

New Publication

## **Food and Nutrition Security in the Process of Globalization and Urbanization**

**Spektrum 84, Berlin Series on Society, Economy and Politics in Developing Countries**

**UWE KRACHT AND MANFRED SCHULZ (Eds.)**

Lit Publisher, Münster, 2005, ISBN 3-8258-6709-9, 909 pp., €69,90



The reader in two volumes but in one book examines key issues of food and nutrition security under the driving forces of globalization and urbanization. The different sections and chapters present approaches to food security throughout the world in a historic as well as a systematic perspective. The methods applied are both qualitative and quantitative. Although much has been written on food security, a systematic treatment of a historical-empirical and theoretical-analytical view is a recent development, and we have therefore chosen a ‘holistic’ approach.

The first volume contains contributions of a more historical-empirical nature; the second volume is policy oriented. Each volume is essentially self-contained and can be read in its own right, according to the reader’s

interest.

The current work builds on our 1999 volume on “Food Security and Nutrition – The Global Challenge”. Our new reader comprises 62 articles by 71 authors. It is written for a broad audience, including scientists, experts, consultants, practitioners of development aid and students. The reader constitutes one of the most comprehensive compendia of its kind.

Order in Germany by: Lit Verlag

Grevener Str./Fresnostr. 2 D-48159 Münster

Tel. +49/(0)251-6203 20 Fax +49/(0)251-23 19 72

e-Mail: [lit@lit-verlag.de](mailto:lit@lit-verlag.de) <http://www.lit-verlag.de>

Distributed in the UK by: Global Book Marketing

38 King Street, London WC 2E 8JT

Phone: +44(0) 207 240 66 49 Fax: +44(0) 20 7497 0309

<http://www.globalbookmarketing.co.uk>

Distributed in North America by Transaction Publishers

Rutgers University, 35 Berrue Circle, Piscataway, NJ 08854

Tel.: (732) 445-2280 Fax: (732) 445-3138,

for orders (U.S. only): toll free (888) 999-6778

e-mail: [orders@transactionpub.com](mailto:orders@transactionpub.com) <http://www.transactionpub.com>

