

Academic Curriculum Vitae

PERSONAL DATA

NAME: Erich Striessnig [[ORCID](#)]
ADDRESS: Wittgenstein Centre for Demography and Global Human Capital
(IIASA, VID/ÖAW, University of Vienna), Vordere Zollamtsstraße 3,
1030, Vienna, Austria
PHONE: +43 1 51581 - 7712
EMAIL: erich.striessnig@univie.ac.at

WORK EXPERIENCE

Current | Professor of Demography and Sustainable Development,
-JUN 2020 | Deputy Head - *Department of Demography, University of Vienna*

| Principal Investigator:
- *Climate, Health, and Population (CHAP)* Project funded by the *Jubilee Fund of the City of Vienna for the Austrian Academy of Sciences*
- Joint UNFPA ESARO/University of Vienna project on linkages between SRHR and climate change adaptation

MAY 2020 | Research Scholar, *World Population Program,*
-JAN 2016 | *International Institute for Applied Systems Analysis (IIASA)*

MAY 2020 | Postdoctoral Researcher, *Vienna Institute of Demography (VID),*
-SEP 2015 | *Austrian Academy of Sciences (ÖAW)*

FEB 2018 | Guest Lecturer,
-OCT 2015 | *Vienna University of Economics and Business (WU)*

DEC 2017 | Fulbright Visiting Professor, *Climate & Global Dynamics,*
-AUG 2017 | *National Center for Atmospheric Research (NCAR)*

JAN 2016 | Research Assistant, *World Population Program, IIASA*
-JUN 2007 | Research Assistant, *Atmospheric Pollution and Economic Development*

AUG 2015 | Teaching and Research Associate, *Institute for Social Policy, WU*
-JAN 2011 | Research Assistant, *Institute for Human Capital and Development, WU*

Further Professional Experience

Research Stays

DEC 2019 | Max Planck Institute for Demographic Research, Rostock, Germany
JUN 2019 | University of Southern Denmark, Odense, Denmark
MAR 2019 | Universidad de Costa Rica, San Jose, Costa Rica
MAR 2019 | Universidad Autónoma del Estado de México, Toluca, Mexico
AUG-DEC 2017 | NCAR, Boulder, USA
JAN-MAR 2017 | NCAR, Boulder, USA

Community Service

2020	Vice-chair of the VID Staff Assembly
2018-2020	Editor VID Working Paper Series
REVIEWER	PNAS, PDR, Climatic Change, Population Studies, Demographic Research, Vienna Yearbook of Population Research, Journal of Population Research, Asian Population Association, Nature Sustainability, Regional Environmental Change, Ecology and Society, Earth's Future, Journal of Happiness Studies, Polish Academy of Sciences, Disaster Risk Management Knowledge Centre of the European Commission

EDUCATION

JUL 2015	Doctoral Degree in ECONOMICS (Dr. rer. soc. oec.) with distinction, Vienna University of Economics and Business, Austria
Thesis Title	“Three Effects of Education on Well-Being”
Supervisor	Prof. Wolfgang LUTZ
MAR 2010	Dual Master's Degree in ECONOMICS and PHILOSOPHY
OCT 2002-	University of Vienna, Austria
JUL 2006	Exchange Student
SEP 2005-	Carlos III University of Madrid, Spain

