

## **CURRICULUM VITAE**

### **Wolfgang Lutz**

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### **PERSONAL INFORMATION**

Born 10 December 1956 in Rome (Italy) as son of the Historian Heinrich Lutz and his wife Waltraud.

First German, since 1968 Austrian citizenship.

Married to Johanna Uljas-Lutz (Finnish citizen), Lutheran minister and psychotherapist.

Two children: Matti (1985) and Sebastian (1988).

### **CURRENT POSITIONS**

Founder and Director of the newly established **Wittgenstein Centre for Demography and Global Human Capital**, based on the Wittgenstein Prize 2010 and created as a collaboration between IIASA (International Institute for Applied Systems Analysis), Vienna Institute of Demography (VID) of the Austrian Academy of Sciences, and the Vienna University of Economics and Business (WU).

Formal Employment:

**Leader, World Population Program**, IIASA (International Institute for Applied Systems Analysis), Laxenburg, Austria. (Employed at IIASA since 1984, Deputy Program Leader under Nathan Keyfitz since 1988, Program Leader since 1994).

**Director, Vienna Institute of Demography (VID)** of the Austrian Academy of Sciences, Vienna, Austria (since 2002).

**Full Professor of Social and Economic Statistics** (part time), Vienna University of Economics and Business (WU).

Other Current Functions:

Professorial Research Fellow at **Oxford University**, UK.

Member of the **Committee on Population, US National Academy of Sciences**.

Affiliated Professor at the College of Population Studies, **Chulalongkorn University**, Bangkok, Thailand.

Initiator and Principal Investigator, **Asian MetaCentre** for Population and Sustainable Development Analysis (funded by the Wellcome Trust as a regional Centre of Excellence under its "Health Consequences of Population Change" Programme) with headquarters at the National University of Singapore.

Member, Board of Directors, **Population Reference Bureau**, Washington D.C., USA.

Member, Board of Directors (Vorstand), **Berlin Institute for Population and Development**, Germany.

Editor, *Vienna Yearbook of Population Research*.

Editorial Committee Member, *Asian Population Studies*, Routledge.

Editorial Board Member, *Demographic Research*, an on-line journal of the Max Planck Institute for Demographic Research.

Editorial Board Member, *European Population Studies*, the official journal of the European Association for Population Studies (EAPS).

Editor, Earthscan scientific book series on **Population and Sustainable Development**.

Editorial Board Member, *Canadian Studies in Population*, Population Research Laboratory, University of Alberta

### RECENT AWARDS

- 2012 Elected to the Austrian Academy of Sciences as Full Member (Corresponding Member since 2008).
- 2010 Wittgenstein Award Laureate (often referred to as the “Austro Nobel Prize”) is the highest science prize in Austria. It is awarded annually by the Austrian Federal Ministry of Education, Science and Culture for outstanding scientific achievements in all scientific disciplines. For the first time, the 2010 award went to a social scientist.
- 2009 Mattei Dogan Award of the IUSSP (International Union for the Scientific Study of Population). This prestigious award is only given once every four years to a globally leading scholar in comparative demographic analysis.
- 2008 European Research Council Advanced Investigator Grant. 2.5 million Euro to study “Forecasting societies’ adaptive capacity to climate change” (“Future Societies”). Lutz is the only German-speaking social scientist to win this highest European science award.

### PREVIOUS POSITIONS

- 2007 Senior Visiting Fellow, **Oxford Institute of Ageing**, Oxford University.
- 2003-2008 Member, Board of Directors (Kuratorium), **Max Planck Institute for Demographic Research**, Rostock, Germany.
- 2002-2009 Deputy Chair, Board of Directors, and Chair of the Scientific Program Committee, **African Population and Health Research Center (APHRC)**, Nairobi, Kenya.
- 2001-2002 Initiator and Coordinator, **Global Science Panel** on Population and Environment (sponsored by the IUSSP, IIASA, and the United Nations University).
- 1999-2004 Scientific Coordinator, **EU Observatory for the Social Situation, Demography and the Family**, an official body of the European Commission.
- 1998-2001 **Secretary General**, International Union for the Scientific Study of Population (**IUSSP**).
- 1995-1998 Research Director, Austrian Institute for Family Studies, Vienna.
- 1984 Visiting Scholar at the World Fertility Survey in London.
- 1983-1985 Research Associate, Demographic Institute of the Austrian Academy of Sciences; Lecturer in Social and Economic Statistics at the University of Vienna.
- 1981-1982 Research assistant at the Population Studies Center/Graduate Group in Demography of the University of Pennsylvania, USA.
- 1980-1981 Visiting scholar at the Demographic Department of the Finnish Central Statistical Office in Helsinki.

