

## CURRICULUM VITAE Wolfgang Lutz

### Address:

Florian Berndlgasse 12  
A-1220 Vienna, Austria  
Tel. +43-1-2033035  
E-mail: lutz@iiasa.ac.at

### 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

#### 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 Statistics** (part time), Vienna University of Economics and Business Administration.

#### Other Current Functions:

Speaker, **Center for Social Sciences** of the Austrian 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.

Deputy Chair, Board of Directors, and Chair of the Scientific Program Committee, **African Population and Health Research Center (APHRC)**, Nairobi, Kenya.

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

Member, Board of Directors (Kuratorium), **Max Planck Institute for Demographic Research**, Rostock, Germany.

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

Associate Editor, *International Statistical Review*, the official journal of the ISI (International Statistical Institute and the Bernulli Society).

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

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.

2008 Elected to the Austrian Academy of Sciences as “Korrespondierendes Mitglied im Inland”

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.

2009 Appointed as (only non-European) member of the US National Academy of Sciences standing Committee on Population.

### PREVIOUS POSITIONS

2007 Senior Visiting Fellow, **Oxford Institute of Ageing**, Oxford University.

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

- **22 scientific books** (including 2 single author books, 3 co-authored books, and 17 edited volumes and special issues of scientific journals).
- **11 scientific monographs and booklets** (including 2 *Population Bulletins* of the Population Reference Bureau).
- **187 articles in scientific journals and chapters in refereed books.**
- More than 100 book reviews, commentaries and other non-refereed scientific contributions.

### PUBLICATIONS IN TOP JOURNALS

#### *Science* and *Nature*:

- 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 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):

- 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 (authored, edited, or special issues of scientific journals)

(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) *Vienna Yearbook of Population Research 2005*. Wolfgang Lutz and Gustav Feichtinger, Editors. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften, 2005.
- (B21) *The New Generations of Europeans. Demography and Families in the Enlarged European Union*. Wolfgang Lutz, Rudolf Richter, and Chris Wilson, Editors. London: Earthscan, 2006.
- (B22) *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. Pflegerl (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

### 2009

- (A-187) 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-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. *Chinese Journal of Population Science* 6: 19-27. Coauthors: Qiang Ren, Xiaoying Zheng, Sergei Scherbov.
- (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.
- (A-180) Has Korea's fertility reached the bottom? The hypothesis of a "low Fertility Trap" in parts of Europe and East Asia. *Asian Population Studies* 4(1): 1-4.
- (A-179) 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. Coauthors: A. Goujon and A. Wils.
- (A-178) 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. Coauthors: D.E. Bloom and A. Prskawetz.

(A-177)The demography of educational attainment and economic growth. *Science* 319: 1047-1048 (22 February 2008). Coauthors: J. Crespo Cuaresma and W. Sanderson.

(A-176)The coming acceleration of global population ageing. *Nature* 451: 716-719 (7 February 2008). Coauthors: W. Sanderson and S. Scherbov.

## 2007

(A-175)Demographic ageing and human capital: Europe and Asia in comparative perspective. Pages 35-48 in Gabriele Sinigoj, Gavin Jones, Katsuiro Hirokawa, Sepp Linhart (eds.), *The Impact of Ageing: A Common Challenge for Europe and Asia*. Vienna: LIT Verlag.

(A-174)Wird die Geburtenrate in Europa weiter sinken? Pages 183-200 in Charlotte Höhn and Jürgen Dorbritz (eds.), *Demographischer Wandel – Wandel der Demographie. Festschrift für Prof. Dr. Karl Schwarz*. Schriftenreihe des Bundesinstituts für Bevölkerungsforschung, Band 37. Wiesbaden: VS Verlag für Sozialwissenschaften.

(A-173)The future of human reproduction: Will birth rates recover or continue to fall? *Ageing Horizons* 7: 15-21. Oxford Institute of Ageing.

(A-172)New ways of capturing the demographic and education dynamics of the global youth cohort. Pages 39-54 in G. Kochendörfer-Lucius and B. Pleskovic, eds., *Development and the Next Generation*. Berlin Workshop Series 2007. Washington, D.C.: The International Bank for Reconstruction and Development/The World Bank.

(A-171)China's uncertain demographic present and future. Pages 37-59 in *Vienna Yearbook of Population Research 2007*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthors: S. Scherbov, G.Y. Cao, Q. Ren, X.Y. Zheng.

(A-170)Reconstruction of populations by age, sex and level of educational attainment for 120 countries for 1970-2000. Pages 193-235 in *Vienna Yearbook of Population Research 2007*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthors: A. Goujon, S. K.C., S. Sanderson.

(A-169)Medellivslängden ökar och italienarna skaffar sig färre bambini. Pages 94-99 in A. Jernelöv and J. Palme (eds.), *Oväntade framtider*. Stockholm: Santérus Förlag (in Swedish).

