

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

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

He is currently also Distinguished Visiting Professor at the University of Shanghai and Director of the “Centre of Expertise on Population and Migration”, a research partnership between IIASA and JRC (European Commission).

Formal Employment:

Senior Program Advisor and Acting Research Group Leader; Social Cohesion, Health, and Wellbeing Research Group, Population and Just Societies Program, IIASA (International Institute for Applied Systems Analysis).

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

Professor of Demography, Department of Demography, University of Vienna.

ACADEMY MEMBERSHIPS

2019 Elected to the Academia Europaea.

2016 Elected as Foreign Associate of the U.S. National Academy of Sciences.

2014 Elected to the World Academy of Sciences (TWAS).

2014 Elected to the Finish Society of Sciences and Letters (Societas Scientiarum Fennica).

- 2013 Elected to the Leopoldina- German National Academy of Sciences as Full Member. 2016 elected to its Senate (the most important decision making body).
- 2012 Elected to the Austrian Academy of Sciences as Full Member (Corresponding Member since 2008).

Other Current Functions:

Member of the **Committee of the Fields Institute on Mathematics** in Toronto for the Keyfitz Lectures.

Member of the **Scientific Advisory Board of the Institute for Health Metrics and Evaluation (IHME) and the University of Washington** (Seattle), carrying out the Global Burden of Disease Study (276 million US\$ grant from the Gates Foundation).

Member of the International Advisory Board, NUS Centre for Family and Population Research, Singapore.

Professorial Research Fellow at **Oxford Martin School, University of Oxford, UK.**

Associate Member, **Nuffield College, University of Oxford, UK.**

Lead Author, **IPSP (International Panel on Social Progress).**

Honorary Professor, College of Population Studies, **Chulalongkorn University**, Bangkok, Thailand.

Honorary Professor, **University of Shanghai and Chairman** of the International Board of the Asian Demographic Research Institute there.

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

Editor, *Vienna Yearbook of Population Research*.

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

Editorial Committee Member, *Journal of Population Ageing*, Springer.

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).

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

Advising Board Member, *Population and Development Review*.

RECENT AWARDS

- 2018 2018 WU City of Vienna Best Paper Award (paper Lutz W (2017). Global Sustainable Development priorities 500 y after Luther: Sola schola et sanitate. Proceedings of the National Academy of Sciences 114 (27): 6904-6913. DOI:10.1073/pnas.1702609114.)
- 2017 European Research Council Advanced Investigator Grant to study “The Demography of Sustainable Human Wellbeing” (EmpoweredLifeYears).
- 2016 European Association for Population Studies (EAPS) Award for Population Studies for groundbreaking contributions to the study of population.
- 2016 Science Prize of the City of Vienna.

- 2016 Mindel C. Sheps Award of the Population Association of America (PAA).
- 2012 European Research Council Proof of Concept (PoC) Grant “Demography-based market forecasting tools” (“FUTURE MARKETS”).
- 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 to study “Forecasting societies’ adaptive capacity to climate change” (“Future Societies”). Lutz was the only German-speaking social scientist to win this highest European science award.

PREVIOUS POSITIONS AND FUNCTIONS

- 1992-2020 Director, **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).
- 2017-2019 Member of the “**Group of Independent Scientists**” invited by the **United Nations** Secretary General to produce the 2019 **Global Sustainable Development Report**.
- 2015 Research Fellow, **Stellenbosch Institute for Advanced Study (STIAS)**, South Africa.
- 2013 NUSS Distinguished Visiting Professor, **National University of Singapore (NUS)**.
- 2010-2014 Lead Author, **IPCC (Intergovernmental Panel on Climate Change)**, Working Group III.
- 2007-2013 Member of the **Committee on Population, US National Academy of Sciences**.
- 2007 Senior Visiting Fellow, **Oxford Institute of Ageing**, Oxford University.
- 2004-2010 Member, Board of Directors, **Population Reference Bureau**, Washington D.C., USA.
- 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.
- 2002-2007 Editor, Earthscan scientific book series on **Population and Sustainable Development**.
- 2001-2002 Initiator and Coordinator, **Global Science Panel** on Population and Environment (sponsored by the IUSSP, IIASA, and the United Nations University).
- 1999-2006 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.
- 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

- **26 scientific books** (including 2 single author books, 5 co-authored books, and 19 edited volumes and special issues of scientific journals).
- **3 popular science books and 12 other scientific monographs and booklets**
- **276 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., R. Muttrarak, and E. Striessnig. 2014. Universal education is key to enhanced climate adaptation. *Science* 346(6213):1061-1062. (28 November 2014).
- 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., 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.

Nature Climate Change:

- Lutz, W. and R. Mutarak. 2017. Forecasting societies' adaptive capacities through demographic metabolism model. *Nature Climate Change* 7(3): 177-184, March 2017, doi:10.1038/NCLIMATE3222

Letters to Editor of Science and Nature/ Commentary:

- Messerli P, Kim EM, Lutz W, Moatti J-P, Richardson K, Saidam M, Smith D, Eloundou-Enyegue P, et al. 2019. Expansion of sustainability science needed for the SDGs. *Nature Sustainability*
DOI:10.1038/s41893-019-0394-z
- Lutz, W., Butz, W., KC, S., Sanderson, W., and Scherbov, S. 2014. Population growth: Peak probability. *Science*, 346(6209), 561–561. doi:10.1126/science.346.6209.561-a,
<http://www.sciencemag.org/content/346/6209/561.1.short>
- 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 M. Shah. 2002. Population should be on the Johannesburg agenda (letter to the editor). *Nature* 418, 17 (4 July 2002). Other signatories are: 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, M. F. Strong, B. Torrey, D. van de Kaa, H. J. A. van Ginkel, B. Yeoh, H. Zurayk.

PNAS:

- Lutz, W., Striessnig, E., Dimitrova, A., Ghislandi, S., Lijadi, A., Reiter, C., Spitzer, S., and Yildiz, D. 2021. Years of good life is a well-being indicator designed to serve research on sustainability. *Proceedings of the National Academy of Sciences* 118 (12) e1907351118.
[10.1073/pnas.1907351118](https://doi.org/10.1073/pnas.1907351118).
- Lutz, W., Reiter, C., Özdemir, C., Yildiz, D., Guimaraes, R., and Goujon, A. 2021. Skills-adjusted human capital shows rising global gap. *Proceedings of the National Academy of Sciences* 118 (7) e2015826118. [10.1073/pnas.2015826118](https://doi.org/10.1073/pnas.2015826118).
- Marois G, Bélanger A, and Lutz W. 2020. Population aging, migration, and productivity in Europe. *Proceedings of the National Academy of Sciences*: e201918988. DOI:[10.1073/pnas.1918988117](https://doi.org/10.1073/pnas.1918988117).
- Lutz, W., Crespo, J., Kebede, E., Fuernkranz-Prskawetz, A., Sanderson, W., and E. Striessnig. 2019. Education rather than age-structure brings demographic dividend. *Proceedings of the National Academy of Science*, <https://www.pnas.org/content/early/2019/06/07/1820362116>.
- Kebede, E., Goujon A., and W. Lutz. 2019. Stalls in Africa's fertility decline partly result from disruptions in female education. *Proceedings of the National Academy of Sciences*, doi:10.1073/pnas.1717288116

- KC, S., Wurzer, M., Springer M., and W. Lutz. 2018. Future population and human capital in heterogeneous India. *Proceedings of the National Academy of Sciences*: e201722359. DOI:10.1073/pnas.1722359115.
- Lutz, W. 2017. How population growth relates to climate change. *Proceedings of the National Academy of Sciences (PNAS)*, November 1, 2017, 201717178. <https://doi.org/10.1073/pnas.1717178114>
- Lutz, W. 2017. Global sustainable development priorities 500 y after Luther: Sola schola et sanitate. *Proceedings of the National Academy of Sciences (PNAS)* 114(27): 6904-6913, 3 July 2017, DOI: [10.1073/pnas.1702609114](https://doi.org/10.1073/pnas.1702609114)
- Abel, G., Barakat, B., KC, S., and W. Lutz. 2016. Meeting the sustainable development goals leads to lower world population growth. *Proceedings of the National Academy of Sciences (PNAS)* 113(50): 14294–14299. Available from: <http://www.pnas.org/content/early/2016/11/28/1611386113>

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):

- Lutz, W. and E. Kebede. 2018. Education and health: Redrawing the Preston curve. *Population and Development Review*. Online version: <https://onlinelibrary.wiley.com/doi/full/10.1111/padr.12141>
- Striessnig, E. and W. Lutz. 2016. Demographic strengthening of European identity. *Population and Development Review*, online version: 2 JUN 2016, doi: 10.1111/j.1728-4457.2016.00133.x.
- Lutz, W. 2014. A population policy rationale for the twenty-first century. *Population and Development Review* 40 (3): 527-544.
- Lutz, W. 2012. Demographic metabolism: A predictive theory of socioeconomic change. *Population and Development Review* 38, *Population and Public Policy: Essays in Honor of Paul Demeny* (Supplement): 283-301.
- 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.
- Pamuk, E.R, Fuchs, R., and W. Lutz. 2011. Comparing relative effects of education and economic resources on infant mortality in developing countries. *Population and Development Review* 37(4): 637-664.
- 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 CO₂ 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.