## EDUCATIONAL ATTAINMENT

- 1975 Graduation from Schottengymnasium der Benediktiner (classical language school) in Vienna.  
Studies in Philosophy, Mathematics and Theology at the University of Munich, Germany.
- 1980 Magister rerum socialium oeconomicarumque (M.A.) in Social and Economic Statistics at the University of Vienna.  
Cand. theol. at the Faculty of Theology, University of Vienna.
- 1982 M.A. in Demography at the University of Pennsylvania, USA.
- 1983 **Ph.D. (with distinction) in Demography at the University of Pennsylvania.**
- 1988 Habilitation (= second doctorate; right to teach and apply for a chair at the university) in Demography and Social Statistics at the University of Vienna.

## SUMMARY OF PUBLICATIONS

- **21 scientific books** (including 2 single author books, 3 co-authored books, and 16 edited volumes and special issues of scientific journals).
- **11 scientific monographs and booklets** (including 2 *Population Bulletins* of the Population Reference Bureau).
- **210 articles in scientific journals and chapters in refereed books (several more accepted).**
- More than 100 book reviews, commentaries and other non-refereed scientific contributions.

## PUBLICATIONS IN TOP JOURNALS

### *Science* and *Nature*:

- Lutz, W., Butz, W.P., Castro, M., Dasgupta, P., Demeny, P.G., Ehrlich, I., Giorguli, S., Habte, D., Haug, W., Hayes, A., Herrmann, M., Jiang, L., King, D., Kotte, D., Lees, M., Makinwa-Adebusoye, P.K., McGranahan, G., Mishra, V., Montgomery, M.R., Riahi, K., Scherbov, S., Peng, X., Yeoh, B. 2012. Demography's role in sustainable development (letter to the editor). *Science* 335(6071): 918.
- Lutz, W. and S. KC. 2011. Global human capital: Integrating education and population. *Science* 333: 587-592.
- Lutz, W., J. Crespo Cuaresma, and W. Sanderson. 2008. The demography of educational attainment and economic growth. *Science* 319: 1047-1048.
- Lutz, W., W. Sanderson, and S. Scherbov. 2008. The coming acceleration of global population ageing. *Nature* 451: 716-719.
- Lutz, W., S. Kritzinger, and V. Skirbekk. 2006. The demography of growing European identity. *Science* 314: 425.
- Lutz, W., B.C. O'Neill, and S. Scherbov. 2003. Europe's population at a turning point. *Science* 299: 1991-1992.
- Lutz, W. and M. Shah. 2002. Population should be on the Johannesburg agenda. *Nature* 418: 17 (non-refereed correspondence letter).
- Lutz, W., W. Sanderson, and S. Scherbov. 2001. The end of world population growth. *Nature* 412: 543-545.

Lutz, W., W. Sanderson, and S. Scherbov. 1997. Doubling of world population unlikely. *Nature* 387: 803-805.

***Philosophical Transactions:***

Lutz, W. and S. KC. 2010. Dimensions of global population projections: What do we know about future population trends and structures? *Phil. Trans. R. Soc. B* 365: 2779-2791.

Lutz, W. 2009. Sola schola et sanitate: Human capital as the root cause and priority for international development? *Phil. Trans. R. Soc. B* 364: 3031-3047.

Lutz, W. and Q. Ren. 2002. Determinants of human population growth. *Phil. Trans. R. Soc. Lond. B* 357: 1197-1210.

***Population and Development Review*** (the leading population journal):

Scherbov, S., W. Lutz, and W.C. Sanderson. 2011. The uncertain timing of reaching 8 billion, peak world population, and other demographic milestones. *Population and Development Review* 37(3): 571-578.

Lutz, W., J. Crespo Cuaresma, and M.J. Abbasi-Shavazi. 2010. Demography, education, and democracy: Global trends and the case of Iran. *Population and Development Review* 36(2): 253-281.

Lutz, W. 2009. The demography of future global population aging: Indicators, uncertainty, and educational composition. *Population and Development Review* 35(2): 357-365.