## 2006

(A-168)Population density is a key factor in declining human fertility. *Population and Environment* 28: 69-81. Published online on March 20, 2007. Coauthors: Maria Rita Testa, Dustin J. Penn.

(A-167)The low fertility trap hypothesis: Forces that may lead to further postponement and fewer births in Europe. Pages 167-192 in D. Philipov, A.C. Liefbroer, and F.C. Billari (Guest eds.), *Vienna Yearbook of Population Research 2006*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthors: V. Skirbekk, M.R. Testa. Reprinted as RP-07-001 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.

(A-166)Introduction. Pages 3-17 in W. Lutz, R. Richter, and C. Wilson (eds.), *The New Generations of Europeans*. London: Earthscan. Coauthor: C. Wilson.

(A-165)Alternative paths for future European fertility: Will the birth rate recover or continue to decline? Pages 83-100 in W. Lutz, R. Richter, and C. Wilson (eds.), *The New Generations of Europeans*. London: Earthscan.

(A-164)The demography of growing European identity. *Science* 314: 425. Coauthors: S. Kritzinger, V. Skirbekk.

- (A-163) Global demographic trends, education, and health. Pages 252-268 in *Interactions Between Global Change and Human Health*. Vatican City: The Pontifical Academy of Sciences, Scripta Varia 106. ISBN 88-7761-085-9.
- (A-162) Future demographic change in Europe: The contribution of migration. Pages 207-222 in D.G. Papademetriou (ed.), *Europe and Its Immigrants in the 21<sup>st</sup> Century: A New Deal or a Continuing Dialogue of the Deaf?* Washington, D.C.: Migration Policy Institute and Luso-American Foundation. Coauthor: S. Scherbov.
- (A-161) Fertility rates and future population trends: Will Europe's birth rate recover or continue to decline? *International Journal of Andrology* 29: 25-33.

## 2005

- (A-160) Toward a concept of population balance considering age-structure, human capital, and intergenerational equity. Pages 119-137 in S. Tuljapurkar, I. Pool, and V. Prachuabmoh (eds.), *Population, Resources and Development. Riding the Age Waves*, Volume 1. International Studies in Population, Vol. 1. Dordrecht, the Netherlands: Springer Verlag. Coauthor: W. Sanderson.
- (A-159) Policies addressing the tempo effect in low-fertility countries. *Population and Development Review* 31(4): 699-720. Coauthor: V. Skirbekk.
- (A-158) Monthly estimates of the quantum of fertility: Towards a fertility monitoring system in Austria. Pages 109-141 in W. Lutz and G. Feichtinger (eds.), *Vienna Yearbook of Population Research 2005*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthors: T. Sobotka, M. Winkler-Dworak, M.R. Testa, D. Philipov, H. Engelhardt, and R. Gisser.
- (A-157) Will population ageing necessarily lead to an increase in the number of persons with disabilities? Alternative scenarios for the European Union. Pages 219-234 in W. Lutz and G. Feichtinger (eds.), *Vienna Yearbook of Population Research 2005*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthor: S. Scherbov.

## 2004

- (A-156) Neue demographische Szenarien zur Zukunft der Evangelischen Kirche in Österreich (New demographic scenarios on the future of the Lutheran church in Austria). *Amt und Gemeinde*, Heft 9/10, pp. 172-182. Coauthors: K. Fliegenschnee and A. Goujon (in German).
- (A-155) Probabilistic Population Projections for Singapore and Asia. *Innovation* 5(1): 44-45. Coauthor: S. Scherbov.
- (A-154) Introduction: How to deal with uncertainty in population forecasting? *International Statistical Review* 72(1): 1-4. Coauthor: J.R. Goldstein.
- (A-153) Conditional probabilistic population forecasting. *International Statistical Review* 72(2): 157-166. Coauthors: W.C. Sanderson, S. Scherbov, and B.C. O'Neill.
- (A-152) Probabilistic population projections for India with explicit consideration of the education-fertility link. *International Statistical Review* 72(1): 81-92. Coauthor: S. Scherbov.
- (A-151) Introduction. Pages 1-16 in W. Lutz, W.C. Sanderson, and S. Scherbov (eds.), *The End of World Population Growth in the 21st Century: New Challenges for Human Capital Formation and Sustainable Development*. London: Earthscan. Coauthor: W.C. Sanderson.
- (A-150) The end of world population growth. Pages 17-83 in W. Lutz, W.C. Sanderson, and S. Scherbov (eds.), *The End of World Population Growth in the 21st Century: New Challenges for Human Capital Formation and Sustainable Development*. London: Earthscan. Coauthors: W.C. Sanderson and S. Scherbov.
- (A-149) Applications of probabilistic population forecasting. Pages 85-119 in W. Lutz, W.C. Sanderson, and S. Scherbov (eds.), *The End of World Population Growth in the 21st Century: New Challenges for*

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