POPULAR SCIENCE BOOKS

- (P1) F. Fischler and W. Lutz. 2014. *Zukunft Denken - Werden es unsere Kinder besser haben?* (Thinking the Future - Will our Children be Better off?). Vienna, Austria: Galila Verlag (in German). ISBN 978-3-902533-62-3
- (P2) R. Klingholz and W. Lutz. 2016. *Wer Ueberlebt? Bildung entscheidet über die Zukunft der Menschheit* (Who Survives? Education decides the future of humanity). Frankfurt, Germany: Campus Verlag (in German). ISBN 978-3593505107
- (P3) W. Lutz and R. Klingholz. 2017. *Education First! From Martin Luther to Sustainable Development*. Stellenbosch, South Africa: Sun Media. (Slightly modified English version of P2). ISBN 978-1-928357-35-3

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 21st 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.
- (B22) *World Population and Human Capital in the 21st Century*. W. Lutz, W.P. Butz, and S. KC, Editors. Oxford, UK: Oxford University Press, 2014.
- (B23) *Education and Differential Vulnerability to Natural Disasters*. B. Butz, W. Lutz, and J. Sendzimir, Editors. Special Feature of *Ecology and Society* 19 (1), March 2014. Online open access: <http://www.ecologyandsociety.org/issues/view.php/feature/73>
- (B24) *Demographic and Human Capital Scenarios for the 21st Century: 2018 Assessment for 201 Countries*. Lutz W, Goujon A, KC S, Stonawski M, & Stilianakis N, Editors. Publications Office of the European Union, Luxembourg, 2018. DOI:10.2760/41776
- (B25) *Global Sustainable Development Report 2019: The Future is Now – Science for Achieving Sustainable Development*. Messerli P, Murniningtyas E, Eloundou-Enyegue P, Foli EG, Furman E, Glassman A, Hernández Licona G, Kim EM, et al. United Nations: New York, 2019.
- (B26) *Demographic Scenarios for the EU: Migration, population and education*. Lutz W, Amran G, Belanger A, Conte A, Gailey N, Ghio D, Grapsa E, Jensen K, et al. Publications Office of the European Union, Luxembourg, 2019.

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) G. Heilig, T. Büttner, and W. Lutz. Germany's population: Turbulent past, uncertain future. *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) G. Doblhammer, W. Lutz, and C. Pfeiffer. *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 (in German), 1996.
- (M10) W. Lutz, M. Beham, G. Denk, V. Nowak, and J. Pflegerl. *Statistik aus Kinderperspektive. Kinderspezifische Auswertung der Volkszählung 1991.* Vienna: Austrian Institute for Family Studies. (in German), 1997.
- (M11) W. Lutz, C. Prinz, V. Nowak, and C. Pfeiffer. *Fertility and Family Surveys in Countries of the ECE Region: Standard Country Report Austria.* Geneva: United Nations, 1998.
- (M12) W. Lutz, W.C. Sanderson, and S. Andrichowicz (Eds.) *Moving Frontiers in Population Forecasting and Aging: Sergei Scherbov 65. Annotated Reprints of Key Publications.* IIASA: Laxenburg, Austria, 2017. <http://pure.iiasa.ac.at/14782/1/Sergei-web-total.pdf>

ARTICLES IN SCIENTIFIC JOURNALS AND CHAPTERS IN REFEREED BOOKS

2021

- (A-277) Years of good life is a well-being indicator designed to serve research on sustainability. *Proceedings of the National Academy of Sciences* 118 (12) e1907351118. [10.1073/pnas.1907351118](https://doi.org/10.1073/pnas.1907351118). Co-authors: E. Striessnig, A. Dimitrova, S. Ghislandi, A. Lijadi, C. Reiter, S. Spitzer, and D. Yildiz,
- (A-276) Skills-adjusted human capital shows rising global gap. *Proceedings of the National Academy of Sciences* 118 (7) e2015826118. [10.1073/pnas.2015826118](https://doi.org/10.1073/pnas.2015826118). Co-authors: C. Reiter, C. Özdemir, D. Yildiz., R. Guimaraes, and A. Goujon.

2020

- (A-275) *Depopulation As A Policy Challenge In The Context Of Global Demographic Trends*. UNDP Serbia. Co-author: N. Gailey
- (A-274) World population trends and the rise of homo sapiens literata. In: *Transformative Roles of Science in Society: From Emerging Basic Science Toward Solutions for People's Wellbeing*. J. von Braun, M. Sánchez Sorondo (eds), pp. 43-67. Vatican City: Ex Aedibus Academicis in Civitate Vaticana. ISBN 978-88-7761-114-7
- (A-273) Population aging, migration, and productivity in Europe. *Proceedings of the National Academy of Sciences*: e201918988. DOI:[10.1073/pnas.1918988117](https://doi.org/10.1073/pnas.1918988117). Co-authors: G. Marois and A. Belanger
- (A-272) Developing pathways to sustainability: Fulfilling human needs and aspirations while maintaining human life support systems. In: *Systemic Thinking for Policy Making: The Potential of Systems Analysis for Addressing Global Policy Challenges in the 21st Century*. pp. 39-48 Paris, France: New Approaches to Economic Challenges, OECD. Publishing. ISBN 978-92-64-49456-5 DOI:[10.1787/879c4f7a-en](https://doi.org/10.1787/879c4f7a-en). Co-authors: E. Lanzi, S. Agrawala, R. Dellink, C. Zimm, N. Nakicenovic, S. Fritz and N. Rao.
- (A-271) The potential of integrated education and population policies. In: *Systemic Thinking for Policy Making: The Potential of Systems Analysis for Addressing Global Policy Challenges in the 21st Century*. pp. 91-98, Paris, France: New Approaches to Economic Challenges, OECD Publishing. ISBN 978-92-64-49456-5 DOI:[10.1787/879c4f7a-en](https://doi.org/10.1787/879c4f7a-en). Co-authors: T. Burns, A. Goujon, and S. KC.
- (A-270) Survival and years of good life in Finland in the very long run. *Finnish Yearbook of Population Research* 54: 1-27. DOI:[10.23979/fypr.87148](https://doi.org/10.23979/fypr.87148). Co-author: C. Reiter

2019

- (A-269) Expansion of sustainability science needed for the SDGs. *Nature Sustainability* <https://doi.org/10.1038/s41893-019-0394-z>. Co-authors: Messerli P, Kim EM, Lutz W, Moatti J-P, Richardson K, Saidam M, Smith D, Eloundou-Enyegue P, et al.
- (A-268) The impact of increasing education levels on rising life expectancy: a decomposition analysis for Italy, Denmark, and the USA. *Genus* 75: 1. <https://doi.org/10.1186/s41118-019-0055-0>. Co-authors: M. Luy, M. Zannella, C. Wegner-Siegmundt, Y. Minagawa and G. Caselli