# Food and Nutrition Security in the Process of Globalization and Urbanization

## Table of Contents

|  |     |  |     |
|--|-----|--|-----|
| Preface  | 11  | 16 The World Food and Nutrition Situation and Outlook— Latin America and the Caribbean   | 207 |
| Acknowledgements   | 12  | <i>Hans Schoeneberger</i>  |     |
| 1 Introduction   | 13  | 17 The Global Food Situation: Current State and Projections until 2025   | 236 |
| <i>Manfred Schulz</i>  |     | <i>Mark W. Rosegrant, Sarah A. Cline and Siet Meijer</i>   |     |
| <b>Vol. I: Food and Nutrition Security in the Context of Globalization and Urbanization Processes</b>    |     |  |     |
| <b>Part A: Globalization Theories</b>  |     |  |     |
| 2 Globalization, Poverty, Food Security and Agriculture — An Agricultural Economist's View               | 35  | <b>Part C: The Economic and Technical Dimensions</b>   |     |
| <i>Joachim von Braun</i>   |     | 18 Agricultural World Markets: Is the World Finally Caught in the Malthusian Trap?   | 258 |
| 3 Theorizing Globalization — A Sociologist's View  | 47  | <i>Harald von Witzke</i>   |     |
| <i>Helmuth Berking</i>   |     | 19 Investment Capital and the Role of Transnational Corporations   | 269 |
| 4 The Theory of Fragmenting Development — A Geographer's View  | 56  | <i>Ernst-August Nuppenau</i>   |     |
| <i>Fred Scholz</i>   |     | 20 Rural Financial Markets for Food Security   | 289 |
| 5 Globalization, Fragmenting Development and Food Security.  | 60  | <i>Gertrud Buchenrieder and Franz Heidhues</i>   |     |
| <i>Theo Rauch</i>  |     | 21 Trade Liberalization and Food Security and the WTO  | 305 |
| <b>Part B: The World Food and Nutrition Situation and Outlook — An Overview</b>                          |     |  |     |
| 6 Recent Trends in World Hunger and Malnutrition   | 66  | <i>Eugenio Diaz-Bonilla, Marcelle Thomas and Sherman Robinson</i>  |     |
| <i>Uwe Kracht</i>  |     | 22 Information Technology for Food Security in a Global Environment  | 317 |
| 7 Food Security, Nutrition and Globalization in Industrial Countries                                     | 81  | <i>Gerhard W. Schiefer and Fedro S. Zazueta</i>  |     |
| <i>Michael Krawinkel</i>   |     | 23 Genetic Engineering and Bio-Technology in the Food Sector of Industrialized and Developing Countries and Their Role for Food Security | 335 |
| 8 The Food and Nutrition Situation in Eastern Europe and the Baltic States                               | 93  | <i>Eija Pehu</i>   |     |
| <i>Ladislav Kabat and Loganaden Naiken</i>   |     | <b>Part D: The Social and Cultural Dimensions</b>  |     |
| 9 Globalization and Food and Nutrition Security in the Russian Federation, Ukraine and Belarus           | 102 | 24 Land Policy to Facilitate Growth and Reduce Poverty in a Globalized Environment   | 346 |
| <i>David J. Sedik and Doris Wiesmann</i>   |     | <i>Klaus Deininger</i>   |     |
| 10 The Food and Nutrition Situation in Central Asia  | 114 | 25 Convergence in International Food Consumption Patterns: Some Further Evidence   | 366 |
| <i>Hannelore Boergel</i>   |     | <i>David Hallam</i>  |     |
| 11 Livelihoods and Food Security in India: Case Study of Five Tribal Districts of Madhya Pradesh         | 125 | 26 Emerging Food-related Health Problems in Globalization  | 376 |
| <i>Minnie Mathew, Dipayan Bhattacharyya and Bal Paritosh Dash</i>  |     | <i>Detlef Schwefel</i>   |     |
| 12 Food and Nutrition Security in Southeast Asia   | 148 | 27 Combating HIV/AIDS—The Role of Cultural Contexts in the Globalized World  | 393 |
| <i>Friederike Bellin-Sesay and Wolfgang-Peter Zingel</i>   |     | <i>Julia Katzan and M. Azam Chaudhary</i>  |     |
| 13 The World Food and Nutrition Situation and Outlook — China  | 163 | 28 Buying Food and Stretching the Money: Changing Gender Roles in Sudanese Households  | 407 |
| <i>Cheng Fang</i>  |     | <i>Ulrike Schultz</i>  |     |
| 14 Food Security and Nutrition — The Impact of Globalization and Urbanization—Middle East / North Africa | 183 | 29 A Remarkable Civil Society Contribution to Food and Nutrition Security in Madagascar and Beyond                                       | 426 |
| <i>Jörg Gertel</i>   |     | <i>Norman Uphoff and Glenn Lines</i>   |     |
| 15 Sub-Saharan Africa: Its Food and Nutrition Problems   | 198 | <b>Part E: Global Urbanization</b>   |     |
| <i>Peter Ay</i>  |     | 30 The Central Role of Cities in our Environment's Future: Constraints and Possibilities   | 439 |
|  |     | <i>Saskia Sassen</i>   |     |

