

# Vulnerable Places, Vulnerable People

Trade Liberalization, Rural Poverty and the  
Environment

*Edited by*

Jonathan A. Cook

*WWF, USA*

Owen Cylke

*WWF, USA*

Donald F. Larson

*The World Bank, USA*

John D. Nash

*The World Bank, USA*

Pamela Stedman-Edwards

*WWF, USA*

A co-publication of The World Bank, WWF and Edward Elgar



THE WORLD BANK

W\$  
WWF

**Edward Elgar**

Cheltenham, UK • Northampton, MA, USA

# Contents

<i>List of figures</i>	vii
<i>List of tables</i>	viii
<i>List of contributors</i>	ix
<i>Preface</i>	xi
Warren Evans and David Reed	
<i>Acknowledgments</i>	xv
1 Trade liberalization, rural poverty and the environment <i>Jonathan A. Cook, Owen Cylke, Donald F. Larson, John D. Nash and Pamela Stedman-Edwards</i>	1
2 Trade liberalization, rural poverty and the environment: a case study of the forest and salmon sectors in Chile <i>Raul O’Ryan, with Mario Niklitschek, Edwin Niklitschek, Andres Ulloa and Nicolo Gligo</i>	14
3 The impacts of trade liberalization in Pingbian, China <i>He Darning and Liu Jiang, with Bobby Cochran</i>	42
4 Shrimp exports, environment and human well-being in the Sundarbans, West Bengal <i>Kanchan Chopra, with Pushpam Kumar and Preeti Kapuria</i>	63
5 Trade liberalization, rural poverty and the environment: two studies of agricultural exports in Madagascar <i>Bart Minten, with Philippe Meral, Lalaina Randrianarison and Johan Swinnen</i>	78
6 Trade liberalization, rural poverty and the environment: a case study of sugarcane production in the Incomati River Basin in Mpumalanga, South Africa <i>Jo Lorentzen, Anton Cartwright and Charles Meth</i>	98
7 Expansion of shrimp farming in Ca Mau, Vietnam <i>Mai Trong Thong, with Hoang Xuan Thanh, Ha Thi Phuong Tien, Nguyen Thu Huong, Tran Tuyet Hanh, Ngo Van Hai, Vu Ngoc Huyen, Le Dang Trung, Le Phu Cuong, Le Van Hung, Cao Chi Hung, Tham Thi Ngoc Diep and Jacques Marcille</i>	126
8 Lessons from the case studies: 1 <i>Pamela Stedman-Edwards, Jonathan A. Cook and Owen Cylke</i>	145

9	Lessons from the case studies: 2 <i>John D. Nash and Donald F. Larson</i>	174
10	Beyond trade: economic transition in the globalization era and prospects for poverty and environment <i>Bruno Losch</i>	198
	<i>Index</i>	211