FULL LIST OF PEER-REVIEWED PUBLICATIONS

-
- [1] **Erich Striessnig** and Wolfgang Lutz. “Can Below-replacement Fertility be Desirable?” In: *Empirica* (Mar. 2013). ISSN: 0340-8744, 1573-6911. DOI: [10.1007/s10663-013-9213-3](https://doi.org/10.1007/s10663-013-9213-3). URL: <http://link.springer.com/10.1007/s10663-013-9213-3> (visited on 03/25/2013).
 - [2] **Erich Striessnig**, Wolfgang Lutz, and Anthony G. Patt. “Effects of Educational Attainment on Climate Risk Vulnerability”. In: *Ecology and Society* 18.1 (2013). DOI: [10.5751/ES-05252-180116](https://doi.org/10.5751/ES-05252-180116). URL: <http://www.ecologyandsociety.org/vol18/iss1/art16/>.
 - [3] Adelheid Pichler and **Erich Striessnig**. “Differential Vulnerability to Hurricanes in Cuba, Haiti, and the Dominican Republic: The Contribution of Education”. en. In: *Ecology and Society* 18.3 (2013). ISSN: 1708-3087. DOI: [10.5751/ES-05774-180331](https://doi.org/10.5751/ES-05774-180331). URL: <http://www.ecologyandsociety.org/vol18/iss3/art31/> (visited on 06/27/2016).
 - [4] Warren C. Sanderson, **Erich Striessnig**, Wolfgang Schoepp, and Markus Amann. “The Effects on Well-Being of Investing in Cleaner Air in India”. In: *Environmental Science & Technology* (Oct. 2013). ISSN: 0013-936X. DOI: [10.1021/es402867r](https://doi.org/10.1021/es402867r). URL: <http://pubs.acs.org/doi/abs/10.1021/es402867r> (visited on 11/06/2013).
 - [5] **Erich Striessnig** and Wolfgang Lutz. “How does education change the relationship between fertility and age-dependency under environmental constraints? A long-term simulation exercise”. English. In: *Demographic Research*. Special Collection 30 (2014), pp. 465–492. DOI: [10.4054/DemRes.2014.30.16](https://doi.org/10.4054/DemRes.2014.30.16). URL: <http://www.demographic-research.org/Volumes/Vol30/16/>.
 - [6] Wolfgang Lutz, Raya Muttarak, and **Erich Striessnig**^{*†}. “Universal education is key to enhanced climate adaptation”. en. In: *Science* 346.6213 (Nov. 2014), pp. 1061–1062. ISSN: 0036-8075, 1095-9203. DOI: [10.1126/science.1257975](https://doi.org/10.1126/science.1257975). URL: <http://www.sciencemag.org/content/346/6213/1061> (visited on 11/29/2014).
 - [7] Wolfgang Lutz and **Erich Striessnig**. “Demographic aspects of climate change mitigation and adaptation”. In: *Population Studies* 69.sup1 (Apr. 2015), S69–S76. ISSN: 0032-4728. DOI: [10.1080/00324728.2014.969929](https://doi.org/10.1080/00324728.2014.969929). URL: <http://dx.doi.org/10.1080/00324728.2014.969929> (visited on 04/27/2015).

* Corresponding author

† Authors are listed alphabetically

- [8] Isabella Buber-Ennser, Judith Kohlenberger, Bernhard Rengs, Zakarya Al Zalak, Anne Goujon, **Erich Striessnig**, Michaela Potančoková, Richard Gisser, Maria Rita Testa, and Wolfgang Lutz. “Human Capital, Values, and Attitudes of Persons Seeking Refuge in Austria in 2015”. en. In: *PLOS ONE* 11.9 (Sept. 2016). Ed. by Ignacio Correa-Velez, e0163481. ISSN: 1932-6203. DOI: [10.1371/journal.pone.0163481](https://doi.org/10.1371/journal.pone.0163481). URL: <http://dx.plos.org/10.1371/journal.pone.0163481> (visited on 09/27/2016).
- [9] **Erich Striessnig** and Elke Loichinger. “Future differential vulnerability to natural disasters by level of education”. de. In: *Vienna Yearbook of Population Research* 1 (2016), pp. 221–240. ISSN: 1728-4414, 1728-5305. DOI: [10.1553/populationyearbook2015s221](https://doi.org/10.1553/populationyearbook2015s221). URL: <http://hw.oeaw.ac.at?arp=0x00344f57> (visited on 09/21/2016).
- [10] **Erich Striessnig** and Wolfgang Lutz. “Demographic Strengthening of European Identity”. en. In: *Population and Development Review* 42.2 (June 2016), pp. 305–311. ISSN: 1728-4457. DOI: [10.1111/j.1728-4457.2016.00133.x](https://doi.org/10.1111/j.1728-4457.2016.00133.x). (Visited on 06/15/2016).
- [11] Anne Goujon, Samir KC, Markus Speringer, Bilal Barakat, Michaela Potančoková, Jakob Eder, **Erich Striessnig**, Ramon Bauer, and Wolfgang Lutz. “A harmonized dataset on global educational attainment between 1970 and 2060 – An analytical window into recent trends and future prospects in human capital development”. In: *Journal of Demographic Economics* 82.3 (Sept. 2016), pp. 315–363. ISSN: 2054-0892, 2054-0906. DOI: [10.1017/dem.2016.10](https://doi.org/10.1017/dem.2016.10). (Visited on 09/15/2016).
- [12] Emilio Zagheni, Raya Mutarak, and **Erich Striessnig**[†]. “Differential mortality patterns from hydro-meteorological disasters: Evidence from cause-of-death data by age and sex”. de. In: *Vienna Yearbook of Population Research* 1 (2016), pp. 47–70. ISSN: 1728-4414, 1728-5305. DOI: [10.1553/populationyearbook2015s47](https://doi.org/10.1553/populationyearbook2015s47). URL: <http://hw.oeaw.ac.at?arp=0x00344f49> (visited on 09/21/2016).
- [13] **Erich Striessnig**, Jing Gao, Brian O’Neill, and Leiwen Jiang. “Empirically-based spatial projections of U.S. population age structure consistent with the shared socioeconomic pathways”. en. In: *Environmental Research Letters* (Nov. 2019). ISSN: 1748-9326. DOI: [10.1088/1748-9326/ab4a3a](https://doi.org/10.1088/1748-9326/ab4a3a). URL: <http://iopscience.iop.org/10.1088/1748-9326/ab4a3a> (visited on 10/03/2019).
- [14] Wolfgang Lutz, Jesus Crespo Cuaresma, Endale Kebede[†], Alexia Prskawetz[†], Warren C. Sanderson[†], and **Erich Striessnig**[†]. “Education rather than age structure brings demographic dividend”. en. In: *Proceedings of the National Academy of Sciences* (June 2019), p. 201820362. ISSN: 0027-8424, 1091-6490. DOI: [10.1073/pnas.1820362116](https://doi.org/10.1073/pnas.1820362116). URL: <https://www.pnas.org/content/early/2019/06/07/1820362116> (visited on 06/11/2019).
- [15] **Erich Striessnig** and Jayanta Kumar Bora. “Under-Five Child Growth and Nutrition Status: Spatial Clustering of Indian Districts”. en. In: *Spatial Demography* (Mar. 2020). ISSN: 2164-7070. DOI: [10.1007/s40980-020-00058-3](https://doi.org/10.1007/s40980-020-00058-3). URL: <https://doi.org/10.1007/s40980-020-00058-3> (visited on 03/03/2020).
- [16] **Erich Striessnig**, Claudia Reiter, and Anna Dimitrova. “Global Improvements in Years of Good Life since 1950”. In: *Vienna Yearbook of Population Research* (2021). DOI: [10.1553/populationyearbook2021.res1.2](https://doi.org/10.1553/populationyearbook2021.res1.2).
- [17] Endale Kebede, **Erich Striessnig**, and Anne Goujon. “The relative importance of women’s education on fertility desires in sub-Saharan Africa: A multilevel analysis”. In: *Population Studies* 0.0 (Mar. 2021). Publisher: Routledge, pp. 1–20. ISSN: 0032-4728. DOI: [10.1080/00324728.2021.1892170](https://doi.org/10.1080/00324728.2021.1892170). URL: <https://www.tandfonline.com/doi/pdf/10.1080/00324728.2021.1892170> (visited on 03/16/2021).
- [18] Wolfgang Lutz, **Erich Striessnig**^{*}, Anna Dimitrova, Simone Ghislandi, Anastasia Lijadi, Claudia Reiter, Sonja Spitzer, and Dilek Yildiz. “Years of good life is a well-being indicator designed to serve research on sustainability”. en. In: *Proceedings of the National Academy of Sciences* 118.12 (Mar. 2021). Publisher: National Academy of Sciences Section: Social Sciences. ISSN: 0027-8424, 1091-6490. DOI: [10.1073/pnas.1907351118](https://doi.org/10.1073/pnas.1907351118). URL: <https://www.pnas.org/content/118/12/e1907351118> (visited on 03/16/2021).