- (A-267)Summary of ‘Demographic and human capital scenarios for the 21st century: 2018 assessment for 201 countries’. In: *Vienna Yearbook of Population Research 2018*. pp. 221-234. Austrian Academy of Sciences: Vienna. DOI:[10.1553/populationyearbook2018s221](https://doi.org/10.1553/populationyearbook2018s221). Co-authors: N. Gailey
- (A-266)The persistent influence of caste on under-five mortality: Factors that explain the caste-based gap in high focus Indian states. *PLoS ONE* 14 (8): e0211086. <https://doi.org/10.1371/journal.pone.0211086> Co-authors: J. Bora and R. Raushan
- (A-265)Education rather than age-structure brings demographic dividend. *Proceedings of the National Academy of Science*, Proceedings of the National Academy of Science 116 (26), 12798-12803 <https://www.pnas.org/content/early/2019/06/07/1820362116> . Co-authors: J. Crespo, E. Kebede, A. Fuernkranz-Prskawetz, W. Sanderson and E. Striessnig.
- (A-264)Stalls in Africa’s fertility decline partly result from disruptions in female education. *Proceedings of the National Academy of Sciences* 116 (8), 2891-2896, <https://doi.org/10.1073/pnas.1717288116> . Co-authors: E.Kebede and A. Goujon

2018

- (A-263)Global health and the changing contours of human life. In *Rethinking Society for the 21st Century: Report of the International Panel on Social Progress*, pp. 713-752. Cambridge: Cambridge University Press. <https://doi.org/10.1017/9781108399661.005> . Co-authors: Aikins, A., Wikler, D., Allotey, P., Beisel, U., Cooper, M., Eyal, N., Hausman, D., Lutz, W., Norheim, O., Roberts, E., Vagero, D., and Jebari, K.
- (A-262)Future population and human capital in heterogeneous India. *Proceedings of the National Academy of Sciences* 115 (33), 8328-8333, e201722359. <https://doi.org/10.1073/pnas.1722359115> . Co-authors: S. KC, M. Wurzer, and M. Springer
- (A-261)People-based systems analysis of health, education and institutions. Pages 279-280 in Mensah, P., Katerere, D., Hachigonta, S. & A. Roodt (eds) *Systems analysis approach for complex global challenges*, pp. 279-280 Springer, Cham. https://doi.org/10.1007/978-3-319-71486-8_14
- (A-260)Education and health: Redrawing the Preston curve. *Population and Development Review*. 44(2): 343–361. <https://onlinelibrary.wiley.com/doi/full/10.1111/padr.12141> Co-author: E.Kebede
- (A-259)The demographic future of Asia. Pages 514-539 in Zhao, Z. and A. C. Hayes (eds) *Routledge Handbook of Asian Demography*. London and New York: Routledge. ISBN 9780415659901. Co-author: S. KC
- (A-258)Human capital formation in Asia 1970–2010. Pages 412-230 in Zhao, Z. and A. C. Hayes (eds) *Routledge Handbook of Asian Demography*. London and New York: Routledge. ISBN 9780415659901. Co-author: S. KC

2017

- (A-257)The human core of the shared socioeconomic pathways: Population scenarios by age, sex and level of education for all countries to 2100. *Global Environmental Change* 42: 181-192. <https://doi.org/10.1016/j.gloenvcha.2014.06.004>. Co-author: S. KC
- (A-256)How population growth relates to climate change. *Proceedings of the National Academy of Sciences* 114 (46): 12103-12105. <https://doi.org/10.1073/pnas.1717178114>
- (A-255)Global sustainable development priorities 500 y after Luther: Sola schola et sanitate. *Proceedings of the National Academy of Sciences* 114 (27): 6904-6913. <https://doi.org/10.1073/pnas.1702609114>
- (A-254)Forecasting societies' adaptive capacities through a demographic metabolism model. *Nature Climate Change* 7: 177–184. <https://doi.org/10.1038/nclimate3222> Co-author: R. Muttara

- (A-253) Human capital, values, and attitudes of persons seeking refuge in Austria in 2015. *PLoS ONE* 11(9), e0163481. <https://doi.org/10.1371/journal.pone.0163481> Co-authors: I. Buber-Ennser, J. Kohlenberger, B. Rengs, Z. Al Zalak, A. Goujon, E. Striessnig, M. Potančoková, R. Gisser, M. R. Testa.
- (A-252) Meeting the sustainable development goals leads to lower world population growth. *Proceedings of the National Academy of Sciences (PNAS)* 113(50): 14294–14299. Co-authors: G. Abel, S. KC, B. Barakat. <https://doi.org/10.1073/pnas.1611386113>
- (A-251) Demographic models for predicting future markets. In T. Hennig-Thurau & C. F. Hofacker (Eds.) *Proceedings of the 2016 AMA Winter Marketing Educators' Conference*, H2-H10. Las Vegas, USA: American Marketing Association (AMA). ISBN: 0-87757-361-1. <https://www.ama.org/wp-content/uploads/2019/02/2016-ama-winter-proceedings.pdf>. Co-authors: T. Reutterer, K. Gruber, F. Stephany.
- (A-250) A four-dimensional population module for the analysis of future adaptive capacity in the Phang Nga province of Thailand. In T. Sobotka (Ed.) *Vienna Yearbook of Population Research 2015* 13(2015), pp. 263–287. Vienna, Austria: Austrian Academy of Sciences. DOI: <http://hw.oeaw.ac.at/?arp=0x00344f5b> Co-authors: E. Loichinger and S. KC
- (A-249) Crespo, J. & Lutz, W. The demography of human development and 2 climate change vulnerability: A projection exercise. In T. Sobotka (Ed.) *Vienna Yearbook of Population Research 2015* 13(2015), pp. 41–62. Vienna, Austria: Austrian Academy of Sciences. DOI: <http://hw.oeaw.ac.at/?arp=0x00344f59> Co-author: J. Crespo Cuaresma
- (A-248) What can demographers contribute to the study of vulnerability? In T. Sobotka (Ed.) *Vienna yearbook of population research 2015* 13(2015), pp. 41–62. Vienna, Austria: Austrian Academy of Sciences. DOI: <http://hw.oeaw.ac.at/?arp=0x00344f32> Co-authors: R. Muttarak and L. Jiang
- (A-247) A harmonized dataset on global educational attainment between 1970 and 2060 - An analytical window into recent trends and future prospects in human capital development. *Journal of Demographic Economics* 82: 315-363, doi: [10.1017/dem.2016.10](https://doi.org/10.1017/dem.2016.10). Co-authors: A. Goujon, S. KC., M. Springer, B. Barakat, M. Potancoková, J. Eder, E. Striessnig, R. Bauer.
- (A-246) Demographischer Metabolismus: Eine Prognosefähige Theorie des Sozialen Wandels.. In R. Bachleitner, M. Weichbold & M. Pausch (Eds.) *Empirische Prognoseverfahren in den Sozialwissenschaften Wissenschaftstheoretische und methodologische Problemlagen*, pp. 185-201. Wiesbaden, Germany: Springer. ISBN 978-3-658-11931-7 https://doi.org/10.1007/978-3-658-11932-4_8
- (A-245) Demographic strengthening of European identity. *Population and Development Review* 42(2): 305–311, <https://doi.org/10.1111/j.1728-4457.2016.00133.x>. Co-author: E. Striessnig
- (A-244) The shared socioeconomic pathways and their energy, land use, and greenhouse gas emissions implications: An overview. *Global Environmental Change* 42: 153-168. <https://doi.org/10.1016/j.gloenvcha.2016.05.009>. Co-authors: K. Riahi, D. P. van Vuuren, E. Kriegler, J. Edmonds, B. O'Neill, S. Fujimori, N. Bauer, K. Calvin, R. Dellink, O. Fricko, A. Popp, J. Crespo Cuaresma, S. KC, M. Leimbach, L. Jiang, T. Kram, S. Rao, J. Emmerling, K. Ebi, T. Hasegawa, P. Havlik, F. Humpenöder, L. Aleluia Da Silva, S. Smith, E. Stehfest, V. Bosetti, J. Eom, D. Gernaat, T. Masui, J. Rogelj, J. Strefler, L. Drouet, V. Krey, G. Luderer, M. Harmsen, K. Takahashi, L. Baumstark, J. Doelman, M. Kainuma, Z. Klimont, G. Marangoni, H. Lotze-Campen, M. Obersteiner, A. Tabeau, M. Tavoni.
- (A-243) Demographische Entwicklung in Österreich. In E. Jedelsky (Ed.) *Heimhilfe*, pp.1-3. Berlin, Heidelberg, Germany: Springer. https://doi.org/10.1007/978-3-662-46106-8_1

