Camille Belmin

Education

2022 - Now	**Masters of Art "Art and Science" at the University of Applied Arts Vienna, Austria**
2018 - 2023	**PhD at Humboldt University Berlin (HU) and Potsdam Institute for Climate Impact Research (PIK), Germany** Faculty of Sociology (HU) and Future Lab "Social metabolism and Impacts" (PIK)
2016 - 2017	**Double degree with Université Paris-Saclay and AgroParisTech: Masters of Science "EDDEE (Economics of Sustainable Development, Environment and Energy)" in Paris, France. Obtained with distinction.** Specialty « Prospective Modeling »
2013 - 2016	**AgroParisTech: The French Leading Institute for Education and Research in Life sciences, Agronomy, Food and Environment, Paris, France** Specialty "Environmental management"
2011 - 2013	***Classe Préparatoire:* Intensive program preparing for the national competitive examinations for entry to the French *Grandes Ecoles* in Lycée Marcellin Berthelot, France.** Specialty Biology, Earth Sciences, Chemistry and Physics (BCPST)

Work experience

2024 - now	**Lecturer at the University of Vienna in the Masters program « Global Demography »**
2023 - now	**Researcher at the International Institute for Applied System Analysis (IIASA) in the Migration and Sustainable Development group (Laxenburg, Austria)**
2021 - now	**Freelance activity in the science, art and education sector** Data analysis, software development, organization of artistic events and workshops, participation in art exhibition, graphic design. Clients include SoGreen, Klasse für Alle, Flechtwerk.
2023 - 2024	**Lecturer at the University of Applied Arts Vienna at the Cross-Disciplinary Strategies department**

2021	**Young Scientist Summer Program at IIASA (Laxenburg, Austria)**
	Development of a Micro-Simulation Model of population projection for Zambia in R.
2018 - 2021	**Doctoral Scientist at PIK: Potsdam Institute for Climate Impact Research (Potsdam, Germany)**
2017	**Master thesis internship at PIK (Potsdam, Germany)**
	Investigation of the relation between access to modern energy and fertility in developing countries. Creation of the Micro-Simulation Model of population projection for Nigeria.
2016	**Internship at UNDP (United Nations Development Program) in Georgia, Caucasus**
	Implementation of voluntary ecosystem services and natural park management
2015	**Research internship at CIRAD (French Center for International cooperation in Agronomic and Development Research), Costa Rica**
	Creation of an agent-based model of a watershed and its socio-economic activities, Moderation of participatory modeling workshops
2015	**Research internship at Montana State University, USA**
	Data Analysis and spatial statistics in R to study tropical forest mortality

Languages

French (Native speaker), English (C2 / full professional proficiency), German (B1), Spanish (B2), Georgian (A1)

Computer skills

R (Advanced), R Shiny, Python, ArcGIS/QGIS, HTML (basis), Adobe Photoshop, Adobe Premiere

Peer-reviewed publications

Carr, R., Kotz, M., Pichler, P. P., Weisz, H., **Belmin, C.**, & Wenz, L. (2024). Climate change to exacerbate the burden of water collection on women's welfare globally. Nature Climate Change, 1-7.

Lammers, K., **Belmin, C.**, Soomauroo, Z., & Hoffmann, M. M. (2024). Empowering Women in a Climate-Changing World Through Climate-Resilient Energy Access. In Women and the Energy Sector: Gender Inequality and Sustainability in Production and Consumption (pp. 91-124). Cham: Springer International Publishing.

Belmin, C., *et al.* "LivWell: a sub-national Dataset on the Living Conditions of Women and their Well-being for 52 Countries". *Scientific Data* **9**, 719 (2022).

Belmin, C., et al. "Fertility transition powered by women's access to electricity and modern cooking fuels." *Nature Sustainability* 5.3 (2022): 245-253.

Hoffmann, R. et al. Decent living standards beyond reach for many despite ambitions to leave no one behind. (in revision)

Belmin, C. et al. Achieving universal energy access while reducing energy demand? Evidence from energy-specific population projections. (in revision)

Pillet, M., et al. "Disentangling competitive vs. climatic drivers of tropical forest mortality." *Journal of Ecology* 106.3 (2018): 1165-1179.

Data publications

Belmin, C., et al. "LivWell: a sub-national database on the Living conditions of Women and their Well-being for 52 countries". [Dataset]. *Zenodo*. (2022).

Belmin, C. Regional Harmonization of Demographic and Health Survey Data. (2019)
https://gitlab.pik-potsdam.de/belmin/dhs_region_harmonization

Other publications

Belmin, C. Household energy transition, fertility transition and women's empowerment: linkages and opportunities for sustainable development. *PhD Dissertation*. (2023). Humboldt Universität Berlin. 243 pages.

Belmin, C. Introducing the energy-fertility nexus in population projections: can universal access to modern energy lead to energy savings? *IIASA YSSP Report*. (2021). Laxenburg, Austria: IIASA
http://pure.iiasa.ac.at/id/eprint/17688/

Belmin, C. Can access to modern energy have an impact on fertility rates in the least developed countries? Investigating possible co-beneficial solutions for reducing environmental impacts and enhancing well-being. (2017). *Master Thesis*. 70 pages.

Awards

2022: Honorable mention to the Peccei Prize of the Young Scientist Summer Program (2021 cohort).

Vienna, 05.10.2024,

Camille Belmin