

Academic Curriculum Vitae

PERSONAL DATA

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WORK EXPERIENCE

	Currently:
JUL 2025-	Senior Researcher in the <i>Population & Just Societies Program</i> , <i>International Institute for Applied Systems Analysis (IIASA)</i>
OCT 2024-	Deputy Head of the <i>Department of Demography (DoD)</i> , <i>University of Vienna</i>
MAR 2022-	Coordinator of Master's Program in "Global Demography"
JUN 2020-	Professor of Demography and Sustainable Development
	Formerly:
SEP 2024	Head of Department, <i>DoD</i>
OCT 2022-	
	Principal Investigator:
2024	Co-PI of the WWTF-funded FAMREG project on: <i>Family outcomes of assortative mating</i>
2022 -	Joint UNFPA ESARO/University of Vienna project on linkages
2021	between SRHR and climate change adaptation
2021	Joint Population Europe/University of Vienna project on <i>Green Families - Generational Justice in Climate Change</i>
2020	<i>Climate, Health, and Population (CHAP)</i> Project funded by the <i>Anniversary Fund of the City of Vienna for the OeAW</i>
	Previous Affiliations:
MAY 2020	Research Scholar, <i>World Population Program</i> , IIASA
-JAN 2016	
MAY 2020	Postdoctoral Researcher, <i>Vienna Institute of Demography (VID)</i> ,
-SEP 2015	<i>Austrian Academy of Sciences (ÖAW)</i>
FEB 2018	Guest Lecturer,
-OCT 2015	<i>Vienna University of Economics and Business (WU)</i>
DEC 2017	Fulbright Visiting Professor, <i>Climate & Global Dynamics</i> ,
-AUG 2017	<i>National Center for Atmospheric Research (NCAR)</i>
JAN 2016	Research Assistant, <i>World Population Program</i> , IIASA
-JUN 2007	Research Assistant, <i>Atmospheric Pollution and Economic Development</i>
AUG 2015	Teaching and Research Associate, <i>Institute for Social Policy</i> , WU
-JAN 2011	Research Assistant, <i>Institute for Human Capital and Development</i> , WU

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>.
- [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).
- [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).
- [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>.
- [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>.
- [7] Wolfgang Lutz and **Erich Striessnig**. “Demographic aspects of climate change mitigation and adaptation”. In: *Population Studies* 69.sup1 (2015), S69–S76. ISSN: 0032-4728. DOI: [10.1080/00324728.2014.969929](https://doi.org/10.1080/00324728.2014.969929).
- [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 (2016). Ed. by Ignacio Correa-Velez, e0163481. ISSN: 1932-6203. DOI: [10.1371/journal.pone.0163481](https://doi.org/10.1371/journal.pone.0163481).
- [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).
- [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).
- [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).
- [12] Emilio Zagheni, Raya Muttarak, 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).
- [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* (2019). ISSN: 1748-9326. DOI: [10.1088/1748-9326/ab4a3a](https://doi.org/10.1088/1748-9326/ab4a3a).