2015

- (A-242) Education stalls and subsequent stalls in African fertility: A descriptive overview. *Demographic Research* 33(47):1281-1296. Co-authors: A. Goujon and S. KC
- (A-241) Demographic metabolism: Enabling future generations. Pages 175-191 in B. Marin (ed), *The Future of Welfare in a Global Europe*. Ashgate.
- (A-240) Demography and human capital 2050 in Austria, Europe, and the world-Demographie und Humankapital 2050 in Oesterreich, Europa und der Welt. Pages 151-164 in Androsch H. and J. Taus (eds), *Austria- Where Should This Country go? Deliberations on the Economic Future of the Country [Oesterreich- Wohin soll das Land gehen? Ueberlegungen zur wirtschaftlichen Zukunft des Landes]*. Vienna, Graz, Austria: Neuer Wissenschaftlicher Verlag (in German).
- (A-239) Demographic aspects of climate change mitigation and adaptation. *Population Studies: A Journal of Demography*, 69(S1):S69-S76. Coauthor: E. Striessnig

2014

- (A-238) Sustainable development and equity, chapter 4 (Lead Author). Pages 283-350 in *Climate Change 2014: Mitigation of Climate Change*. IPCC Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press.
- (A-237) Universal education is key to enhanced climate adaptation. *Science*, 346(6213):1061-1062 (28 November 2014). Coauthors: R. Muttarak and E. Striessnig
- (A-236) Population growth: Peak probability. *Science*, 346(6209), 561–561. doi:10.1126/science.346.6209.561-a, <http://www.sciencemag.org/content/346/6209/561.1.short> Coauthors: W. Butz, S. KC, W. Sanderson, and S. Scherbov
- (A-235) Reducing vulnerability in critical life course phases by enhancing human capital. Pages 151-194 in K. Malik (ed), *Safeguarding Human Progress: Reducing Vulnerabilities, Building Resilience*. New York, USA: UNDP Human Development Report Office. Coauthors: S. KC, E. Loichinger, R. Muttarak, and E. Striessnig.
- (A-234) Epilogue: Education changes our view of the future. Pages 628-649 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press.
- (A-233) Alternative scenarios in the context of sustainable development. Pages 591-627 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press. Coauthor: S. KC
- (A-232) Remeasuring 21st century population ageing. Pages 563-590 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press. Coauthors: S. Scherbov, W. Sanderson, and S. KC
- (A-231) The rise of global human capital and the end of world population growth. Pages 519-562 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press. Coauthor: S. KC
- (A-230) How education drives demography and knowledge informs projections. Pages 14-38 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press. Coauthor: V. Skirbekk
- (A-229) Introduction. Pages 1-13 in Lutz, W., Butz, W.P., and S. KC (eds), *World Population and Human Capital in the 21st Century*. Oxford, UK: Oxford University Press. Coauthor: W. P. Butz
- (A-228) A population policy rationale for the twenty-first century. *Population and Development Review* 40 (3): 527-544.

- (A-227)Intergenerational tradeoffs, demographic metabolism, and the long term benefits of equitable empowerment in the near term. Pages 59-64 in *Can Earth's and Society's Systems Meet the Needs of 10 Billion People? Summary of a Workshop*. National Research Council, Washington, DC: The National Academies Press.
- (A-226)The human core of the shared socioeconomic pathways: Population scenarios by age, sex and level of education for all countries to 2100. *Global Environmental Change*, Article in press (Published online 4 July 2014). Coauthor: S. KC
- (A-225) Is the demographic dividend an education dividend? *Demography* 51(1): 299-315. (Online version A-221 published 4 December 2013). Coauthors: J. Crespo Cuaresma and W.C. Sanderson
- (A-224)Is education a key to reducing vulnerability to natural disasters and hence unavoidable climate change? *Ecology and Society* 19(1): 42. Doi:10.5751/ES-06476-190142. Coauthor: R. Muttarak
- (A-223)Demographic scenarios by age, sex and education corresponding to the SSP narratives. *Population and Environment* 35(3): 243-260. Coauthor: S. KC
- (A-222)How does education change the relationship between fertility and age-dependency under environmental constraints? A long-term simulation exercise. *Demographic Research* 30: 465–492. doi:10.4054/DemRes.2014.30.16 Coauthor: E. Striessnig

2013

- (A-221)Very long range global population scenarios to 2300 and the implications of sustained low fertility. *Demographic Research* 28(39): 1145-1166. Coauthors: S. Basten and S. Scherbov
- (A-220)Demography and human development: Education and population projections. Pages 113-140 in Malik, K. and M. Kugler (eds), *Human Progress and the Rising South*. New York, USA: UNDP Human Development Report Office. Coauthor: S. KC
- (A-219)Generations (Demography, Social Matters, Pensions)-Generationen (Demografie, Soziales, Pensionen). Pages 109-122 in *Austria 2050 - Fit for the Future [Oesterreich 2050 - Fit fuer die Zukunft]*, Austrian Council for Research and Technology Development - Rat für Forschung und Technologieentwicklung: Verlag Holzhausen (in German). Co-author: E. Loichinger
- (A-218)Austria 2050: Demographic trends and human resources for the future in the global context. Pages 163-179 in Reinhard Neck and Heinrich Schmidinger (eds.), *Tagungsband des Österreichischen Wissenschaftstages 2011, Migration [Conference Proceedings of the Austrian Science Day 2011, Migration]*. Vienna: Böhlau Verlag.
- (A-217)Education and population: Closely linked trajectories for Pakistan. Pages 25-39 in Sathar Z.A, R. Royan, and J. Bongaarts (eds), *Capturing Demographic Dividend in Pakistan*. New York and Islamabad: Population Council. Coauthors: A. Wazir and A. Goujon
- (A-216)Can below-replacement fertility be desirable? *Empirica* , DOI 10.1007/s10663-013-9213-3. Coauthor: E. Striessnig
- (A-215)Effects of educational attainment on climate risk vulnerability. *Ecology and Society* 18(1): 16. Coauthors: E. Striessnig and A. G. Patt
- (A-214)The future of fertility: Future trends in family size among low fertility populations. Pages 205-233 in E. Kaufmann and W.B. Wilcox (eds), *Whither the Child? Causes and Consequences of Low Fertility*. Boulder, London: Paradigm Publishers. Coauthors: S. Basten and E. Striessnig

2012

- (A-213)Demographic metabolism: A predictive theory of socioeconomic change. *Population and Development Review* 38, *Population and Public Policy: Essays in Honor of Paul Demeny* (Supplement): 283-301.

- (A-212)Demography's role in sustainable development (letter to the editor). *Science* 335(6071): 918. Coauthors: 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.
- (A-211)The demography of religions and their changing distribution in the world. Pages 91-107 in M.A.Glendon and H.F.Zacher (eds.), *Proceedings of the 17th Plenary Session of the Pontifical Academy of Social Sciences on Universal Rights in a World of Diversity. The Case of Religious Freedom*, 29 April-3 May, 2011, Vatican City. ISBN 978-88-86726-28-3. Coauthor: V. Skirbekk

2011

- (A-210)Misleading policy messages derived from the period TFR: Should we stop using it? *Comparative Population Studies – Zeitschrift für Bevölkerungswissenschaft* 35(3): 637-664. Coauthor: T. Sobotka
- (A-209)Comparing relative effects of education and economic resources on infant mortality in developing countries. *Population and Development Review* 37(4):637-664. Coauthors: E.R. Pamuk and R. Fuchs
- (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: M.Luy and C.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
- (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. Coauthor: S. KC
- (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, and 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 K.
- (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.
- (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, Katsuku 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. Kochendorfer-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 21st 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 Human Capital Formation and Sustainable Development*. London: Earthscan. Coauthors: W.C. Sanderson, S. Scherbov, and B.C. O'Neill.
- (A-148) Future human capital: Population projections by level of education. Pages 121-157 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: A. Goujon.
- (A-147) Literate life expectancy: Charting the progress in human development. Pages 159-186 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: A. Goujon.
- (A-146) Population-environment-development-agriculture interactions in Africa: A case study on Ethiopia. Pages 187-225 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: S. Scherbov, P.K. Makinwa-Adebusoye, and G. Reniers.
- (A-145) China's future urban and rural population by level of education. Pages 265-282 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: G.-Y. Cao.
- (A-144) Population, greenhouse gas emissions and climate change. Pages 283-314 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: B.C. O'Neill and F.L. MacKellar.
- (A-143) Conceptualizing population in sustainable development: From "population stabilization" to "population balance." Pages 315-334 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 B.C. O'Neill.