Prskawetz, A., D.E. Bloom, and W. Lutz, Eds. 2008. *Population Aging, Human Capital Accumulation, and Productivity Growth*. Supplement to *Population and Development Review*, Vol. 34, 2008. New York: Population Council.

Lutz, W., A. Goujon, and A. Wils. 2008. The population dynamics of human capital accumulation. Pages 149-187 in A. Prskawetz, D.E. Bloom, and W. Lutz (eds.), *Population Aging, Human Capital Accumulation, and Productivity Growth*. Supplement to *Population and Development Review*, Vol. 34, 2008. New York: Population Council.

Bloom, D.E., W. Lutz, and A. Prskawetz. 2008. Introduction. Pages 3-14 in A. Prskawetz, D.E. Bloom, and W. Lutz (eds.), *Population Aging, Human Capital Accumulation, and Productivity Growth*. Supplement to *Population and Development Review*, Vol. 34, 2008. New York: The Population Council.

Lutz, W. and V. Skirbekk. 2005. Policies addressing the tempo effect in low-fertility countries. *Population and Development Review* 31(4): 699-720.

Goldstein, J., W. Lutz, and S. Scherbov. 2003. Long-term population decline in Europe: The relative importance of tempo effects and generational length. *Population and Development Review* 29(4): 699-707.

Lutz, W., A. Prskawetz, and W.C. Sanderson, Eds. 2002. *Population and Environment. Methods of Analysis*. Supplement to *Population and Development Review*, Vol. 28, 2002. New York: The Population Council.

Lutz, W., A. Prskawetz, and W.C. Sanderson. 2002. Introduction. Pages 1-21 in Wolfgang Lutz, Alexia Prskawetz, and Warren C. Sanderson, eds. *Population and Environment. Methods of Analysis*. Supplement to *Population and Development Review*, Vol. 28, 2002. New York: The Population Council

Lutz, W., S. Scherbov, A. Prskawetz, M. Dworak, and G. Feichtinger. 2002. Population, natural resources, and food security: Lessons from comparing full and reduced-form models. Pages 199-224 in Wolfgang Lutz, Alexia Prskawetz, and Warren C. Sanderson, eds. *Population and Environment. Methods of Analysis*. Supplement to *Population and Development Review*, Vol. 28, 2002. New York: The Population Council.

- Lutz, W., W.C. Sanderson, and A. Wils. 2002. Conclusions: Toward comprehensive P-E studies. Pages 225-250 in Wolfgang Lutz, Alexia Prskawetz, and Warren C. Sanderson, eds. *Population and Environment. Methods of Analysis*. Supplement to *Population and Development Review*, Vol. 28, 2002. New York: The Population Council.
- Lutz, W., M. Shah, R.E. Bilborrow, J. Bongaarts, P. Dasgupta, B. Entwisle, G. Fischer, B. Garcia, D.J. Hogan, A. Jernelov, Z. Jiang, R.W. Kates, S. Lall, F.L. MacKellar, P.K. Makinwa-Adebusoye, A.J. McMichael, V. Mishra, N. Myers, N. Nakicenovic, S. Nilsson, B.C. O'Neill, X. Peng, H.B. Presser, N. Sadik, W.C. Sanderson, G. Sen, B. Torrey, D. van de Kaa, H.J.A. van Ginkel, B. Yeoh, and H. Zurayk. 2002. The Global Science Panel on Population in Sustainable Development. *Population and Development Review* 28(2): 367-369.
- Lutz, W. and A. Goujon. 2001. The world's changing human capital stock: Multi-state population projections by educational attainment. *Population and Development Review* 27(2): 323-339.
- Lutz, W., J.W. Vaupel, and D.A. Ahlburg, Eds. 1999. *Frontiers of Population Forecasting*. A Supplement to Vol. 24, 1998, *Population and Development Review*. New York: The Population Council.
- Ahlburg, D.A. and W. Lutz. 1999. Introduction: The need to rethink approaches to population forecasts. Pages 1-14 in Wolfgang Lutz, James W. Vaupel, and Dennis A. Ahlburg (eds.), *Frontiers of Population Forecasting*. Supplement to *Population and Development Review*, Vol. 24, 1998. New York: Population Council.
- Lutz, W., A. Goujon, and G. Doblhammer-Reiter. 1999. Demographic dimensions in forecasting: Adding education to age and sex. Pages 42-58 in *Frontiers of Population Forecasting* (W. Lutz, J.W. Vaupel, and D.A. Ahlburg, eds.). A Supplement to Vol. 24, 1998, *Population and Development Review*. New York: The Population Council.
- Lutz, W., W.C. Sanderson, and S. Scherbov. 1999. Expert-based probabilistic population projections. Pages 139-155 in *Frontiers of Population Forecasting* (W. Lutz, J.W. Vaupel, and D.A. Ahlburg, eds.). A Supplement to Vol. 24, 1998, *Population and Development Review*. New York: The Population Council.
- Ahlburg, D.A., W. Lutz, and J.W. Vaupel. 1999. Ways to improve population forecasting: What should be done differently in the future? Pages 191-198 in *Frontiers of Population Forecasting* (W. Lutz, J.W. Vaupel, and D.A. Ahlburg, eds.). A Supplement to Vol. 24, 1998, *Population and Development Review*. New York: The Population Council.
- O'Neill, B.C., S. Scherbov, and W. Lutz. 1999. The long-term effect of the timing of fertility decline on population size. *Population and Development Review* 25(4): 749-756.
- MacKellar, F.L., W. Lutz, C. Prinz, and A. Goujon. 1995. Population, households and CO<sub>2</sub> emissions. *Population and Development Review* 21(4): 849-865.
- Lutz, W. and T. Büttner . 1990. Estimating fertility responses to policy measures in the German Democratic Republic. *Population and Development Review* 16(3): 539-555.