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- [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).
- [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).
- [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).
- [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).
- [19] Ingrid Setz, Roman Hoffmann, Anna-Theresa Renner, and **Erich Striessnig**. “Climate, Health and Population (CHAP)–Klimawandel und Vulnerabilitätsunterschiede in der Metropolregion Wien”. In: *Der öffentliche Sektor* 47.2 (2022).
- [20] **Erich Striessnig** and Alessandra Trimarchi. “How much time is left? International trends in parenthood expectancy”. In: *Demographic Research* 48 (2023), pp. 421–438.
- [21] Simon J. Lloyd, Marcos Quijal-Zamorano, Hicham Achebak, Shakoora Hajat, Raya Muttarak, **Erich Striessnig**, and Joan Ballester. “The Direct and Indirect Influences of Interrelated Regional-Level Sociodemographic Factors on Heat-Attributable Mortality in Europe: Insights for Adaptation Strategies”. en. In: *Environmental Health Perspectives* 131.8 (Aug. 2023), p. 087013. ISSN: 0091-6765, 1552-9924. DOI: [10.1289/EHP11766](https://doi.org/10.1289/EHP11766).
- [22] Roman Hoffmann, Liliana Andriano, **Erich Striessnig**, Tobias Rüttenauer, Marion Borderon, and Kathryn Grace. “Climate change and population: Demographic perspectives on the 21st century’s defining challenge”. de. In: *Vienna Yearbook of Population Research* 2024 (2024). ISBN: 9783700194767 Publisher: Verlag der Österreichischen Akademie der Wissenschaften. ISSN: 1728-5305, 1728-4414. DOI: [10.1553/p-nfjc-z82h](https://doi.org/10.1553/p-nfjc-z82h). URL: <https://www.austriaca.at?arp=0x003f76e7>.
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- [24] Simon J. Lloyd, **Erich Striessnig**^{*}, José Manuel Aburto, Hicham Achebak, Shakoora Hajat, Raya Muttarak, Marcos Quijal-zamorano, Constanza Vielma, and Joan Ballester. “The reciprocal relation between rising longevity and temperature-related mortality risk in older people, Spain 1980–2018”. In: *Environment International* 193 (Nov. 2024), p. 109050. ISSN: 0160-4120. DOI: [10.1016/j.envint.2024.109050](https://doi.org/10.1016/j.envint.2024.109050). URL: <https://www.sciencedirect.com/science/article/pii/S0160412024006366>.
- [25] Simon J. Lloyd, **Erich Striessnig**^{*}, Hicham Achebak, Shakoora Hajat, Raya Muttarak, Marcos Quijal-Zamorano, Silvia Rizzi, Constanza Vielma, and Joan Ballester. “Remeasuring the influence of ageing on heat-related mortality in Spain, 1980 to 2018”. In: *Environmental Research* 248 (2024), p. 118408. ISSN: 0013-9351. DOI: <https://doi.org/10.1016/j.envres.2024.118408>.
- [26] Aayushma KC, Mohammad Jalal Abbasi-Shavazi, Ilse Eigelaar-Meets, Anastasia Aldelina Lijadi, Claudia Reiter, **Erich Striessnig**, and Wolfgang Lutz. “Assessing sustainable wellbeing in Africa through “Years of Good Life””. In: *Environmental Development* 54

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- (2025), p. 101140. ISSN: 2211-4645. DOI: <https://doi.org/10.1016/j.envdev.2025.101140>.
- [27] Steffen Peters, **Erich Striessnig**^{*}, Alessandra Trimarchi, Maria Rita Testa, and Natalie Nitsche. “Too worried about the environment to have children? Or more worried about the environment after having children?” en. In: *Population and Environment* 47.3 (July 2025), p. 31. ISSN: 1573-7810. DOI: [10.1007/s11111-025-00501-x](https://doi.org/10.1007/s11111-025-00501-x).
- [28] Moradhvaj Dhakad, **Erich Striessnig**^{*}, Nandita Saikia, Samir K.C., and Wolfgang Lutz. “For reducing premature adult mortality in India, education matters more than income”. In: *Proceedings of the National Academy of Sciences* 123.6 (Feb. 2026), e2503809123. DOI: [10.1073/pnas.2503809123](https://doi.org/10.1073/pnas.2503809123). URL: <https://www.pnas.org/doi/10.1073/pnas.2503809123>.