2003

- (A-142) Europe's population at a turning point. *Science* 299: 1991-1992. Coauthors: B.C. O'Neill and S. Scherbov. Reprinted as RR-03-06 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- (A-141) The emergence of sub-replacement family size ideals in Europe. *Population Research and Policy Review* 22(5-6): 479-496. Coauthors: J. Goldstein and M.R. Testa.
- (A-140) 'Vienna: A city beyond aging' – revisited and revised. Pages 181-195 in G. Feichtinger (ed.), *Vienna Yearbook of Population Research 2003*. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften. Coauthors: S. Scherbov and A. Hanika.
- (A-139) The end of population growth in Asia. *Journal of Population Research* 20(1): 125-141. Coauthors: S. Scherbov and W. Sanderson.
- (A-138) Projections and forecasts, population. Pages 808-813 in P. Demeny and G. McNicoll (eds.), *Encyclopedia of Population*, Vol. 2. New York: Thomson Gale. Coauthor: B.C. O'Neill.
- (A-137) Determinants of human population growth. Pages 85-109 in R.M. Sibly, J. Hone, and T.H. Clutton-Brock (eds.), *Wildlife Population Growth Rates*. Cambridge, UK: Cambridge University Press for the Royal Society. Coauthor: Q. Ren.
- (A-136) Population density and human fertility: An exploratory analysis. *Chinese Journal of Population Science* 5: 1-10 (in Chinese). Coauthor: Q. Ren.
- (A-135) Ende des Weltbevölkerungswachstums in Laufe dieses Jahrhunderts wahrscheinlich (The end of world population growth during this century probable). Pages 126-127 in *Wirtschaft und Statistik*. Sonderausgabe anlässlich des 54. Weltkongresses des Internationalen Statistischen Instituts vom 13. bis 20. August 2003 in Berlin. Herausgeber Statistisches Bundesamt, Wiesbaden. Frankfurt: Kern & Birner (in German).
- (A-134) Long-term population decline in Europe: The relative importance of tempo effects and generational length. *Population and Development Review* 29(4): 699-707 (December 2003). Coauthors: J. Goldstein and S. Scherbov. Reprinted as RR-04-004 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.

2002

- (A-133) Global population trends. Pages 16-34 in *Encyclopedia of Global Environmental Change*, Editor-in-Chief Ted Munn. Volume 3: Causes and consequences of global environmental change, edited by Ian Douglas. Chichester: John Wiley and Sons. Coauthor: A. Goujon.
- (A-132) Demographic transition. Pages 211-214 in *Encyclopedia of Global Environmental Change*, Editor-in-Chief Ted Munn. Volume 5, Social and economic dimensions of global environmental change, edited by Peter Timmerman. Chichester: John Wiley and Sons. Coauthor: A. Goujon.
- (A-131) 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. Coauthors: A. Prskawetz and W.C. Sanderson.
- (A-130) 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. Coauthors: S. Scherbov, A. Prskawetz, M. Dworak, and G. Feichtinger. Reprinted in G. Feichtinger (ed.), *Vienna Yearbook of Population Research 2003*, pp. 51-72. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften (2003).

- (A-129) 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. Coauthors: W.C. Sanderson, and A. Wils.
- (A-128) Impacts of global population trends. Pages 239-259 in *The Contextual Determinants of Malaria*, edited by Elizabeth A. Casman and Hadi Dowlatabadi. Washington, D.C.: Resources for the Future.
- (A-127) Population – A global challenge for the twenty-first century. Pages 126-148 in Hans van Ginkel, Brendan Barrett, Julius Court, and Jerry Velasquez (eds.), *Human Development and the Environment. Challenges for the United Nations in the New Millennium*. New York: United Nations University Press.
- (A-126) Interactions between coastal and marine ecosystems and human population systems: Perspectives on how consumption mediates this interaction. In Sara Curran, Tundi Agardy, Maria C.J. Cruz, Partha Dasgupta, Anuradha Kumar, Wolfgang Lutz, Meryl Williams, Elisabeth Kessler, and Melanie Adams (eds.), *Population, Consumption, Environment*. Special Issue of *Ambio* 31(4): 264-268. Coauthors: Sara Curran, Anuradha Kumar, and Meryl Williams.
- (A-125) Population, consumption, and environment: Lessons learned and future research about coastal and marine ecosystems. In Sara Curran, Tundi Agardy, Maria C.J. Cruz, Partha Dasgupta, Anuradha Kumar, Wolfgang Lutz, Meryl Williams, Elisabeth Kessler, and Melanie Adams (eds.), *Population, Consumption, Environment*. Special Issue of *Ambio* 31(4): 377-383. Coauthors: Tundi Agardy, Chona Cruz, Sara Curran, Partha Dasgupta, Anuradha Kumar, and Meryl Williams.
- (A-124) Determinants of human population growth. *Phil. Trans. R. Soc. Lond. B* 357: 1197-1210. Coauthor: Q. Ren.
- (A-123) Population belongs on the Johannesburg agenda. *Global Change & Human Health* 3(1): 33-35. (Subtitle of issue: Reviews on globalisation, environmental change and health, edited by Pim Martens, Tony McMichael and Jonathan Patz. Dordrecht, NL: Kluwer Academic Publishers, July 2002.) Coauthors: 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.
- (A-122) The Global Science Panel on Population in Sustainable Development. *Population and Development Review* 28(2): 367-369. Coauthors: 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.
- (A-121) Population ageing in Europe: Demographic evidence and forecasts. Pages 15-22 in *18th CEIES Report on Active Ageing Statistics*. Luxembourg: Office for Official Publications of the European Communities. Coauthor: S. Scherbov.

2001

- (A-120) The world's changing human capital stock: Multi-state population projections by educational attainment. *Population and Development Review* 27(2): 323-339. Coauthor: A. Goujon. Reprinted as RR-01-11 by the International Institute for Applied Systems Analysis, Laxenburg, Austria (2001). Reprinted in G. Feichtinger (ed.), *Vienna Yearbook of Population Research 2003*, pp. 19-33. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften (2003).
- (A-119) The end of world population growth. *Nature* 412: 543-545. Coauthors: W. Sanderson and S. Scherbov. Reprinted as RR-01-12 by the International Institute for Applied Systems Analysis, Laxenburg, Austria (2001). Reprinted in G. Feichtinger (ed.), *Vienna Yearbook of Population*

Research 2003, pp. 1-18. Vienna, Austria: Verlag der Österreichischen Akademie der Wissenschaften (2003).

- (A-118) Likely future population trends in Greece and in the European Union. Pages 37-50 in Elias Kikilias, Christos Bagavos, Platon Tinios, and Michael Chletsos (eds.), *Demographic Ageing*. Athens: Ethniko Institutouto Ergasias (in Greek). Coauthors: W. Sanderson and S. Scherbov.
- (A-117) World population in 2050: Assessing the projections. Pages 123-129 in Jane Sneddon Little and Robert K. Triest (eds.), *Seismic Shifts: The Economic Impact of Demographic Change*. Conference Series No. 46. Boston: Federal Reserve Bank of Boston.