## FULL LIST OF REFEREED SCIENTIFIC PUBLICATIONS

### SCIENTIFIC BOOKS OR SPECIAL ISSUES OF SCIENTIFIC JOURNALS (authored, edited)

- (B1) *Finnish Fertility Since 1722: Lessons from an Extended Decline*. Helsinki: Finnish Population Research Institute, 1987. With preface by Ansley Coale – country study in the tradition of the Princeton European Fertility Project. (single author book)
- (B2) *Distributional Aspects of Human Fertility: A Global Comparative Study*. London: Academic Press, 1989. With preface by Nathan Keyfitz. (single author book)

- (B3) *Future Demographic Trends in Europe and North America: What Can We Assume Today?* W. Lutz, Editor. London: Academic Press, 1991.
- (B4) *Wohnen mit Kindern (Living with Children)*. Coauthors: Maria Groh, Ernst Haider, Conny Krenn, Franz Kuzmich, Wolfgang Lutz, Tilmann Schleicher, Ottokar Uhl, Walter Winkelhofer, and Martin Wurnig. Vienna: Picus Verlag Wien (in German), 1992.
- (B5) *Demographic Trends and Patterns in the Soviet Union Before 1991*. W. Lutz, S. Scherbov, and A. Volkov, Editors. London: Routledge, 1994.
- (B6) *Population-Development-Environment. Understanding Their Interactions in Mauritius*. W. Lutz, Editor. Heidelberg: Springer Verlag, 1994.
- (B7) *The Future Population of the World. What Can We Assume Today?* W. Lutz, Editor. London: Earthscan, 1994.
- (B8) *The Future Population of the World. What Can We Assume Today?* W. Lutz, Editor. London: Earthscan, Revised Edition, 1996.
- (B9) *Future Population and Education Trends in the Countries of North Africa*. RR-96-11. Coauthors: H.M. Yousif, A. Goujon, and W. Lutz. Laxenburg, Austria: IIASA, 1996.
- (B10) *FAMSIM – Austria. A Dynamic Microsimulation Model for Projections and the Evaluation of Family Policies Based on the European Family and Fertility Survey*. W. Lutz, Editor. Vienna: Austrian Institute for Family Studies, 1997.
- (B11) *Frontiers of Population Forecasting*. W. Lutz, J.W. Vaupel, and D.A. Ahlburg, Editors. Supplement to *Population and Development Review*, Vol. 24, 1998. New York: Population Council, 1999.
- (B12) *Compendium of Family Studies in Austria 1999 (Kompendium der Familienforschung in Österreich 1999)*, No. 7. W. Lutz, Editor. Vienna: Austrian Institute for Family Studies, 1999.
- (B13) *Population, Development and Environment on the Yucatan Peninsula: From Ancient Maya to 2030*. W. Lutz, L. Prieto, and W. Sanderson, Editors. RR-00-14. Laxenburg, Austria: IIASA, 2000.
- (B14) *Population and Climate Change*. Principal Authors: B.C. O'Neill, F.L. MacKellar, and W. Lutz. Cambridge University Press, 2001.
- (B15) *Population and Environment. Methods of Analysis*. W. Lutz, A. Prskawetz, and W.C. Sanderson, Editors. Supplement to *Population and Development Review*, Vol. 28, 2002. New York: Population Council, 2002.
- (B16) *Population, Consumption, Environment*. Sara Curran, Tundi Agardy, Maria C.J. Cruz, Partha Dasgupta, Anuradha Kumar, Wolfgang Lutz, Meryl Williams, Elisabeth Kessler, and Melanie Adams, Editors. Special Issue of *Ambio* 31(4). Stockholm: Royal Swedish Academy of Sciences, 2002.
- (B17) *The End of World Population Growth in the 21<sup>st</sup> Century: New Challenges for Human Capital Formation and Sustainable Development*. Wolfgang Lutz, Warren C. Sanderson, and Sergei Scherbov, Editors. London: Earthscan, 2004.
- (B18) *How to Deal with Uncertainty in Population Forecasting?* Wolfgang Lutz and Joshua Goldstein, Guest Editors. Special issue of *International Statistical Review* 72(1&2): 1-106, 157-208, 2004. Reprinted as RR-04-009 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- (B19) *The Demographic Window of Opportunity*. Angelique Chan, Wolfgang Lutz, and Jean-Marie Robine, Guest Editors. Special issue of *Asian Population Studies* 1(5): 147-256. Abingdon, UK: Routledge, 2005.
- (B20) *The New Generations of Europeans. Demography and Families in the Enlarged European Union*. Wolfgang Lutz, Rudolf Richter, and Chris Wilson, Editors. London: Earthscan, 2006.