BOOK CHAPTERS

- [29] Wolfgang Lutz, Stuart Basten, and **Erich Striessnig**. “The Future of Fertility: Future Trends in Family Size Among Low Fertility Populations”. In: *Whither the Child? Causes and Consequences of Low Fertility*. London: Paradigm Publishers, 2012, pp. 205–233.
- [30] Samir KC, Michaela Potančoková, Ramon Bauer, Anne Goujon, and **Erich Striessnig**. “Data and methods”. English. In: *World Population and Human Capital in the 21st Century*. Ed. by Wolfgang Lutz, William P Butz, and Samir KC. Oxford: Oxford University Press, 2014, pp. 434–518. URL: <http://ukcatalogue.oup.com/product/9780198703167.do>.
- [31] **Erich Striessnig** and Alexia Fuernkranz-Prskawetz. “Demographie und Gesellschaft”. German. In: *Umwelt und Gesellschaft*. Ed. by Verena Winiwarter. Vienna: Austrian Academy of Sciences, 2018, pp. 85–93. URL: https://www.oeaw.ac.at/fileadmin/kommissionen/kioes/pdf/Publications/Opinions/KIOES_Opinions_8.pdf.
- [32] Herbert Formayer, Christoph Matulla, and **Erich Striessnig**. “Veränderung der Gesundheitsdeterminanten”. German. In: *APCC Special Report Gesundheit, Demographie und Klimawandel*. Ed. by Willi Haas, Hanns Moshhammer, and Raya Muttarak. Vienna: Austrian Panel on Climate Change (APCC), 2018, pp. 25–100. URL: <http://sr18.ccca.ac.at/download/apcc-sr18-final-report-volltext-de-pre-print/>.
- [33] Samir KC, Wolfgang Lutz, Michaela Potančoková, Guy J Abel, Bilal Barakat, Jakob Eder, Anne Goujon, Sandra Jurasszovich, Tomas Sobotka, Markus Speringer, **Erich Striessnig**, Marcus Wurzer, Dilek Yildiz, Sam Hyun Yoo, and Krystof Zeman. “Approach, methods, and assumptions”. In: *Demographic and human capital scenarios for the 21st century: 2018 assessment for 201 countries*. Ed. by Wolfgang Lutz, Anne Goujon, Samir KC, Marcin Stonawski, and Nikolaos Stilianakis. European Union, 2018.
- [34] **Erich Striessnig**. “The Demographic Metabolism Model of Human Capital Formation”. English. In: *Human Capital and Economic Growth: The Impact of Health, Education and Demographic Change*. Ed. by Alberto Bucci, Klaus Prettnner, and Alexia Prskawetz. London, UK: Palgrave – MacMillan, 2019, pp. 139–165.
- [35] Alessandra Trimarchi and **Erich Striessnig**. “Changes in Parenthood Expectancy Over Time Under an Age-Perspective”. In: *Methodological and Applied Statistics and Demography IV*. Ed. by Alessio Pollice and Paolo Mariani. Cham: Springer Nature Switzerland, 2025, pp. 624–629. ISBN: 978-3-031-64447-4. DOI: [10.1007/978-3-031-64447-4_106](https://doi.org/10.1007/978-3-031-64447-4_106).

RESEARCH REPORTS

- [36] 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.
- [37] **Erich Striessnig**, Wolfgang Lutz, Endale Kebede, and Nick Gailey. *Facilitating the Demographic Transition, Enhancing the Demographic Dividend*. Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). Bonn, Germany, 2019.

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- [38] Andreas Edel, Susanne Hüb, Nadine Vera Mair, Tobias Riepl, **Erich Striessnig**, Mahalia Thomas, and Daniela Vono de Vilhena. *Green Family - Generational Fairness in Climate Change*. Population Europe. 2022.

WORKING PAPERS

- [39] 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>.
- [40] **Erich Striessnig** and Wolfgang Lutz. *Optimal Fertility*. Interim Report IR-11-031. Laxenburg, Austria: Institution for Applied Systems Analysis, 2011.
- [41] **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.
- [42] **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>.
- [43] 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).
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- [45] Steffen Peters, Erich Striessnig, Maria Rita Testa, Alessandra Trimarchi, and Natalie Nitsche. *Too worried about the environment to have children? Or more worried about the environment after having children? The reciprocal relationship between environmental concerns and fertility*. en. Tech. rep. WP-2023-023. Edition: 0. Rostock: Max Planck Institute for Demographic Research, May 2023, WP-2023-023. DOI: [10.4054/MPIDR-WP-2023-023](https://doi.org/10.4054/MPIDR-WP-2023-023).
- [46] Andrea Tamburini, Claudio Bosco, and **Erich Striessnig**. *A neural network architecture for disaggregating age-specific population projections to the sub-national level*. Tech. rep. International Institute for Applied Systems Analysis (IIASA), 2025.