

Leila Niamir

Position/Department/Division/Institution/Organization

Research Scholar / Energy, Climate, and Environment Program /International Institute for Applied Systems Analysis (IIASA)

Country

Austria

Career history

Dr. Leila Niamir is a research scholar jointly associated with the Sustainable Service Systems and Transformative Institutional and Social Solutions research groups of the IIASA Energy, Climate, and Environment Program. She also served as a lead author and chapter scientist in Working Group III (mitigation of climate change) of the Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC).

Leila received her doctoral degree on [behavioral climate change mitigation](#) from the University of Twente in The Netherlands in 2019 and worked as a postdoctoral researcher at MCC Berlin, Germany from 2019 to 2022.

Awards/Publications

Elect-member of the [Global Young Academy](#)

Elect-member of [Young Academy for Sustainability Research](#)

Elect-member of the Postdoc Academy for Transformational Leadership founded by the Robert Bosch Stiftung

Young Scientists Award. Netherlands Organization for Scientific Research (NWO)

Selected Publications

- Creutzig, F., **Niamir, L.**, Bai, X. et al (2022). *Demand-side solutions to climate change mitigation consistent with high levels of well-being*. Nature Climate Change. 12, 36–46.
<https://doi.org/10.1038/s41558-021-01219-y>
- **Niamir, L.**, O. Ivanova, T. Filatova, A. Voinov, (2020). *Economy-wide impacts of behavioural climate change mitigation: linking agent-based and computable general equilibrium models*. Environmental Modelling & Software, 134, 104839. <https://doi.org/10.1016/j.envsoft.2020.104839>
- **Niamir, L.**, G. Kiesewetter, W. Schöpp, F. Wagner, T. Filatova, A. Voinov, H. Bressers (2020). *Assessing the macroeconomic impacts of individual behavioral change on carbon emissions*. Climatic Change 158, 141–160. <https://doi.org/10.1007/s10584-019-02566-8>
- **Niamir, L.**, O. Ivanova, T. Filatova, A. Voinov, (2020). *Demand-side solutions for climate mitigation:*

Bottom-up drivers of household energy behaviour change in the Netherlands and Spain. Energy Research & Social Science 62, 101356. <https://doi.org/10.1016/j.erss.2019.101356>

- **Niamir, L.**, T. Filatova, A. Voinov, H. Bressers (2018). *Transition to Low-carbon Economy: Assessing Cumulative Impacts of Individual Behavioral Changes*. Energy Policy 118, 325-345. <https://doi.org/10.1016/j.enpol.2018.03.045>

Areas of expertise

Leila is a computational economist working on energy and climate change mitigation. Her research focus is on the science-policy-society interface, energy demand, agent-based modeling, behavioral and lifestyle changes, the Sustainable Development Goals (SDGs), and wellbeing.