- (B21) *Population Aging, Human Capital Accumulation, and Productivity Growth*. A. Prskawetz, D.E. Bloom, and W. Lutz, Editors. Supplement to *Population and Development Review*, Vol. 34, 2008. New York: Population Council, 2008.

#### OTHER MONOGRAPHS AND BOOKLETS

- (M1) *Demographic Transition and Socio-Economic Development in Finland 1871-1978. A Multivariate Analysis*. Tilastokeskus, Helsinki, 81 pp., 1982.
- (M2) *Demographic, Economic, and Social Factors in the Evolution of Finnish Fertility 1722-1978*. Dissertation. University Microfilms, Ann Arbor, Michigan, 335 pp., 1983.
- (M3) *Parity-Specific Fertility Analysis. A World Fertility Survey Comparative Study*. Demographic Institute of the Austrian Academy of Sciences in collaboration with the International Statistical Institute (ISI), Vienna, 97 pp., 1985.
- (M4) Demographische Analyse der familienbezogenen Lebenszyklus österreichischer Frauen (Demographic analysis of the family-related life cycle of Austrian women). Coauthor: E. Aufhauser. Project Report. Institute of Demography of the Austrian Academy of Sciences, Vienna, 150 pp. (in German), 1987.
- (M5) *Population, Economy, and Environment in Mauritius*. W. Lutz and F.L. Toth, Editors. Proceedings of a Task Force Meeting held under the UNFPA-sponsored project "Population and Sustainable Development: Mauritius" at IIASA, 3-5 September 1990. IIASA Collaborative Paper CP-91-01, 331 pp., 1991.
- (M6) Germany's population: Turbulent past, uncertain future. Coauthors: G. Heilig, T. Büttner, and W. Lutz. *Population Bulletin* 45(4): 1-47. Population Reference Bureau, 1990.
- (M7) Struktur der Evangelischen in Österreich: Statistiken der Volkszählung 1981 nach politischen Bezirken (Structure of the Protestant population in Austria: Information from the 1981 census by political districts). In *Schriftenreihe des Evangelischen Bundes in Österreich*, Heft 118, 73 pp. (in German), 1990.
- (M8) The future of world population. *Population Bulletin* 49(1). Population Reference Bureau, 1994.
- (M9) *Familien- und Fertilitätssurvey (FFS) 1996. Österreich, Frauen und Männer*. (Family and Fertility Survey (FFS) 1996. Austria, Women and Men.) Tabellenband und Zusammenfassung erster Ergebnisse. Vienna: Austrian Institute for Family Studies. Coauthors: G. Doblhammer, W. Lutz, and C. Pfeiffer (in German), 1996.
- (M10) *Statistik aus Kinderperspektive. Kinderspezifische Auswertung der Volkszählung 1991*. Vienna: Austrian Institute for Family Studies. Coauthors: M. Beham, G. Denk, V. Nowak, and J. Pfliegerl (in German), 1997.
- (M11) *Fertility and Family Surveys in Countries of the ECE Region: Standard Country Report Austria*. Geneva: United Nations. Coauthors: C. Prinz, V. Nowak, and C. Pfeiffer, 1998.