2000

- (A-116) Multivariate analysis-based prediction rule for pulmonary embolism. *Thrombosis Research* 97(2000): 267-273. Coauthors: C. Stöllberger, J. Finsterer, C. Stöberl, A. Kroiss, A. Valentin, and J. Slany.
- (A-115) Demographic change and the environment. Pages 35-45 in S. Nishioka and J. Jäger (eds.), *Report of the 1999 Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, Shonan Village, Japan, 24-26 June 1999. Kanagawa, Japan: Institute for Global Environmental Strategies.
- (A-114) Global demographic imbalances in the 21st century. Pages 21-45 in G. Magerl, H. Rumpler, C. Smekal (eds.), *Wissenschaft und Zukunft. Beiträge der Wissenschaften zur bewältigung globaler Krisen*. Vienna: Böhlau.
- (A-113) Determinants of low fertility and ageing prospects for Europe. Pages 49-65 in Sylvia Trnka (ed.), *Family Issues Between Gender and Generations*. Seminar Report, produced by the European Observatory on Family Matters at the Austrian Institute for Family Studies, Vienna, Austria. Luxembourg: Office for Official Publications of the European Communities.
- (A-112) Quantifying vicious circle dynamics: The PEDA model for population, environment, development and agriculture in African countries. Pages 311-322 in E.J. Dockner, R.F. Hartl, M. Luptacik, and G. Sorger (eds.), *Optimization, Dynamics, and Economic Analysis. Essays in Honor of Gustav Feichtinger*. Heidelberg: Physica-Verlag. Coauthor: S. Scherbov.
- (A-111) Introduction: Understanding complex population-environment interactions. Pages iv-x in W. Lutz, L. Prieto, and W. Sanderson (eds.), *Population, Development, and Environment on the Yucatan Peninsula: From Ancient Maya to 2030*. Laxenburg, Austria: IIASA.
- (A-110) Social and environmental factors in the classic Maya collapse. Pages 2-32 in W. Lutz, L. Prieto, and W. Sanderson (eds.), *Population, Development, and Environment on the Yucatan Peninsula: From Ancient Maya to 2030*. Laxenburg, Austria: IIASA. Coauthors: W.J. Folan, B. Faust, and J.D. Gunn.
- (A-109) Future population and education trends: Scenarios to 2030 by socioecological region. Pages 141-172 in W. Lutz, L. Prieto, and W. Sanderson (eds.), *Population, Development, and Environment on the Yucatan Peninsula: From Ancient Maya to 2030*. Laxenburg, Austria: IIASA. Coauthors: A. Goujon and I. Kohler.
- (A-108) Low fertility and population policy in Europe. Pages 54-82 in *Low Fertility and Policy Responses to Issues of Ageing and Welfare*. Seoul: Korea Institute for Health and Social Affairs.
- (A-107) Familie und Erwerb. Pages 61-89 in Helmuth Schattovits (ed.), *Kinderbetreuungsscheck: Modellentwicklung und Analysen*. Vienna: Austrian Institute for Family Studies (in German). Coauthors: Vera Nowak, Martin Oppitz, and Christiane Pfeiffer.
- (A-106) Schlussfolgerungen (Conclusions). Pages 191-216 in Helmuth Schattovits (ed.), *Kinderbetreuungsscheck: Modellentwicklung und Analysen*. Vienna: Austrian Institute for Family Studies (in German). Coauthor: Helmuth Schattovits.

1999

- (A-105) 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. Coauthor: D.A. Ahlburg.
- (A-104) Demographic dimensions in forecasting: Adding education to age and sex. Pages 42-58 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. Coauthors: A. Goujon and G. Doblhammer-Reiter.
- (A-103) Expert-based probabilistic population projections. Pages 139-155 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. Coauthors: W.C. Sanderson and S. Scherbov.
- (A-102) Ways to improve population forecasting: What should be done differently in the future? Pages 191-198 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. Coauthors: D.A. Ahlburg and J.W. Vaupel.
- (A-101) The need to reassess the role of the population variable in global development. *Yearbook of Population Research in Finland 1998-1999*, 35: 30-38. Helsinki: Population Research Institute.
- (A-100) Endogenous growth of population and income depending on resource and knowledge. *European Journal of Population* 14: 305-331. Coauthors: A. Prskawetz, G. Feichtinger, M. Luptacik, A. Milik, F. Wirl, and F. Hof.
- (A-99) Is pregnancy in Austria still a reason for marriage? Pages 17-35 in W. Lutz (ed.), *Compendium of Family Studies in Austria 1999 (Kompendium der Familienforschung in Österreich 1999)*, No. 7. Vienna: Austrian Institute for Family Studies. Coauthors: C. Pfeiffer and V. Novak.
- (A-98) Probabilistische Bevölkerungsprognosen für Deutschland. Pages 1323-1365 in Enquete-Kommission "Demographischer Wandel," Deutscher Bundestag (eds.), *Herausforderungen unserer älter werdenden Gesellschaft an den einzelnen und die Politik*. Volume 4. Heidelberg: R.v. Decker's Verlag (in German). Coauthor: S. Scherbov.
- (A-97) Will Europe be short of children? *Family Observer* 1999: 8-16 (Luxembourg: Office for Official Publications of the European Communities).
- (A-96) What do we know about the future changes in the proportions of children and elderly in Europe? Pages 123-139 in W. Lutz (ed.), *Compendium of Family Studies in Austria 1999 (Kompendium der Familienforschung in Österreich 1999)*, No. 7. Vienna: Austrian Institute for Family Studies. Coauthor: S. Scherbov. Reprinted as RR-00-05 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- (A-95) The long-term effect of the timing of fertility decline on population size. *Population and Development Review* 25(4): 749-756. Coauthors: B.C. O'Neill and S. Scherbov.

1998

- (A-94) Population and climate change. Pages 89-193 in Steve Rayner and Elizabeth L. Malone (eds.), *Human Choice and Climate Change, Volume One, The Societal Framework*. Columbus, Ohio: Battelle Press. Coauthors: F.L. MacKellar, A.J. McMichael, and A. Suhrke.
- (A-93) An expert-based framework for probabilistic national population projections: The example of Austria. *European Journal of Population* 14: 1-17. Coauthor: S. Scherbov. Reprinted as RR-98-10 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.

- (A-92) Probabilistische Bevölkerungsprognosen für Deutschland. (Probabilistic population forecasts for Germany) *Zeitschrift für Bevölkerungswissenschaft* 23(2): 83-109 (in German). Coauthor: S. Scherbov.

1997

- (A-91) Doubling of world population unlikely. *Nature* 387: 803-805 (19 June 1997). Coauthors: W. Sanderson and S. Scherbov. Reprinted as RR-97-10 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- (A-90) Maailman väestönkasvu (World population growth). Pages 25-28 in Pentti Hyttinen (ed.), *Päättäjäien Metsäakatemia*. Helsinki, Finland: Suomen Metsäyhdistys ry (in Finnish).
- (A-89) Long-term macro models of population, development, and environment. Pages 249-278 in Riad Dahel and Ismail Siragelden (eds.), *Research in Human Capital and Development, Volume 11A*. London: JAI Press.
- (A-88) Female education likely to lead to long-term population decline and near-term gain in quality of life. *Politics and the Life Science* 16(2): 209-211.
- (A-87) Introduction: Purpose of FAMSIM. Pages 7-11 in W. Lutz (ed.), *FAMSIM – Austria. Feasibility Study for a Dynamic Microsimulation Model for Projections and the Evaluation of Family Policies Based on the European Family and Fertility Survey*. Vienna: Austrian Institute for Family Studies.
- (A-86) The family and fertility survey (FFS). Pages 54-64 in W. Lutz (ed.), *FAMSIM – Austria. Feasibility Study for a Dynamic Microsimulation Model for Projections and the Evaluation of Family Policies Based on the European Family and Fertility Survey*. Vienna: Austrian Institute for Family Studies. Coauthors: V. Nowak and C. Pfeiffer.
- (A-85) How can FAMSIM be applied to other European countries? Pages 110-115 in W. Lutz (ed.), *FAMSIM – Austria. Feasibility Study for a Dynamic Microsimulation Model for Projections and the Evaluation of Family Policies Based on the European Family and Fertility Survey*. Vienna: Austrian Institute for Family Studies.
- (A-84) Ein probabilistischer Ansatz zur Bevölkerungsvorausschätzung für Österreich. (A probabilistic approach to population forecasting in Austria). *Statistische Nachrichten* 12: 984-988 (in German). Coauthors: A. Hanika and S. Scherbov.

1996

- (A-83) Population and biodiversity. Pages 229-241 in Victoria Dompka (ed.), *Human Population, Biodiversity and Protected Areas: Science and Policy Issues*. Washington, D.C.: American Association for the Advancement of Science, International Directorate.
- (A-82) Alternative approaches to population projection. Pages 14-44 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan, Revised Edition. Coauthors: J.R. Goldstein and C. Prinz.
- (A-81) Future reproductive behavior in industrialized countries. Pages 253-277 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan, Revised Edition.
- (A-80) World population scenarios for the 21st century. Pages 361-396 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan, Revised Edition. Coauthors: W. Sanderson, S. Scherbov, and A. Goujon.
- (A-79) Probabilistic population projections based on expert opinion. Pages 397-428 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan, Revised Edition. Coauthors: W. Sanderson and S. Scherbov.
- (A-78) Epilogue: Dilemmas in population stabilization. Pages 429-435 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan, Revised Edition.

- (A-77) Challenges for studying population-environment interactions in the Arab region. Pages 329-351 in *Arab Regional Population Conference*, Volume 1, Cairo, December 1996. Liege, Belgium: International Union for the Scientific Study of Population.
- (A-76) Future trends of population and education in nine Arab States. Pages 142-172 in *Arab Regional Population Conference*, Volume 2, Cairo, December 1996. Liege, Belgium: International Union for the Scientific Study of Population. Coauthor: A. Goujon.

