

EGU24-16105, updated on 19 May 2024 https://doi.org/10.5194/egusphere-egu24-16105 EGU General Assembly 2024 © Author(s) 2024. This work is distributed under the Creative Commons Attribution 4.0 License.



Increasing climate change changes household medical expenditures

Dianyu Zhu¹, Miaomiao Liu¹, Ruoqi Li^{1,2}, Yuli Shan², Haofan Zhang¹, Jun Bi¹, and Klaus Hubacek³ State Key Laboratory of Pollution Control and Resource Reuse, School of the Environment, Nanjing University, People's Republic of China

²School of Geography, Earth and Environmental Sciences, University of Birmingham, U.K.

Climate change is exacerbating global disease risks, which will change household medical expenditures. Employing machine learning techniques and fine-scale bank transaction data, this study explores the changing household medical expenditures in 290 Chinese cities under four SSP scenarios (SSP1-2.6\(\text{\text{\text{GSP2-4.5}\(\text{

³Integrated Research on Energy, Environment and Society (IREES), Energy and Sustainability Research Institute Groningen (ESRIG), University of Groningen, The Netherlands