

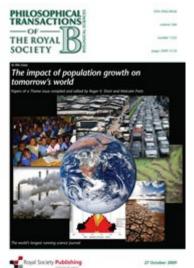


#### The impact of population growth on tomorrow's world

Compiled and edited by Roger Short and Malcolm Potts

**Published October 2009** 

Special offer price: £47.50 (usual price: £59.50)



The experts writing in this volume conclude that slowing population growth is essential if the world's poor are to be lifted out of poverty, and if the next generations are to live in a biologically sustainable economy. Coming from many disciplines, the authors emphasize how the size, rate of growth and age structure of the human population interact with many other key factors, from environmental change - including atmospheric pollution - to conflict and the breakdown of governance.

Fortunately, the assumption that people must become richer or better educated before they have fewer children is being replaced by a clearer understanding of the many barriers that separate women from the knowledge and technologies they need to manage the size of their family. When these barriers are removed, family size falls even in poor, illiterate communities. Conversely, as a result of lost attention to family planning since the 1990s, the projection for the population of several countries in 2050 has been raised (eg in Kenya from 54 to 83 million).

Investment in family planning and education interact synergistically. It is therefore imperative that attention be given to the large and growing unmet need for family planning.

Subscribers to *Philosophical Transactions B* can access this issue online at: rstb.royalsocietypublishing.org/site/2009/population\_growth.xhtml

Non-subscribers can purchase the print issue at the specially reduced price shown above. To place an order at the discounted price, please send payment by cheque (made payable to Portland Customer Services) or by Visa or MasterCard (quoting reference **TB 1532**) to:

For information on related issues of the journal, please visit rstb.royalsocietypublishing.org/info/environment-evolution



All our biological science content is FREE to access after one year (back to 2001). For further information on our biological science journals, please visit royalsocietypublishing.org/info/biological-sciences

Full contents are listed overleaf...

#### Contents

#### Introduction: Population growth in retrospect and prospect

Roger V Short

#### **Editorial**

Malcolm Potts, Anne M Pebley, and J Joseph Speidel

### Population priorities: the challenge of continued rapid population growth *Adair Turner*

# **Human population growth and the demographic transition** *John Bongaarts*

# Stall in fertility decline in Eastern African countries: regional analysis of patterns, determinants and implications

Alex C Ezeh, Blessing U Mberu and Jacques O Emina

### **Population ageing: what should we worry about?** *Adair Turner*

### Population, poverty and economic development Steven W Sinding

# Sola schola et sanitate: human capital as the root cause and priority for international development? Wolfgang Lutz

# Population policies, programmes and the environment J Joseph Speidel, Deborah C Weiss, Sally A Ethelston and Sarah M Gilbert

# Traversing the mountaintop: world fossil fuel production to 2050 Richard Nehring

Considering population and war: a critical and neglected aspect of conflict studies Bradley A Thayer

#### Making family planning accessible in resource-poor settings Ndola Prata

The theoretical and political framing of the population factor in development Martha Campbell and Kathleen Bedford

#### Where next?

Malcolm Potts