|  |  |     |  |   |     |
|--|--|-----|--|---|-----|
| 31   | Urbanization Trends: The Implications for Food Security<br><i>Lynn Brown and Alex McCalla</i>  | 460 | 47   | An Activist's View on Corruption and Food Security<br><i>Hansjörg Elshorst</i>  | 695 |
| 32   | Urban Agriculture: Its Impact on the Food Security of Urban Populations<br><i>Walter Schug</i>   | 477 | 48   | The Failure of Governance—Politics, Sociology and the Perspectives of Food Insecurity in India<br><i>Klaus Voll</i>   | 702 |
| 33   | What has Conjugal Bliss to do with Changing Food Habits? Urban Food Consumption in Cotonou<br><i>Karola Elwert-Kretschmer</i>              | 489 | 49   | Governance and Food Security in the Era of Globalization: The Case of Mauritius<br><i>Kirsten Koop</i>  | 712 |
| 34   | Living Life: Overlooked Aspects of Urban Employment<br><i>James Garrett</i>  | 512 | <b>Part H: International Institutional Approaches to Handling Food Security and Nutrition Problems</b> |   |     |
| <b>Part F: Ecology: A Major Framework Variable</b>                                       |  |     | 50   | The FAO Response to Urbanization and Globalization Challenges<br><i>Roland Schürmann, Hartwig de Haen and Kostas Stamoulis</i>  | 724 |
| 35   | Global Environment Change as Projected by IPCC and Its Impact on Food Availability<br><i>Hermann Lotze-Campen and Joachim Schellnhuber</i> | 530 | 51   | Food Security and Nutrition — The Impact of Globalization and Urbanization: World Food Program<br><i>Robin Jackson</i>  | 739 |
| 36   | The Changing Nature-Society Relationship (NSR): Managing Coasts and Oceans Sustainably<br><i>Bernhard Glaeser</i>                          | 548 | 52   | The International Fund for Agricultural Development<br><i>Klemens van de Sand</i>   | 748 |
| 37   | Global Markets—Glocal Policies: Gender Mainstreaming in Fishery Policies and Integrated Coastal Zone Management<br><i>Gabriele Zdunek</i>  | 565 | 53   | The World Trade Organization and Its Operations<br><i>Eugenio Diaz-Bonilla and Sherman Robinson</i>   | 755 |
| 38   | The Intersection of Food and Water Security: A Case Study of the Near East<br><i>Howard Wachtel</i>  | 574 | 54   | The Lessons from the Consultative Group on International Agricultural Research: The First World- Bank-Funded Global Program<br><i>Uma Lele and Christopher D. Gerrard</i> | 763 |
| <b>Vol. II: Responses to Globalization and Urbanization Processes in the Food Sector</b> |  |     | 55   | The World Bank's Nutrition Strategy<br><i>Harold Alderman and Milla McLaughlin</i>  | 773 |
| <b>Part G: The Policy Dimension: Some Policy Reflections</b>                             |  |     | 56   | Issues Confronting the 2002 Rural Development Strategy of the World Bank<br><i>Kevin Cleaver</i>  | 785 |
| 39   | Global Governance and Food Security<br><i>Wolfgang Hein</i>  | 589 | 57   | The Role of Food Security in the Context of Germany's Development Cooperation<br><i>H. Jochen de Haas and Hans Schoeneberger</i>  | 801 |
| 40   | Food Security under a New Roof—the PRSP<br><i>Helmut Asche</i>   | 607 | 58   | Fast-Food Globalization and Its Critics — Food Security, Food Safety and Globalization Critics<br><i>Elmar Altvater</i>   | 814 |
| 41   | Development Aid and the Financing of Food Security Projects and Programs—Situation and Perspective<br><i>Ulrike Grote and Peter Wobst</i>  | 618 | 59   | The Other Diet Problem: The Fight Against a Worldwide Obesity Epidemic<br><i>Brian Halweil</i>  | 819 |
| 42   | Incorporating Ethical Standards in Globalized Agricultural Production and Food Chains<br><i>Gerd Fleischer</i>                             | 635 | 60   | EuronAid: The Fight against Hunger and Poverty<br><i>Bernd Dreesmann</i>  | 838 |
| 43   | Concerning the Question of Realizing Ethical Standards in the Context of the Global Economy<br><i>Johannes Hoffmann</i>                    | 646 | 61   | Food and Nutrition Security in Programs and Projects of Deutsche Welthungerhilfe / DWHH (German Agro Action)<br><i>Manfred Hochwald</i>                                   | 842 |
| 44   | Adequate Food and Nutrition as a Human Right<br><i>Uwe Kracht</i>  | 654 | <b>Part I: Conclusions</b>   |   |     |
| 45   | The Right to Food—How to Include the Poorest?<br><i>Bernd Schubert</i>   | 670 | 62   | Concluding Observations on Policy Implications<br><i>Uwe Kracht and Manfred Schulz</i>  | 855 |
| 46   | Globalization of Poverty or Empowering Poor Women: Female Income Earning in the Food Sector in Sub-Saharan Africa<br><i>Ulrike Schultz</i> | 681 | <b>Appendix</b>  |   |     |
|  |  |     |  | Abstracts   | 869 |
|  |  |     |  | About the Authors   | 893 |
|  |  |     |  | Acronyms  | 906 |

Globalization of food systems: impacts on food security and nutrition. 8-10 October 2003, Rome, Italy. Draft " not for quotation. Information on the Author" In the second half of the 20th century Colombia also experienced an intensive process of internal migration from rural to urban areas. In 1938, 70% of population lived in rural areas, table one shows the evolution of the percent population living in urban areas up until the present estimate 75%. (ENDES 2000). In terms of diversity of food items available, it is no doubt that globalization and urbanization has made it possible to expand the choice of foods. As will be presented below, big supermarkets linked to world wide operations have made such a variety of foods possible. Globalization Knowledge Network Corinna Hawkes. Globalization, Food and Nutrition Transitions 1. Preface. The Globalization Knowledge Network (GKN) was formed in 2005 with the purpose of examining how contemporary globalization was influencing social determinantsofhealth. Figure 13: tracing the pathways between globalization and nutrition in the india case study Figure 14: imports of major agricultural commodities, india, 1980-2004. 17. 18. Such global dietary changes are consistent with a theory of "nutrition transition"™ and can be partly explained by rising incomes, changing labour market structures and increasing urbanization " factors that generate demand for convenience foods over the course of economic development [12"15]. Transnational food and beverage manufacturers have been among the leading firms of economic globalization. Although TFBC market share in the processed food sector as a whole was relatively low, it was high in almost all of the ultra-processed food categories we include, in particular the carbonated soft drink and confectionary categories (Additional file 1). Firms of United States and European origin were market leaders.