

ANNA DIMITROVA

adimitrova@ucsd.edu | anna.k.dimitrova@gmail.com

linkedin: annakdimitrova | twitter: @annakdim

PROFILE

I am a postdoctoral scholar in the Department of Climate, Atmospheric Science, and Physical Oceanography at University of California, San Diego. I hold a PhD in Economic and Social Sciences from the Vienna University of Economics and Business. The focus of my research is on the impacts of climate change and variability on populations in low- and middle-income countries. I study health impacts, environmental migration, and the role of underlying socio-economic inequalities.

EXPERIENCE

Since October 2020

POST-DOC SCHOLAR

University of California, San Diego (UCSD),
San Diego (US)

Department of Climate, Atmospheric Science, and Physical Oceanography.
Quantifying the impacts of extreme weather events on maternal and child health in low- and middle-income countries.

January 2020 – September 2020

PRE-DOC FELLOW

Vienna Institute of Demography (VID),
Vienna (Austria)

Research group: *Migration, Education and Environment*

Conducting research on a range of environment-population topics with a focus on health inequalities and climate change adaptation strategies.

January 2018 – December 2019

PRE-DOC FELLOW

International Institute for Applied Systems
Analysis (IIASA), Laxenburg (Austria)

Research group: *World Population Program (POP)*.

Contributed to the development of new indicators for socioeconomic progress and human well-being as part of the project "*The demography of sustainable human wellbeing*", funded by ERC Advanced Grant of Prof. Wolfgang Lutz.

December 2016 – December 2017

PRE-DOC FELLOW

Wittgenstein Centre for Demography and
Global Human Capital, Vienna (Austria)

Research group: *Population, Environment and Sustainable Development*

Applied demographic approaches to study the effects of environmental change on populations in low- and middle-income countries, with a focus on health outcomes and environmental migration.

September 2014 – November 2016

RESEARCH FELLOW

WU Institute for Managing Sustainability,
Vienna (Austria)

Co-authored monitoring reports for the statistical office of the European Union (Eurostat) on the EU Sustainable Development Strategy, the Europe 2020 strategy and the Sustainable Development Goals (SDGs). Managed research projects and contributed to successful project proposals under Horizon 2020.

March 2014 – June 2014

INTERN

International Labour Organisation (ILO),
Geneva (Switzerland)

Assisted activities at the Office for Europe and Central Asia. Provided analytical input, drafted policy briefs and organised activities related to the Governing Body meeting and the 2014 International Labour Conference.

January 2013 – December 2013

RESEARCH ASSISTANT

Austrian Institute of Economic Research
(WIFO), Vienna (Austria)

Assisted research and organisational activities for an international project "*Welfare, Wealth and Work for Europe*", funded under EU 7th Framework Programme.

E D U C A T I O N

2016 – 2020	PHD ECONOMICS AND SOCIAL SCIENCES Vienna University of Economics and Business (Austria)	PhD committee: Prof. Wolfgang Lutz, Dr. Raya Muttarak and Prof. Mujaheed Shaikh. Thesis title: <i>“From drought to deluge: Impacts of rainfall variability on child undernutrition in Ethiopia and India”</i> .
2012 – 2016	M.SC. SOCIO-ECOLOGICAL ECONOMICS AND POLICY Vienna University of Economics and Business (Austria)	Graduated with Honours. Thesis title: <i>“Long-term demographic analysis of Bulgaria: analysis of past population trends and construction of population projections based on a multi-state cohort component model”</i> . Specialisation: Demography and Social Policy.
2008 – 2012	M.A. ECONOMICS University of Glasgow (United Kingdom)	Graduated with First Class Honours. Thesis title: <i>“Effect of post-enlargement migration in the European Union on the labour market performance of the UK population”</i> . Main modules: Macro- and Micro-Economics, Mathematics, Business.
2010 – 2011	ACADEMIC EXCHANGE University Carlos III of Madrid (Spain)	Academic exchange programme (Erasmus). Main modules: Economics and Statistics.

A D D I T I O N A L T R A I N I N G

- Microsimulation for multidimensional population projections workshop, International Institute for Applied Systems Analysis, Laxenburg (Austria): September 2019
- Health Impact Assessment for Environmental Epidemiologist, ISEE workshop, Utrecht (Netherlands): August 2019
- Bayesian Population Projections: Theory and Practice, PAA workshop, Denver (US): April 2018
- Regional Academy on the United Nations Research Program, Vienna (Austria): May 2017 – January 2018
- Summer School on Migration Studies, International Organization for Migration (IOM), Prague (Czech Republic): August 2017
- Summer school on Demography, Human Capital and Economic Growth, Asian Demographic Research Institute, Shanghai (China): June 2017

T E C H N I C A L S K I L L S

Software: R, STATA, Inkscape, Mendeley, Zotero, Microsoft Office™ (Word, Excel, Power Point).

