

Camille Belmin

Birth: 19/06/1993 in Paris
(French citizenship)
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Education

- 2022 - Now* **Masters of Fine Arts “Art and Science” at the University of Applied Arts Vienna, Austria**
- 2018 - Now* **PhD at Humboldt University of 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. Obtained with distinction «Very Good»**
Specialty Biology, Earth Sciences, Chemistry and Physics (BCPST)

Work experience

- 2021 - now* **Chief Technology Officer at SoGreen (Remotely)**
Data analysis, development and maintenance of a model to estimate carbon savings from enhancing female education in Zambia.
- 2021* **Young Scientist Summer Program at the International Institute for Applied System Analysis (Laxenbourg, 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

Artistic experience

- 2023 **Curation and participation in the art exhibition *Licking Structures* at Künstlerhaus, Vienna, Austria.**
- 2023 **Curation and participation in the art exhibition *Plastic Birth* at Molt Gallery, Berlin, Germany.**
- 2019 **Curation of the photography exhibition *Ein Jahr* by Jose Jimenez, Berlin, Germany.**
- 2017 **Curation and participation in the art exhibition *Matter and society* at ENGREF, Paris, France.**

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), Photoshop

Peer-reviewed publications

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.

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

Lammers, et al. "Empowering women in a climate-changing world through climate resilient energy access" (in press)

Other 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. *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. *Regional Harmonization of Demographic and Health Survey Data*. Dataset. (2019) https://gitlab.pik-potsdam.de/belmin/dhs_region_harmonization

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*. Master Thesis. (2017) 70 pages.

Awards

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