#### ARTICLES IN SCIENTIFIC JOURNALS AND CHAPTERS IN BOOKS

##### 2011

- (A-209) Misleading policy messages derived from the period TFR: Should we stop using it? *Comparative Population Studies – Zeitschrift für Bevölkerungswissenschaft* 35 (3): 637-664. Coauthors: T. Sobotka
- (A-208) The uncertain timing of reaching 8 billion, peak world population, and other demographic milestones. *Population and Development Review* 37(3): 571-578. Coauthors: S. Scherbov and W.C. Sanderson.

- (A-207) Global human capital: Integrating education and population. *Science* 333: 587-592. Coauthor: Samir KC.
- (A-206) Adult mortality in Europe. Pages 49-81 in Richard G. Rogers and Eileen .M. Crimmins (eds.), *International Handbook of Adult Mortality*. International Handbooks of Population, Volume 2. DOI 10.1007/978-90-481-9996-9. New York: Springer Science+Business Media B.V. ISBN 978-90-481-9995-2. Coauthors: Marc Luy and Christian Wegner.
- (A-205) Demographic challenges affecting business schools. *Journal of Management Development* 30(5): 463-473. Special issue "Future Challenges for Business Schools", Howard Tomas and Eric Cornuel, Guest Editors.  
<http://www.emeraldinsight.com/fwd.htm?id=aob&ini=aob&doi=10.1108/02621711111132975>

## 2010

- (A-204) Europe the continent with the lowest fertility. *Human Reproduction Update* 16(6): 590-602. doi: 10.1093/humupd/dmq023. Authors: The ESHRE Capri Workshop Group (of which Wolfgang Lutz is a member). <http://humupd.oxfordjournals.org/content/16/6/590.full.pdf+html>
- (A-203) Education or wealth: which matters more for reducing child mortality in developing countries? *Vienna Yearbook of Population Research 2010*, Vol. 8, pp. 175-199. Coauthors: R. Fuchs and E. Pamuk. [http://epub.oeaw.ac.at/0xc1aa500d\\_0x0024fc44.pdf](http://epub.oeaw.ac.at/0xc1aa500d_0x0024fc44.pdf)
- (A-202) Dimensions of global population projections: What do we know about future population trends and structures? *Phil. Trans. R. Soc. B* 365: 2779-2791.
- (A-201) Demography, education, and democracy: Global trends and the case of Iran. *Population and Development Review* 36(2): 253-281. Coauthors: J. Crespo Cuaresma and M.J. Abbasi-Shavazi.
- (A-200) Projection of populations by level of educational attainment, age and sex for 120 countries for 2005-2050. *Demographic Research* 22, Article 15, pp. 383-472. <http://www.demographic-research.org/Volumes/Vol22/15/> DOI: 10.4054/DemRes.2010.22.15. Coauthors: S. KC, B. Barakat, A. Goujon, V. Skirbekk, W. Sanderson.

