6-1-2015

Book Review: The Bet: Paul Ehrlich, Julian Simon, and Our Gamble over Earth's Future by Paul Sabin

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Repository Citation
http://digitalcommons.fairfield.edu/sociologyandanthropology-facultypubs/78

Published Citation

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have adverse social and economic consequences. It is therefore not surprising that a number of governments are taking measures to raise fertility. The lack of success of these efforts is prompting researchers and policymakers to redouble efforts to understand the causes of low fertility and design more effective interventions. A review chapter by Anne Gauthier identifies five factors that are obstacles to childbearing in this region: high direct costs of children (e.g., for education) and low financial support for families from governments; high opportunity costs of children due to inflexible labor markets and lack of maternity and paternity benefits; unequal gender norms regarding the division of paid and unpaid work, including the care of children and elderly, thus making marriage unattractive to women; economic and financial uncertainty and decline in job security; and changing norms that discourage childbearing (e.g., consumerism and individualism). She argues that the coexistence of these factors is unique to East Asia. Other chapters discuss sexual and reproductive health issues. The health care systems in the region outside China are first-rate, and child and maternal mortality rates are among the lowest in the world. However, the region has new concerns that may contribute to its low fertility. For example, male sperm counts are apparently declining. Ages at marriage are rising and extramarital sex is becoming more common, but extramarital fertility remains very low because of effective use of contraception and easy access to abortion. The documentation of a low frequency of and interest in sex within marriage in Japan is an interesting phenomenon that deserves examination in other countries. The authors and editors of this valuable volume are experts in demography, economics, sociology, anthropology, and medicine from universities and research institutes in East Asia, Europe, and North America.—J.B.

P A U L S A B I N

*The Bet: Paul Ehrlich, Julian Simon, and Our Gamble over Earth’s Future*
New Haven: Yale University Press, 2013. 320 p. $18.00 (pbk.).

In 1980 Julian Simon, a professor of economics and business at the University of Illinois at Urbana-Champaign, wrote a stinging critique of the environmental movement in *Science* (”Resources, Population, Environment: An Oversupply of False Bad News”) and provoked Paul Ehrlich, Stanford biologist, ardent environmentalist, and celebrated author of *The Population Bomb* (1968), into making a very public wager: pick a thousand-dollar “basket” of any five metals and if by 1990 its price increased, then Simon would pay him the difference. If it decreased, Ehrlich would have to pay Simon. An increase in resource prices seemed a sure bet to Ehrlich, who had argued that a rapidly increasing population was overwhelming the Earth’s capacity to support it. Believing that market forces would react to shortages, even of nonrenewable resources, with expanded efficiency, productivity, and a search for substitutes, Simon thought not. In 1990 Ehrlich had to write Simon a check for $576—but this didn’t end the debate over the relationship between population and resources. Paul Sabin, a Yale historian, uses the bet to frame his story about the competing visions of Earth’s future held by environmentalists and their critics. He finds that aspects of the bet have come to characterize the ongoing debate over environmental policy: it
is a “winner take all” contest; it is highly partisan, with each political party having picked its side; and different disciplinary starting points lead to irreconcilable end points—such as Ehrlich’s placing (p. 35) the Earth’s maximum sustainable population at 1.5 billion versus Simon’s contending (p. 205) that “the technology to feed, clothe, and supply energy to an ever-growing population for the next 7 billion years” already exists. Sadly, as Sabin illustrates in Chapter 5, the gap between the two positions has narrowed little in the decades since the bet. Today environmentalists point to climate change and severe water shortages as evidence that the Earth can no longer cope with continuous economic growth, while their critics contend that falling commodity prices foreshadow an era of unprecedented growth. The Bet provides an excellent map of how we got to this point. Chapters 1 and 2 provide brief intellectual biographies of Ehrlich and Simon. There were many similarities. They were born three months apart, grew up in nearby suburban New Jersey communities, went off to Ivy League colleges the same year, and loved being in the limelight. There was one big difference: one studied biology and the other economics. Chapter 3 traces how biologist Ehrlich’s “limits to growth” approach rose to prominence during the 1970s, culminating in President Carter commissioning The Global 2000 Report, which predicted that poverty and hunger would “haunt the globe” by century’s end. Chapter 4 documents the rapid rise of economist Simon’s “cornucopian” approach during President Reagan’s first term. Population growth was declared a non-issue, market forces were unleashed in a flurry of deregulation, and an ardent critic of the Environmental Protection Agency was placed at its head. While Sabin ends with a plea that “common ground” needs to be found if effective environmental policy is to be established, a clear map pointing to where that common ground might be has yet to be found.—D.H.

Lindy Williams and Michael Philip Guest (eds.)
Demographic Change in Southeast Asia: Recent Histories and Future Directions
Ithaca: Cornell University Press, 2012. 221 p. $46.95; $23.95 (pbk.).

This edited volume consists of seven chapters on specific demographic topics, with an additional Preface and Conclusions co-authored by the editors. The geographic domain is essentially the ten countries of the Association of Southeast Asian Nations (ASEAN), stretching from Myanmar in the west to the Philippines in the east and encompassing the populous countries of Indonesia, Thailand, and Vietnam. The topic coverage is comprehensive: historical demography (Hirschman and Bonaparte), fertility (Hull), marriage (Jones and Gubhaju), aging (Mujahid), migration (Hugo), migration and health (VanLandingham and Fu), and population and environment (Curran and Derman). The attention given to migration—Hugo’s lengthy chapter, which considers both international and internal migration, and the more focused chapter by VanLandingham and Fu on migration and health—is a noteworthy feature of the volume, as is the consideration of population–environment interrelations by Curran and Derman (a précis for future research on this topic). Intensive demographic data collection in the region began in the 1960s and has continued up to the present, and the authors take good advantage of this. Most