R E S E A R C H V I S I T S

February – March 2020

University of California San Diego (UCSD) / Scripps Institution of Oceanography

Project: Impact of climate extremes and variability on child health in low- and middle-income countries, with Tarik Benmarhnia and Alexander Gershunov

V O L U N T A R Y E N G A G E M E N T

Regional Academy on the United Nations – programme coordinator (2019/2020) and student mentor (2018/2019).

L A N G U A G E S

English (*fluent*), German (*advanced*), Spanish (*beginner*), Bulgarian (*fluent*).

PEER-REVIEWED ARTICLES

Lutz, W., Striessnig, E., **Dimitrova**, A., Ghislandi, W., Lijadi, A., Reiter, C., Spitzer, S., Yildiz, D. (2021). Years of Good Life (YoGL) is a wellbeing indicator designed to serve research on sustainability. *Proceedings of the National Academy of Sciences (PNAS)* DOI: 10.1073/pnas.1907351

Dimitrova, A. (2021). Seasonal droughts and the risk of childhood undernutrition in Ethiopia. *World Development*, 141, 105417. <https://doi.org/10.1016/J.WORLDDEV.2021.105417>

Hoffmann, R., **Dimitrova**, A., Muttarak, R. et al. (2020). A meta-analysis of country-level studies on environmental change and migration. *Nature Climate Change*. <https://doi.org/10.1038/s41558-020-0898-6>.

Dimitrova, A., and Muttarak, R. (2020). After the Floods: Differential Impacts of Rainfall Anomalies on Child Stunting in India. *Global Environmental Change* 64 (September): 102130. <https://doi.org/10.1016/j.gloenvcha.2020.102130>.

Dimitrova A., Bora J.K. (2020). Monsoon weather and early childhood health in India. *PLoS One*.15(4), e0231479. <https://dx.plos.org/10.1371/journal.pone.0231479>.

Muttarak, R., & **Dimitrova**, A. (2019). Climate change and seasonal floods: potential long-term nutritional consequences for children in Kerala, India. *BMJ Global Health*, 4(2), e001215.

WORKING PAPERS

Dimitrova, A. (2020). Impacts of droughts on undernutrition among children aged under five in Ethiopia. IIASA Working Paper. Laxenburg: WP-20-012.

Lutz, W., Lijadi, A. A., Striessnig, E., **Dimitrova**, A., & Caldeira Brant de Souza Lima, M. (2018). Years of Good Life (YoGL): A new indicator for assessing sustainable progress (IIASA Working Paper No. WP-18-007). Laxenburg, Austria: International Institute for Applied Systems Analysis (IIASA).

Dimitrova, A., Hollan, K., Laster, D., Reinstaller, A., Schratzenstaller, M., Walterskirchen, E., Weiss, T. (2013). Literature review on fundamental concepts and definitions, objectives and policy goals as well as instruments relevant for socio-ecological transition. Vienna: WWWforEurope Working Papers series.

BOOK CHAPTERS AND MANUALS

Kotzeva, M., Popova, M., Massarelli, N., Steurer, A., **Dimitrova**, A., Hametner, M., Ruech, R. (2017). *Towards a harmonised methodology for statistical indicators. Part 2 - communicating through indicators*. Luxembourg: Publications Office of the European Union.

Eurostat (2017). *Towards a harmonised methodology for statistical indicators. Part 3 – Relevance of indicators for policy making*. Luxembourg: Publications Office of the European Union.

Hametner, M., Dimitrova, As., **Dimitrova**, An., Schindler, P., Ruech, R., De Rocchi, A., Rügge, B., Gschwend, E., Spescha, G., Prah, A., Knoblauch, D., Velten, E., Lukat, E., Abhold, K., McGlade, K., McFarland, K., Kaphengst, T., Stein U. (2016). *Sustainable development in the European Union — A statistical glance from the viewpoint of the UN Sustainable Development Goals*. Luxembourg: Publications Office of the European Union.

Hametner, M., Adelman, R., Ruech, R., **Dimitrova**, An., Dimitrova, As. (2016). *Figures for the future — Sustainable development in our everyday life — A guide for citizens*. Luxembourg: Publications Office of the European Union.

Bley, S. J., Hametner, M., Dimitrova, An., **Dimitrova**, As., De Rocchi, A., Gschwend, E., Steinemann, M., Prah, A., Umpfenbach, K. (2016). *Smarter, greener, more inclusive? Indicators to support the Europe 2020 strategy* (2016 edition). Luxembourg: Publications Office of the European Union.

Hametner, M., **Dimitrova**, An., Dimitrova, As., Pisano, U., Reutimann, J., Rügge, B., Zandonella, R., Graf, A., Gerstetter, C., Knoblauch, D., Umpfenbach, K. (2015). *Sustainable Development in the European Union, 2015 Monitoring report of the EU Sustainable Development Strategy*. Luxembourg: Publications Office of the European Union.

