

NEW FROM EDWARD ELGAR PUBLISHING

INNOVATION AND INEQUALITY

Emerging Technologies in an Unequal World

Edited by **Susan Cozzens**, Georgia Institute of Technology, US and **Dhanaraj Thakur**, University of the West Indies, Jamaica

'This is an original and very well structured and informative book. Its particular interest stems from the multidimensional and detailed analysis of a set of core technologies and their uneven diffusion process in eight countries of quite different levels of development. It challenges received ideas about what really matters to democratize the access to new technologies and provides evidence-based suggestions for policy design. Scholars and students interested in the technological side of inequality will read this book with delight.'

– Judith Sutz, Universidad de la República, Uruguay

Inequality is one of the main features of globalization. Do emerging technologies, as they spread around the world, contribute to more inequality or less? This unique interdisciplinary text examines the relationships between emerging technologies and social, economic and other forms of inequality.

Susan Cozzens, Dhanaraj Thakur, and the other co-authors ask how the benefits and costs of emerging technologies are distributed amongst different countries – some rich and some poor. Examining the case studies of five technologies across eight countries in Africa, Europe and the Americas, the book finds that the distributional dynamics around a given technology are influenced by the way entrepreneurs and others package the technology, how governments promote it and the existing local skills and capacity to use it. These factors create social and economic boundaries where the technology stops diffusing between and within countries. The book presents a series of recommendations for policy-makers and private sector actors to move emerging technologies beyond these boundaries and improve their distributional outcomes.

Offering a broad range of mature and relatively new emerging technologies from a diverse set of countries, the study will strongly appeal to policy-makers in science, technology and innovation policy. It will also benefit students and academics interested in innovation, science, technology and innovation policy, the economics of innovation, as well as the history and sociology of technology.

Contributors include: B. Beckert, I. Bortagaray, L. Brito, R. Brouwer, S. Cozzens, M. Falcão, S. Gatchair, J.A. Holbrook, L. Pace, D. Thakur

July 2014 360 pp Hardback 978 1 78195 166 8 \$145.00 • Elgaronline 978 1 78195 167 5



ORDER ONLINE:

UP TO 20% ONLINE DISCOUNT!

Scan this QR code to go directly to our website: www.e-elgar.com



ORDER DIRECTLY FROM OUR DISTRIBUTORS:

Edward Elgar Publishing Inc.
PO Box 960
Herndon, VA 20172-0960 US
Tel: (800) 390-3149 • Fax: (703) 996-1010
Email: elgar.orders@presswarehouse.com

MORE INFORMATION:

Sales & Marketing Department
Edward Elgar Publishing Inc.
William Pratt House, 9 Dewey Court
Northampton, MA 01060-3815 US
Tel: (413) 584-5551 • Fax: (413) 584-9933

For your free catalogs, email:
elgarinfo@e-elgar.com



EDWARD ELGAR
Publishing
www.e-elgar.com

Elgaronline

The new content platform for libraries from Edward Elgar Publishing.

Consisting of books, reference and journals, including scholarly monographs, Research Handbooks, companions and much more. Please email elgarsales@e-elgar.com for more information.

Our eBooks are available for individuals through Google ebookstore, eBooks.com and CourseSmart and for libraries through EBSCOhost, Ebrary, EBL, Mylibrary and Dawsonera.

www.elgaronline.com



INNOVATION AND INEQUALITY

Emerging Technologies in an Unequal World

Edited by **Susan Cozzens** and **Dhanaraj Thakur**



Contents & Contributors

Innovation and Inequality: Emerging Technologies in an Unequal World

PART I: INTRODUCTIONS

1. Problem and Concepts
Susan Cozzens and **Dhanaraj Thakur**
2. Case Study Countries
Dhanaraj Thakur and **Susan Cozzens**

PART II: TECHNOLOGIES

Section Introduction **Susan Cozzens**

3. Uneven Publics: Life, Death, and Recombinant Insulin
Sonia Gatchair, Isabel Bortagaray, Lidia Brito
and **Roland Brouwer**
4. Strong Champions, Strong Regulations: The Unexpected
Boundaries of Genetically Modified Corn
Sonia Gatchair, Isabel Bortagaray and **Lisa Pace**
5. Chain of Champions: Global Inequalities and Mobile Phones
Dhanaraj Thakur, Bernd Beckert, Isabel Bortagaray, Lidia Brito
and **Roland Brouwer**
6. Turning Technology on its Head: The Distributional Dynamics of
Open Source Software
Dhanaraj Thakur, Bernd Beckert, Isabel Bortagaray, Lidia Brito,
Roland Brouwer and **Mário Falcão**
7. Open Source Biotechnology: Plant Tissue Culture and the
Growth of Opportunity
Isabel Bortagaray, Lidia Brito, Roland Brouwer, Susan Cozzens,
Mario Falcao and **Sonia Gatchair**

PART III: COUNTRIES

Section Introduction **Dhanaraj Thakur**

8. Emerging Technologies in Argentina: Access and Distributional
Consequences
Isabel Bortagaray
9. Emerging Technologies and Low Inequality: Policy Implications
for Canada
Dhanaraj Thakur and **J. Adam Holbrook**
10. Distributive Paths of Emerging Technologies in Costa Rica
Isabel Bortagaray
11. Policy Options for an Equitable Distribution of Technological
Benefits in Jamaica
Sonia Gatchair
12. Distributional Effects of Emerging Technologies in Germany:
Analysis Based on Two Case Studies
Bernd Beckert
13. The Diffusion of Emerging Technologies in a Micro-Economy:
Implications for Malta
Lisa Pace
14. Policies for Technological Innovation with Equity: The Case of
Mozambique
Roland Brouwer and **Lidia Brito**
15. Earning Less and Buying More: Emerging Technologies and
United States Society
Susan Cozzens

PART IV: LESSONS LEARNED

16. Discussion and Conclusions
Susan Cozzens and **Dhanaraj Thakur**