 Cheap Meat and Cheap Work in the U.S. Poultry Industry: Race, Gender, and Immigration in Corporate Strategies to Shape Labor** 121
Carrie Freshour
- III Consequences and Considerations** 141
- 7 Contributions to Global Climate Change: A Cross-National Analysis of Greenhouse Gas Emissions from Meat Production** 145
Riva C. H. Denny
- 8 Livestock Intensification Strategies in Rwanda: Ethical Implications for Animals and a Consideration of Potential Alternatives** 167
Robert M. Chiles and Celize Christy
- 9 Conclusions about the Global Meat Industry: Consequences and Solutions** 185
Elizabeth Ransom and Bill Winders
- References 201
List of Contributors 235
Index 239

This is a section of [doi:10.7551/mitpress/11868.001.0001](https://doi.org/10.7551/mitpress/11868.001.0001)

Global Meat

Social and Environmental Consequences of the Expanding Meat Industry

Edited by: Bill Winders, Elizabeth Ransom

Citation:

Global Meat: Social and Environmental Consequences of the Expanding Meat Industry

Edited by: Bill Winders, Elizabeth Ransom

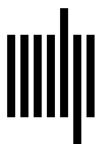
DOI: 10.7551/mitpress/11868.001.0001

ISBN (electronic): 9780262355384

Publisher: The MIT Press

Published: 2019

The open access edition of this book was made possible by generous funding and support from MIT Libraries



The MIT Press

© 2019 Massachusetts Institute of Technology

This work is subject to a Creative Commons CC BY-NC-ND license.



Subject to such license, all rights are reserved.

The open access edition of this book was made possible by generous funding from the MIT Libraries.

This book was set in ITC Stone Serif Std and ITC Stone Sans Std by Toppan Best-set Premedia Limited. Printed and bound in the United States of America.

Library of Congress Cataloging-in-Publication Data

Names: Winders, William, 1971- editor.

Title: Global meat : social and environmental consequences of the expanding meat industry / edited by Bill Winders and Elizabeth Ransom.

Description: Cambridge, MA : The MIT Press, [2019] | Series: Food, health, and the environment | Includes bibliographical references and index.

Identifiers: LCCN 2019001208 | ISBN 9780262537735 (paperback : alk. paper)

Subjects: LCSH: Meat industry and trade--Environmental aspects. |

Meat industry and trade--Social aspects.

Classification: LCC HD9410.5 .G56 2019 | DDC 338.4/76649--dc23 LC record available at <https://lcn.loc.gov/2019001208>

10 9 8 7 6 5 4 3 2 1