^{*}Corresponding author

RESEARCH REPORTS

- [19] Samir KC, Wolfgang Lutz, Elke Loichinger, Raya Muttarak, and **Erich Striessnig**. *Reducing vulnerability in critical life course phases through enhancing human capital*. UNDP Human Development Report Office, Occasional Paper. New York, 2014. URL: <http://hdr.undp.org/en/content/reducing-vulnerability-critical-life-course-phases-enhancing-human-capital>.
- [20] **Erich Striessnig**, Wolfgang Lutz, Endale Kebede, and N. Gailey. *Facilitating the Demographic Transition, Enhancing the Demographic Dividend*. Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). Bonn, Germany, 2019.

WORKING PAPERS

- [21] Warren Sanderson and **Erich Striessnig**. *Demography, Education, and the Future of Total Factor Productivity Growth*. Interim Report IR-09-002. Laxenburg, Austria: International Institute for Applied Systems Analysis, 2009. URL: <http://www.iiasa.ac.at/Admin/PUB/Documents/IR-09-002.pdf> (visited on 10/25/2010).
- [22] **Erich Striessnig** and Wolfgang Lutz. *Optimal Fertility*. Interim Report IR-11-031. Laxenburg, Austria: Institution for Applied Systems Analysis, 2011.
- [23] **Erich Striessnig**. *Too Educated to be Happy?* English. Interim Report IR-15-015. Laxenburg, Austria: International Institute for Applied Systems Analysis (IIASA), 2015. URL: http://www.iiasa.ac.at/publication/more_IR-15-015.php.
- [24] **Erich Striessnig** and Wolfgang Lutz. *Demographic Metabolism at Work?* English. Working Paper IR-16-001. Laxenburg, Austria: International Institute for Applied Systems Analysis (IIASA), 2016. URL: <http://pure.iiasa.ac.at/12385/1/WP-16-001.pdf>.
- [25] Wolfgang Lutz, Anastasia A. Lijadi, **Erich Striessnig**, Anna Dimitrova, and Melissa Caldeira Brant de Souza Lima. *Years of Good Life (YoGL): A new indicator for assessing sustainable progress*. en. IIASA Working Paper WP-18-007. Laxenburg, Austria: International Institute for Applied Systems Analysis (IIASA), Aug. 2018. URL: <http://pure.iiasa.ac.at/id/eprint/15402/> (visited on 08/03/2018).
- [26] **Erich Striessnig** and Jayanta Kumar Bora. *Under-Five Child Growth and Nutrition Status: Spatial Clustering of Indian Districts. VID Working Paper 03/2019*. Tech. rep. 2019.