1995

- (A-75) Analyzing the role of population parameters in sustainable national development and options for influencing them. Pages 137-166 in John I. Clarke and Leon Tabah (eds.), *Population-Environment-Development Interactions*. Paris: CICRED.
- (A-74) Population, households and CO₂ emissions. *Population and Development Review* 21(4): 849-865. Coauthors: F.L. MacKellar, C. Prinz, and A. Goujon. Reprinted as RR-96-6 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.

1994

- (A-73) Introduction: Past and present studies of the Soviet population. Pages xxxi-xl in W. Lutz, S. Scherbov and A. Volkov (eds.), *Demographic Trends and Patterns in the Soviet Union before 1991*. London: Routledge.
- (A-72) Survey of fertility trends in the republics of the Soviet Union: 1959-1990. Pages 19-40 in W. Lutz, S. Scherbov and A. Volkov (eds.), *Demographic Trends and Patterns in the Soviet Union before 1991*. London: Routledge. Coauthor: S. Scherbov.
- (A-71) Population and environment--What do we need more urgently: Better data, better models, or better questions? Pages 47-62 in *Environment and Population Change*, edited by Basia Zaba and John Clarke. Liege: Derouaux Ordina Editions.
- (A-70) Introduction. Pages 1-8 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag.
- (A-69) People on Mauritius, 1638-1991. Pages 75-97 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag. Coauthor: A.B. Wils.
- (A-68) Philosophy of the PDE approach. Pages 209-220 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag.
- (A-67) The population module. Pages 221-231 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag. Coauthor: C. Prinz.
- (A-66) Lessons from Mauritius in the global context. Pages 361-385 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag.
- (A-65) Epilogue: How useful is the Mauritius study for other parts of the world? Pages 387-389 in W. Lutz (ed.), *Population-Development-Environment. Understanding Their Interactions in Mauritius*. Heidelberg: Springer-Verlag.
- (A-64) Introduction. Pages xiv-xviii in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan.
- (A-63) Alternative approaches to population projection. Pages 17-50 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan. Coauthors: J.R. Goldstein and C. Prinz.

- (A-62) Future reproductive behavior in industrialized countries. Pages 267-294 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan.
- (A-61) The IIASA world population scenarios to 2030. Pages 391-422 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan. Coauthors: C. Prinz and J. Langgassner.
- (A-60) Special world population scenarios to 2100. Pages 423-441 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan. Coauthors: C. Prinz and J. Langgassner.
- (A-59) Epilogue. Pages 443-450 in W. Lutz (ed.), *The Future Population of the World. What Can We Assume Today?* London: Earthscan.
- (A-58) Country case study: Population and Sustainable Development in Mauritius. Pages 121-133 in *Population and Development Strategies*. UNFPA Technical Report, No. 19. New York: United Nations Population Fund.
- (A-57) Bevölkerung und Umwelt. (Population and Environment). Pages 67-77 in A. Grübler, O. Höll, W. Lichem, and C. Rakos (eds.), *Spannungsfeld Umwelt und Entwicklung*. Vienna: J&V Verlag (in German).
- (A-56) World population trends: Global and regional interactions between population and the environment. Pages 41-65 in L. Arizpe, M.P. Stone, and D.C. Major (eds.), *Population and Environment: Rethinking the Debate*. Oxford: Westview Press.
- (A-55) Ältere Menschen in Europa. Demographische Perspektiven 1990-2050. Part 1. *Journal für Sozialforschung* 34(2): 197-220 (in German). Coauthor: C. Prinz.

1993

- (A-54) The future of international migration. Pages 67-84 in R. Cliquet (ed.), *The Future of Europe's Population: A Scenario Approach*. Population Studies, No. 26. Strasbourg: Council of Europe Press.
- (A-53) Alternative demographic scenarios for 20 large member states of the Council of Europe 1990-2050. Pages 85-106 in R. Cliquet (ed.), *The Future of Europe's Population: A Scenario Approach*. Population Studies, No. 26. Strasbourg: Council of Europe. Coauthor: C. Prinz. Reprinted as RR-94-3 by the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- (A-52) Modelling future immigration and integration in Western Europe. Pages 83-99 in R. King (ed.), *The New Geography of European Migrations*. London: Belhaven Press. Coauthor: C. Prinz.
- (A-51) Nuptiality research: Marriage; Dissolution; Remarriage. Chapter 13 edited by W. Lutz *Readings in Population Research Methodology*, Volume 4: Nuptiality, Migration, Household, and Family Research, edited by Donald Bogue. Published for the United Nations Population Fund by Social Development Center, Chicago, Illinois.
- (A-50) Nuptiality rates. Section 3, pages 13-3 - 13-6 in Chapter 13 edited by W. Lutz in *Readings in Population Research Methodology*, Volume 4: Nuptiality, Migration, Household, and Family Research, edited by Donald Bogue. Published for the United Nations Population Fund by Social Development Center, Chicago, Illinois.
- (A-49) Mauritius: Population and land use. Pages 98-105 in C.L. Jolly and B.B. Torrey (eds.), *Population and Land Use Change in Developing Countries: Report of a Workshop*. Washington, D.C.: National Research Council/National Academy of Sciences. Coauthor: E. Holm.
- (A-48) Effects of children on divorce probabilities and of divorce on fertility: The case of Finland 1984. *Yearbook of Population Research in Finland* 31: 72-80. Helsinki: Population Research Institute.
- (A-47) Population: The dynamics of change. *Outlook on Agriculture* 22(4): 211-219.

1992

- (A-46) Die soziale Dimension der Globalisierung: Bevölkerungsentwicklung und Migration (The social dimension of globalization: population trends and migration). Pages 62-70 in *Die neuen globalen Herausforderungen - Die UNO an der Schwelle zum nächsten Jahrhundert*. Vienna, Austria: J&V Dachs-Verlag (in German).
- (A-45) Sensitivity of aggregate period life expectancy to different averaging procedures. *Population Bulletin of the United Nations* 33:32-46 (printed in English, French, and Spanish). Coauthor: S. Scherbov.
- (A-44) Population and natural resource use. Pages 61-78 in J.C.I. Dooge, G.T. Goodman, and J.W.M. la Riviere (eds.), *An Agenda of Science for Environment and Development into the 21st Century*. Cambridge: Cambridge University Press. Coauthors: L. Arizpe and R. Costanza.
- (A-43) Reconstructing Ukrainian fertility during the years of cataclysms in the 1930s and 1940s. *Acta Demographica*, pp. 103-116. Heidelberg, Germany: Physica-Verlag. Coauthors: S. Scherbov and S. Pirozhkov.
- (A-42) Population and sustainable development: A case study of Mauritius. Pages 57-82 in Evert van Imhoff, Ellen Themmen, and Frans Willekens (eds.), *Population, Environment, and Development*. Amsterdam: Swets & Zeitlinger. Coauthor: J. Baguant.
- (A-41) Long range population prospects for Finland. *Yearbook of Population Research in Finland* 30: 68-80. Helsinki: Population Research Institute. Coauthor: C. Prinz.
- (A-40) What difference do alternative immigration and integration levels make to Western Europe? *European Journal of Population* 8(4): 341-361. Coauthor: C. Prinz.
- (A-39) Tendenzen der Bevölkerungsentwicklung in den Regionen Europas (Population trends in the regions of Europe). *Mitteilungen der Österreichischen Geographischen Gesellschaft* 134: 51-68 (in German).

1991

- (A-38) Introduction. Pages xi-xx in W. Lutz (ed.), *Future Demographic Trends in Europe and North America. What Can We Assume Today?* London: Academic Press.
- (A-37) Distributional analysis of period fertility. Pages 169-195 in W. Lutz (ed.), *Future Demographic Trends in Europe and North America. What Can We Assume Today?* London: Academic Press. Coauthor: G. Feeney.
- (A-36) Regional population patterns in the Soviet Union: Scenarios to the year 2050. Pages 421-449 in W. Lutz (ed.), *Future Demographic Trends in Europe and North America. What Can We Assume Today?* London: Academic Press. Coauthor: S. Scherbov.
- (A-35) Alternative demographic scenarios for Europe and North America. Pages 523-560 in W. Lutz (ed.), *Future Demographic Trends in Europe and North America. What Can We Assume Today?* London: Academic Press. Coauthors: C. Prinz, A. Wils, T. Büttner, and G. Heilig.
- (A-34) The demographic approach. Pages 237-242 in A.J. Gilbert and L.C. Braat (eds.), *Modeling for Population and Sustainable Development*. London: Routledge.
- (A-33) Population, development and environment. Pages 41-57 in *State of the Environment in Mauritius*. Port Louis, Mauritius: Ministry of Environment and Quality of Life, Government of Mauritius.
- (A-32) The demographic dimensions of divorce: The case of Finland. *Population Studies* 45(3): 437-454. Coauthors: A.B. Wils and M. Nieminen.

