
Marina Andrijevic

International Insitute for Applied
Systems Analysis (IIASA)
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Education

Humboldt University in Berlin

Dr. rer. nat., 2018 - 2021

Dissertation title: Pathways of adaptive capacity for
climate impact reserach

International Institute for Applied Systems Analysis (IIASA)

Young Scientists Summer Program (ECE group), 2020

University of Southern Denmark in Odense

European Doctoral School of Demography, 2017-2018

Vienna University of Economics and Business (WU)

M.Sc., Socio-Ecological Economics and Policy, 2016

University of Sarajevo

B.A., Financial Management, 2014

Relevant work experience

International Institute for Applied Systems Analysis (IIASA)

Energy, Climate and Environment (ECE) group

Research Scholar, Aug 2021 - present

Climate Analytics, Berlin

Research Analyst, Jan 2019 - Dec 2020

Wittgenstein Centre for Demography and Global

Human Capital, Vienna University of Economics and Business

Research Assistant, Nov 2016 - Nov 2017

Research Assistant, Apr - May 2016

Research interests

Sustainable development pathways

Socio-political scenarios

Gender and climate nexus

Socio-economic adaptive capacity to climate change

Energy transition in developing countries

Peer review

Nature Climate Change; Sustainability; Population studies;

Environmental Research Letters; Mitigation and Adaptation Strategies for
Global Change

Editorial work

Guest editor for the Special Issue on Exploring Climate Policy Ambition,

Politics and Governance journal (2022)
Guest editor for the Special Issue on Education and Sustainable Development,
Sustainability journal (2020)

Languages Bosnian/Croatian/Serbian (native), English (C2), German (B2)

Computer skills R (Advanced), Stata (Intermediate), Python (Basic), L^AT_EX(Intermediate)

Publications

1. Elina Brutschin and **Marina Andrijevic**. Why ambitious and just climate mitigation needs political science. *Politics and Governance*, 2022
2. Nicole Van Maanen, **Marina Andrijevic**, Quentin Lejeune, Lorenzo Rosa, and Carl-Friedrich Schleussner. Scenarios of sustainable irrigation expansion in the 21st century. *Environmental Research Letters*, 2021
3. Fleur Wouterse, **Marina Andrijevic**, and Michiel Schaeffer. The microeconomics of adaptation: evidence from smallholders in Ethiopia and Niger. *World Development*, 2021
4. Max W. Callaghan, Jan Minx, Carl-Friedrich Schleussner, Gerrit Hansen, Quentin Lejeune, Shruti Nath, Emily Theokritoff, **Marina Andrijevic**, ..., and Burcu Yesil. Machine learning-based evidence and attribution mapping of 100,000 climate impact studies. *Nature Climate Change*, 2021
5. Wim Thiery, Stefan Lange, Joeri Rogelj, Carl-Friedrich Schleussner, Lukas Gudmundsson, Sonia I. Seneviratne, **Marina Andrijevic**, ..., and Yoshihide Wada. Intergenerational inequities in exposure to climate extremes. *Science*, 2021
6. **Marina Andrijevic**, Edward Byers, Alessio Mastrucci, Jeroen Smits, and Sabine Fuss. Future cooling gap in Shared Socioeconomic Pathways. *Environmental Research Letters*, 2021
7. Carl-Friedrich Schleussner, Peter Pfliegerer, **Marina Andrijevic**, Martha M Vogel, Friederike E.L. Otto, and Sonia Isabelle Seneviratne. Pathways of climate resilience over the 21st century. *Environmental Research Letters*, 2021
8. **Marina Andrijevic**, Jesus Crespo Cuaresma, Raya Muttarak, and Carl-Friedrich Schleussner. Governance in socioeconomic pathways and its role for future adaptive capacity. *Nature Sustainability*, 2020
9. **Marina Andrijevic**, Carl-Friedrich Schleussner, Matthew J Gidden, David L McCollum, and Joeri Rogelj. COVID-19 recovery funds dwarf clean energy investment needs. *Science*, 2020
10. **Marina Andrijevic**, Jesus Crespo Cuaresma, Tabea Lissner, Adelle Thomas, and Carl-Friedrich Schleussner. Overcoming gender inequality for climate resilient development. *Nature Communications*, 2020
11. Andreas Geiges, Paola Yanguas Parra, **Marina Andrijevic**, William Hare, Alexander Nauels, Peter Pfliegerer, Michiel Schaeffer, and Carl-Friedrich Schleussner. Incremental improvements of 2030 targets insufficient to achieve the Paris Agreement goals. *Earth System Dynamics Discussions*, 2019