## 2009

- (A-199) Editorial: Towards a world of 2-6 billion well-educated and therefore healthy and wealthy people. *Journal of the Royal Statistical Society A* 172(4): 701-705.
- (A-198) China's grave demographic challenges in coming decades. *China Economist* May-June 2009: 92-103. Coauthors: Qiang Ren, Xiaoying Zheng, Sergei Scherbov. (English version of A-185)
- (A-197) Sola schola et sanitate: Human capital as the root cause and priority for international development? *Phil. Trans. R. Soc. B* 364: 3031-3047.
- (A-196) Futuro crecimiento de la población, envejecimiento y capital humano en el Mediterráneo [Future population growth, aging and human capital around the Mediterranean]. Pages 7-18 in *Capital Humano, Género y envejecimiento en el Mediterráneo. Perspectivas a medio y largo plazo [Human Capital, Gender and Aging in the Mediterranean]*. PapersIEMed 7. Barcelona: Edición Instituto Europeo del Mediterráneo. ISSN: 1888-5357. (Coauthors: S. KC and S. Scherbov) [in Spanish].
- (A-195) Future ageing in Southeast Asia: Demographic trends, human capital, and health status. Pages 47-67 in E.N. Arifin and A. Ananta (eds.), *Older Persons in Southeast Asia. An Emerging Asset*. Singapore: Institute of Southeast Asian Studies (Coauthors: S. KC, H.T.A. Khan, S. Scherbov, and G.W. Leeson).
- (A-194) Demographic and human-capital trends in Eastern Europe and Sub-Saharan Africa. Pages 163-192 in Bertelsmann Stiftung and Migration Policy Institute (eds.), *Talent, Competitiveness and Migration. The Transatlantic Council on Migration*. Gütersloh, Germany: Verlag Bertelsmann Stiftung (Coauthors: Warren Sanderson, Sergei Scherbov and Samir KC).



- (A-193) Global and regional population ageing: How certain are we of its dimensions? *Journal of Population Ageing* (2008) 1: 75-97 (Coauthors: W.C. Sanderson and S. Scherbov).
- (A-192) The demography of future global population aging: Indicators, uncertainty, and educational composition. *Population and Development Review* 35(2): 357-365.
- (A-191) Changing population size and distribution as a security concern. Pages 203-213 in H.G. Brauch, U.O. Spring, J. Grin, C. Mesjasz, P. Kameri-Mbote, N.C. Behera, B. Chourou, and H. Krummenacher (eds.), *Facing Global Environmental Change. Environmental, Human, Energy, Food, Health and Water Security Concepts*. Berlin: Springer Verlag.
- (A-190) Heat-related side-effects of neurological and non-neurological medication may increase heatwave fatalities. *European Journal of Neurology* 2009 (Coauthors: C. Stöllberger and J. Finsterer).
- (A-189) Uncertain population dynamics and HIV/AIDS in China. Pages 9-25 in Joseph Tucker, Dudley L. Poston, Qiang Ren, Baochang Gu, Xiaoying Zheng, Stephanie Wang, and Chris Russell (eds.), *Gender Policy and HIV in China. Catalyzing Policy Change*. Amsterdam: Springer Netherlands. Coauthors: Qiang Ren, Xiaoying Zheng, Sergei Scherbov.
- (A-188) Global population ageing and the world's future human capital. Pages 221-228 in Peter Healey and Steve Rayner (eds.), *Unnatural Selection. The Challenges of Engineering Tomorrow's People*. London: Earthscan.

## 2008

- (A-187) Demographic and human-capital trends in Eastern Europe and Sub-Saharan Africa. Washington, DC: Migration Policy Institute. Coauthors: W. Sanderson, S. Scherbov, S. KC.
- (A-186) Can immigration compensate for Europe's low fertility? Pages 255-264 in Patrick Festy and Jean-Paul Sardon (eds.), *Homage à Gérard Calot. Profession: démographe*. Paris: Institut national d'études démographiques. Coauthor: S. Scherbov.
- (A-185) Uncertain demographic dynamics in China. *China Demographic Science* 6: 19-27. Coauthors: Qiang Ren, Xiaoying Zheng, Sergei Scherbov (in Chinese). (English version is A-198)
- (A-184) Europe's changing population in a global context. *European View* 7: 237-245.
- (A-183) Low fertility in Europe in a global demographic context. Pages 3-19 in J.C. Tremmel (ed.), *Demographic Change and Intergenerational Justice*. Berlin: Springer. Coauthor: V. Skirbekk.
- (A-182) Declining trends in conception rates in recent birth cohorts of native Danish women: A possible role of deteriorating male reproductive health. *International Journal of Andrology* 31(2): 81-89. Coauthors: T.K. Jensen, T. Sobotka, M.A. Hansen, A.T. Pedersen, N.E. Skakkebaek.
- (A-181) How well did past UN population projections anticipate demographic trends in six South-east Asian countries? *Asian Population Studies* 4(1): 77-95. Coauthor: H.T.A. Khan.
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