LIST OF SCIENTIFIC TALKS

FEB 2020	<i>Climate Change and Sustainable Development: Insights from Multi-Dimensional Demography</i> , Invited Lecture at the University of Vienna, Austria
NOV 2019	<i>Räumliche und zeitliche Dimensionen der Familienformen von Kindern in Europa</i> , Deutsch-Österreichisch-Schweizerisches Demographentreffen (DACH 2019), Vienna, Austria
OCT 2019	<i>Multi-Dimensional Demography and Climate Change Vulnerability</i> , UNU Summer Academy, Accra, Ghana
JUN 2019	<i>Under-5 Child Growth and Nutrition Status: Spatial Clustering of Indian Districts</i> , Invited Lecture at the University of Southern Denmark, Odense
APR 2019	<i>Spatial projections of age structured population in the US</i> , Population Association of America (PAA 2019), Austin, USA
MAR 2019	<i>Spatial projections of age structured population in the US</i> , Scenarios Forum 2019, University of Denver, USA
JAN 2019	<i>Sozialer Wandel durch den demographischen Metabolismus</i> , Invited Lecture at the University of Rostock, Germany
JUL 2018	<i>Spatial Projections of Age-Structured Populations</i> , APA 2018, Shanghai, China
JUL 2018	<i>Spatial Dimensions of Family Structure: Children's' Living Arrangements over Time and Space in Europe</i> , APA 2018, Shanghai, China
JUN 2018	<i>Spatial Projections of Age-Structured Populations</i> , EPC 2018, Brussels, Belgium
APR 2018	<i>Spatial Projections of Age-Structured Populations</i> , PAA 2018, Denver, USA
APR 2018	<i>Spatial Dimensions of Family Structure: Children's' Living Arrangements over Time and Space in Europe</i> , PAA 2018, Denver, USA
NOV 2017	<i>Social and Spatial Dimensions of Population Heterogeneity</i> , Invited Lecture at the University of Melbourne, Australia
APR 2017	<i>Intergenerational Transmission of Attitudes Toward Migration as a Potential Antagonist of the Demographic Metabolism</i> , Population Association of America Annual Meeting (PAA) 2017, Chicago, USA
MAR 2016	<i>Attitudes toward Homosexuality change through the Demographic Metabolism: An international comparison</i> , Annual meeting of the Population Association of America (PAA) 2016, Washington D.C., USA
JAN 2016	<i>Too educated to be happy?</i> , Alp-Pop Conference, Villars-sur-Ollon, Switzerland
SEP 2016	<i>Too educated to be happy? An investigation into the relationship between education and subjective well-being</i> , European Population Conference 2016, Mainz, Germany
SEP 2016	<i>Demographic metabolism at work</i> , European Population Conference 2016, Mainz, Germany
NOV 2016	<i>The Age, Period and Cohort Dimension of Attitudes toward Migration</i> , HUGO Conference, Liege, Belgium
JUL 2015	<i>Differential mortality patterns from hydro-meteorological disasters: Evidence from vital records of cause of death data by sex and age</i> , Asian Population Association (APA) 3rd International Conference, Kuala Lumpur, Malaysia
JUN 2014	<i>The impact of climate change on the demography of meteorological disaster mortality</i> , European Population Conference 2014, Budapest, Hungary
APR 2014	<i>Future Differential Vulnerability to Natural Disasters by Level of Education</i> , International Seminar of the IUSSP Scientific Panel: Demographic Differential Vulnerability to Natural Disasters in the Context of Climate Change Adaptation, Kao Lak, Thailand
OCT 2012	<i>Optimal Fertility - What level of fertility should societies aim for?</i> , Congreso ALAP, Montevideo, Uruguay
JUN 2012	<i>Effects of educational attainment on climate risk vulnerability</i> , European Population Conference 2012, Stockholm, Sweden
JUL 2011	<i>Optimal Fertility - What level of fertility should society's aim for?</i> , ESRC Seminar Series, Portsmouth, United Kingdom