Hametner, M., **Dimitrova**, An., Dimitrova, As., Endl, A., Fliedner, J., Spescha, G., Kesy, C., Prah, A., Umpfenbach, K., Velten, E. (2015). *Smarter, greener, more inclusive? Indicators to support the Europe 2020 strategy* (2015 edition). Luxembourg: Publications Office of the European Union.

POLICY REPORTS

Dimitrova, As, **Dimitrova**, An., Hametner, M., Martinuzzi, A. (2015) *FP7 and the SDGs - How did research in the 7th EU framework programme address the Sustainable Development Goals (SDGs)*. Vienna: Institute for Managing Sustainability.

Dimitrova, As., **Dimitrova**, An., Hametner, M., Srebotnjak, T. (2014). *Blueprint for a Revised Europe 2020 strategy: preliminary study*. Brussels: European Union, Committee of the Regions.

Hametner, M., Endl, A., Martinuzzi, A., **Dimitrova**, An., Dimitrova, As. (2015). *Monitoring the FP7 contribution to the EU's SD objectives – facts & figures*. FP7-4-SD.eu Policy brief No 11.

WORK IN PROGRESS

Dimitrova, A., Benmarhnia, T., and Gershunov, A. "Strategies for reducing the burden of climate-sensitive diarrheal infections on young children".

Dimitrova, A., Mcelroy, S., Benmarhnia, T., Levy, M., and Gershunov, A. "Rainfall variability and risk of infectious diseases in young children: a global analysis".

Wiederkehr, C., Hermans K., Hoffman, R., **Dimitrova**, A. "Agricultural Livelihoods and Environmental Migration in Sub-Saharan Drylands: A Meta-Analytic Review".

Striessnig, E., Reiter, C. and **Dimitrova**, A. "Global Improvements in Years of Good Life since 1950".

Buathong, T., Chimmamee, M., **Dimitrova**, A. "Years of Good Life: An illustration of a new well-being indicator using data for Thailand".

P R E S E N T A T I O N S

INVITED PRESENTATIONS

"Climate change and child health". Lecture series "Climate-Knowledge Online", 26th January 2021

"Monsoon weather and early childhood health in India". Project workshop: Understanding the Short- and Long-Term Impacts of Climate Extremes (SLICE project), *online event, May 2020*

"Too much rain, too little rain". Project workshop: Understanding the Short- and Long-Term Impacts of Climate Extremes (SLICE project), *Rome, May 2019*

"Years of Good Life (YoGL): A wellbeing indicator designed to serve as sustainability criterion". Wittgenstein Centre Summer Workshop on Wellbeing and Health, *Vienna, August 2018*

"Impacts of climate variability on child health in Ethiopia". Wittgenstein Centre Internal Colloquium, *Vienna, January 2018*

CONFERENCE PRESENTATIONS

"Rainfall variability and risk of infectious diseases: A global analysis". Population Association of America (PAA) Annual Meeting, *online event, May 2021*

"Rainfall variability and risk of infectious diseases: A global analysis". British Society for Population Studies (BSPS) Annual Conference 2020, *online event, August 2020*

"No rain, no harvest, no food: Impacts of droughts on undernutrition among children aged under five in Ethiopia"; "Rainfall variability and risk of infectious diseases: A global analysis". International Society for Environmental Epidemiology (ISEE) 32nd Annual Conference, *online event, August 2020*

"Poverty perspectives and measurement approaches". Wittgenstein Centre Conference 'Demographic Aspects of Human Wellbeing', *Vienna, November 2019*

"Years of Good Life (YoGL): A wellbeing indicator designed to serve as sustainability criterion". British Society for Population Studies (BSPS) Annual Conference 2019, *Cardiff, September 2019*

"Monsoon weather and early childhood health in India". International Society for Environmental Epidemiology (ISEE) 31st Annual Conference, *Utrecht, August 2019*

"After the floods: Differential impacts of rainfall anomalies on childhood undernutrition in India". Population Association of America (PAA) Annual Meeting, *Austin, April 2019*

"Impacts of droughts on undernutrition among children aged under five in Ethiopia". European Population Conference (EPC), *Brussels, May 2018*

"Impacts of droughts on undernutrition among children aged under five in Ethiopia". Population Association of America (PAA) Annual Meeting, *Denver, April 2018*

"Journey of Hazard and Hope: Risks and Coping Strategies of Syrian Women Seeking Asylum in Austria". Regional Academy on the United Nations (RAUN) Annual Conference, *Vienna, January 2018*

"Prospects of population aging and shrinking in Bulgaria". IUSSP's International Population Conference (IPC), *Cape Town, October 2017*

"Too much rain, too little rain: Impacts of climate variability on child and adult health in Sub-Saharan Africa". British Society for Population Studies (BSPS) Annual Conference, *Liverpool, September 2017*

"Multi-state population projections of Bulgaria: 2010-2060". British Society for Population Studies (BSPS) Annual Conference, *Liverpool, September 2017*

"Multi-state Population Projections of Bulgaria: 2010-2060". 25th Annual Postgraduate Population Studies Conference (PopFest), *Stockholm, May 2017*