Supplementary Material

Effects of spring dust aerosols on direct radiative forcing in China from 2000 to 2020

Feng Wang[1,2,3,†], Minghui Qi[1,3†], Shuxin Ren[1,3], Mengjie Zhu[1,3], Qianlong Xing[1,3], Mengqiang Wang[1,3], Hongquan Song[1,3,4], Qianfeng Wang[5], Pengfei Liu[2,3*]

[1] Key Laboratory of Geospatial Technology for the Middle and Lower Yellow River Regions (Henan University), Ministry of Education, Kaifeng, 475004, China; 104752190099@henu.edu.cn (F.W.); 104753220150@henu.edu.cn (M.Q.); sx@henu.edu.cn (S.R.); 104753220222@henu.edu.cn (M.Z); 104753220170@henu.edu.cn (Q.X.); mqwang@henu.edu.cn (M.W.); hqsong@henu.edu.cn (H.S.)
[2] Key Research Institute of Yellow River Civilization and Sustainable Development & Collaborative Innovation Center on Yellow River Civilization of Henan Province, Henan University, Kaifeng, 475004, China; lpf@henu.edu.cn (P.L.)
[3] Institute of Urban Big Data, College of Geography and Environmental Science, Henan University, Kaifeng, 475004, China;
[4] Henan Key Laboratory of Integrated Air Pollution Control and Ecological Security, Henan University, Kaifeng, 475004, Henan, China
[5] College of Environment & Safety Engineering, Fuzhou University, Fuzhou 350116, China; wangqianfeng@fzu.edu.cn
* Correspondence: lpf@henu.edu.cn (P.L.)
† These authors contributed equally to this work.

List of Figures

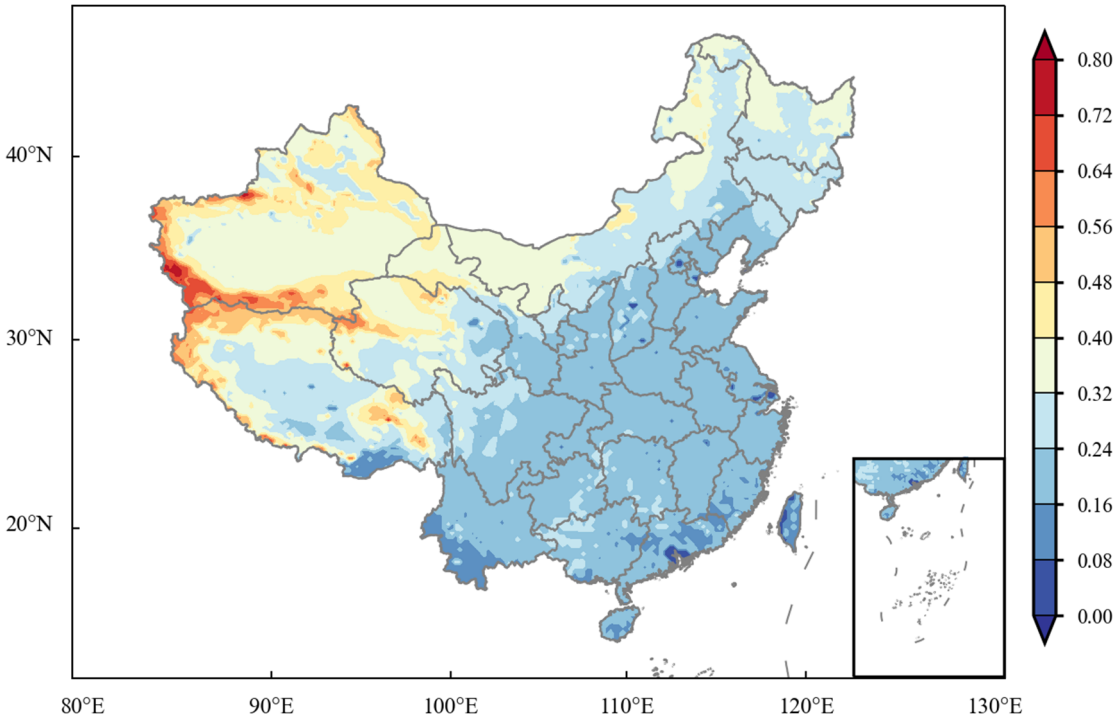


Figure S1. Spatial distributions of surface albedo of China during 2000–2020.

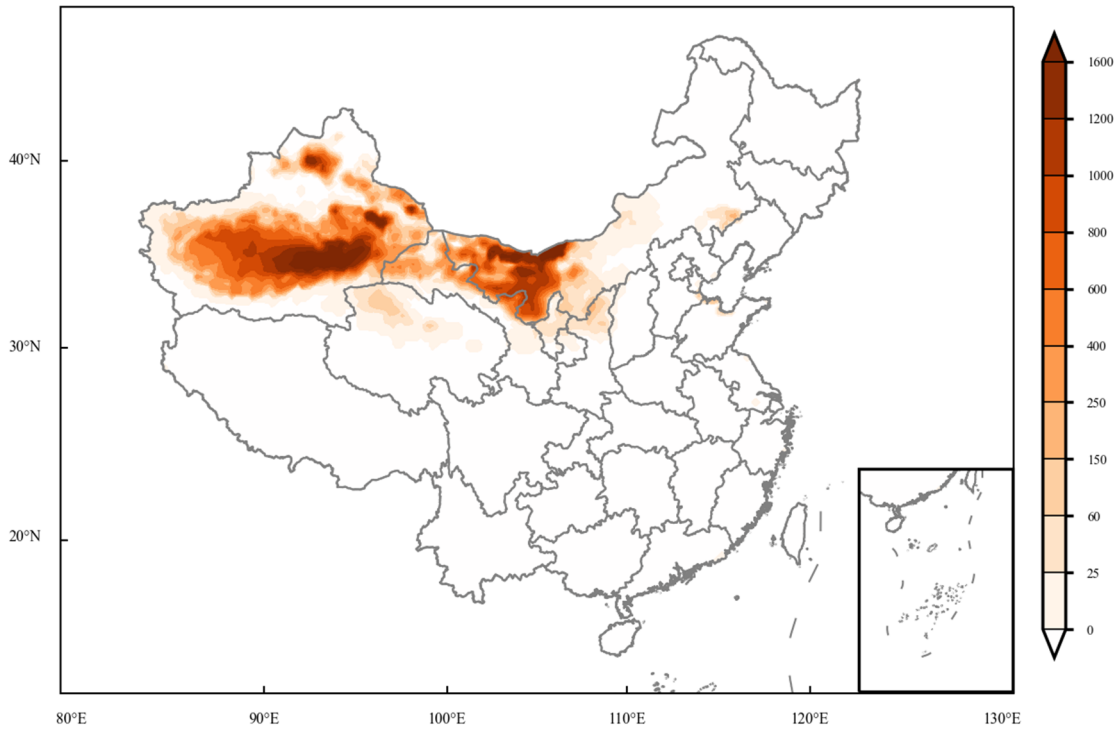


Figure S2. Spatial distributions of annual mean dust concentrations (μg kg^{-1}-dry air) of China during 2000−2020.