1990

- (A-31) Vergleichende Analyse der Fertilitätsentwicklungen in der BRD, der DDR und Österreich (Comparative analysis of fertility trends in the FRG, GDR, and Austria). *Acta Demographica* 1: 27-45 (in German). Coauthor: T. Büttner.
- (A-30) Ein demographisches Prognosemodell mit Berücksichtigung von Bevölkerungsgruppen, die sich durch Heirat mischen, am Beispiel der evangelischen Kirche in Österreich (A demographic projection model considering populations mixing by marriage exemplified at the Evangelical Church in Austria). *Österreichische Zeitschrift für Statistik und Informatik (ZSI)* 20(1-2/1990): 41-52 (in German).
- (A-29) Estimating fertility responses to policy measures in the German Democratic Republic. *Population and Development Review* 16(3): 539-555. Coauthor: T. Büttner.
- (A-28) Languages and ethno-religious changes in Canada. *Canadian Studies in Population* 17(2)/1990: 19-25 (special issue on the demographic review of Canada). Coauthor: Ch. Castonguay.

1989

- (A-27) Long term fertility fluctuations: Cycles or unsteadiness? Pages 155-161 in R. Andorka (ed.), *Long Term Fluctuation in Fertility*. Sociological Working Papers, No. 6 (March 1989). Budapest, Hungary: Karl Marx University of Economic Sciences, Department of Sociology.
- (A-26) Fertility and marital status changes over the life cycle: A comparative study of Finland and Austria. *Yearbook of Population Research in Finland*, pp. 15-28. Helsinki: Population Research Institute. Coauthor: D. Wolf.
- (A-25) Vienna, a city beyond aging. *Bulletin of the American Academy of Arts and Sciences* 42(4): 14-21. Coauthor: A. Hanika. Also in *POPNET* 14: 1-6 (August 1988) (Laxenburg, Austria: IIASA).
- (A-24) Modellrechnungen zum Einfluß regional unterschiedlicher Fertilitätsniveaus auf die zukünftige Bevölkerungsverteilung in der Sowjetunion (Scenarios on the impact of regional fertility differential on the future regional population distribution in the Soviet Union). *Zeitschrift für Bevölkerungswissenschaft* 15(3): 271-292 (in German). Coauthor: S. Scherbov.
- (A-23) Comparative analysis of completed parity distributions: A global WFS perspective. In *Population Bulletin of the United Nations* 28: 25-57. Published in English, French and Spanish.

1988

- (A-22) Altersstruktureffekte bei der Schätzung der schliesslichen Paritätsverteilung (Age-structural effects in the estimation of completed parity distributions). Pages 157-168 in C. Höhn, W. Linke, and R. Mackensen (eds.), *Demographie in der Bundesrepublik Deutschland: Festschrift für Karl Schwarz*, Vol. 18. Boppard am Rhein: Harald Boldt Verlag (in German). Coauthor: G. Feichtinger.
- (A-21) The demographic dimensions of fertility in Finland 1984. *Yearbook of Population Research in Finland* 26: 49-61. Helsinki: Population Research Institute.
- (A-20) Demographische Analyse des familienbezogenen Lebenszyklus österreichischer Frauen (Demographic analysis of the family-related life cycle of Austrian women). *Demographische Informationen* 1987/88, pp. 61-72 (in German). Coauthor: E. Aufhauser.

1987

- (A-19) Effects of fertility trends on population aging in Finland. *Yearbook of Population Research in Finland* 25: 19-29. Helsinki: Population Research Institute.
- (A-18) The division of labor for society's reproduction: On the concentration of childbearing and rearing in Austria. *Österreichische Zeitschrift für Statistik und Informatik* 1-2: 81-96. Coauthor: J. Vaupel.

- (A-17) Culture, religion, and fertility: A global view. *Genus* 43(3-4): 15-35.
- (A-16) Diagnostik der Pulmonalembolie mit leicht verfügbaren Daten - Resultate einer multiplen Regressionsanalyse (Diagnostics of Pulmonary Embolisms with easily available data: Results of a multiple regression analysis). *Intensivmedizin und Notfallmedizin* 24: 421-424 (in German). Coauthors: C. Stöllberger, Ch. Stöberl, A. Kroiss, and J. Slany.
- (A-15) Factors associated with the Finnish fertility decline since 1776. *Population Studies* 41(3): 463-482.

1986

- (A-14) Kindersterblichkeit in Nepal: Analyse sozio-ökonomischer Determinanten und Vergleich zu anderen Entwicklungsländern (Child mortality in Nepal: Analysis of socio-economic differentials in comparison to other developing countries). *Demographische Informationen* 1986, pp. 62-70 (in German).
- (A-13) Das Altern der österreichischen Bevölkerung: Eine graphische Analyse (Aging of the Austrian population: A graphical representation). *Demographische Informationen* 1986, pp. 80-87 (in German).

1985

- (A-12) Ein Kind, zwei Kinder, drei Kinder? (One, two, or three children: Findings from an Austrian longitudinal fertility survey). Pages 71-82 in R. Münz (ed.), *Leben mit Kindern*. Vienna (in German).
- (A-11) Realisation und Veränderung von Kinderwünschen: der dynamische Aspekt (Realization and change of desired family sizes: The dynamic aspect). Pages 83-94 in R. Münz (ed.), *Leben mit Kindern*. Vienna (in German).
- (A-10) Warum eine Longitudinalstudie? (Why conduct a longitudinal study?) Pages 263-277 in R. Münz (ed.), *Leben mit Kindern*. Vienna (in German).
- (A-9) Empfängnisverhütung und Familienplanung (Contraception and family planning). Pages 183-197 in R. Münz (ed.), *Leben mit Kindern*. Vienna (in German). Coauthor: R. Münz.
- (A-8) Heiraten, Scheidungen und Kinderzahl. Demographische Tafeln zum Familien-Lebenszyklus in Österreich (Marriage, divorce, and the number of children. A life table approach to the analysis of the family life cycle in Austria). *Demographische Informationen*, pp. 3-21 (in German).
- (A-7) Gemischt-konfessionelle Familien in Österreich. Analyse bevölkerungsstatistischer Daten (Cross-denominational marriages in Austria). *Demographische Informationen*, pp. 77-81 (in German).
- (A-6) Zur prognostischen Relevanz von Fertilitätsstudien (On the predictive value of fertility studies). *Zeitschrift für Bevölkerungswissenschaften* 3: 287-303 (in German).

1984

- (A-5) Hintergründe der Fruchtbarkeitsentwicklung in der Welt nach 1950 (Factors behind the global fertility development since 1950 - a multivariate analysis on time series of 128 countries). *Demographische Informationen*, pp. 21-48 (in German).
- (A-4) Wie konsistent sind persönliche Angaben? Analyse von Aussagen zur Gewolltheit von Schwangerschaften (The consistency of reporting fertility planning status). *Demographische Informationen*, pp. 109-115 (in German).
- (A-3) The changing nature of the link between infant mortality and fertility in Finland 1776-1978. *Yearbook of Population Research in Finland*, pp. 26-45. Helsinki: Population Research Institute.
- (A-2) Die Entwicklung paritätsspezifischer Fruchtbarkeitskontrolle: Modifikation und Applikation des Index of Family Limitation (The development of parity-specific fertility control: Modification and

application of the index of family limitation). *Zeitschrift für Bevölkerungswissenschaft* 4: 449-462 (in German).

1983

(A-1) Eine Fruchtbarkeitstafel auf Paritätsbasis (A fertility table based on parity). *Zeitschrift für Bevölkerungswissenschaft* 9(3): 363-376 (in German). Coauthor: G. Feichtinger.