



Shaoqing Dai

Graduate Student of Institute of Urban Environment, Chinese Academy of Sciences

Institute of Urban Environment, Chinese Academy of Sciences



Biography

Shaoqing Dai is a graduate student at the Institute of Urban Environment, Chinese Academy of Sciences. He received his B.S. degree from the School of Environmental Science and Engineering, Tsinghua University, China, in 2018. He is currently working on the topic of urban air pollution and its health effects. He has published several papers in the field of environmental science and engineering. He is also a member of the Chinese Academy of Sciences.

Interests

- Urban air pollution
- Health effects of air pollution
- Environmental science and engineering
- Public health
- Environmental policy

Education



B.S. degree from the School of Environmental Science and Engineering, Tsinghua University, China, in 2018.



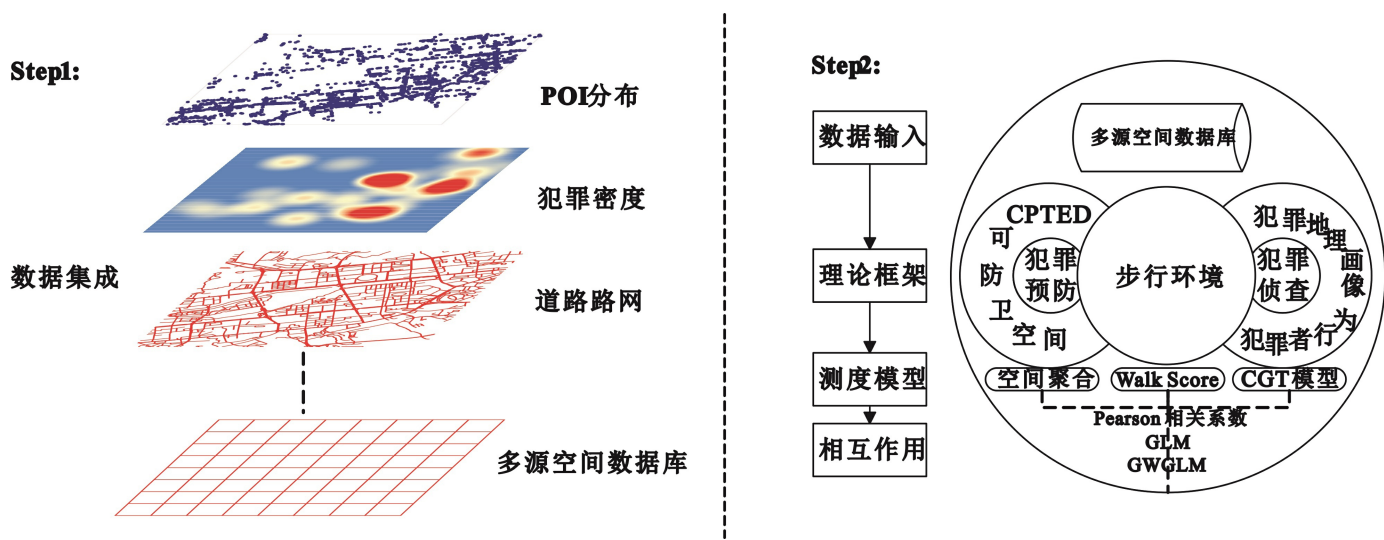
Graduate student at the Institute of Urban Environment, Chinese Academy of Sciences, since 2018.

Recent News

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- Feb. 1, 2019
- Jan. 12, 2019
- Nov. 20, 2018
- Nov. 15, 2018
- Oct. 28, 2018
- Oct. 24, 2018

Selected Publications



Influence of Walking Environment on Robbery, Snatch and

Theft Crime in Urban Area, H City, China(Chinese)

[illegible]

Shaoqing Dai 邵清戴

科学出版社
Scientia Geographica Sinica



Recent Publications

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Shaoqing Dai
Atmosphere



Shaoqing Dai

Remote Sensing



Shaoqing Dai
International Journal of Environmental Research and Public Health

[illegible]

Shaoqing Dai

Recent & Upcoming Talks

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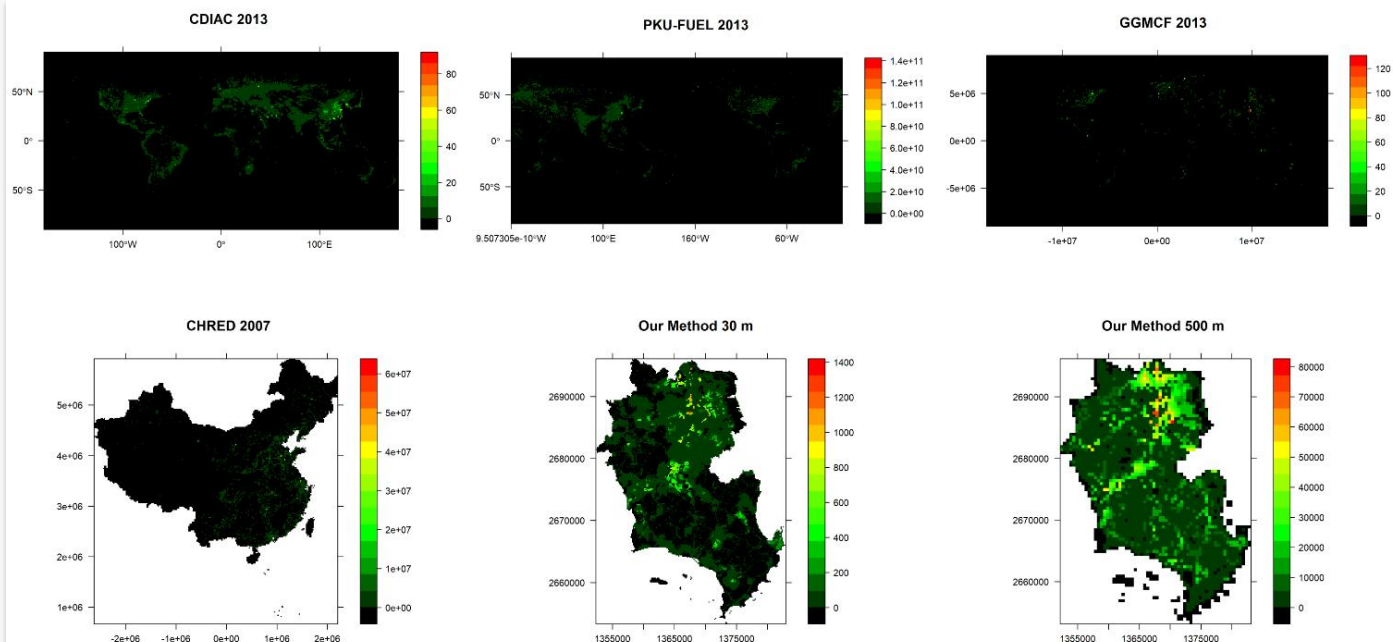
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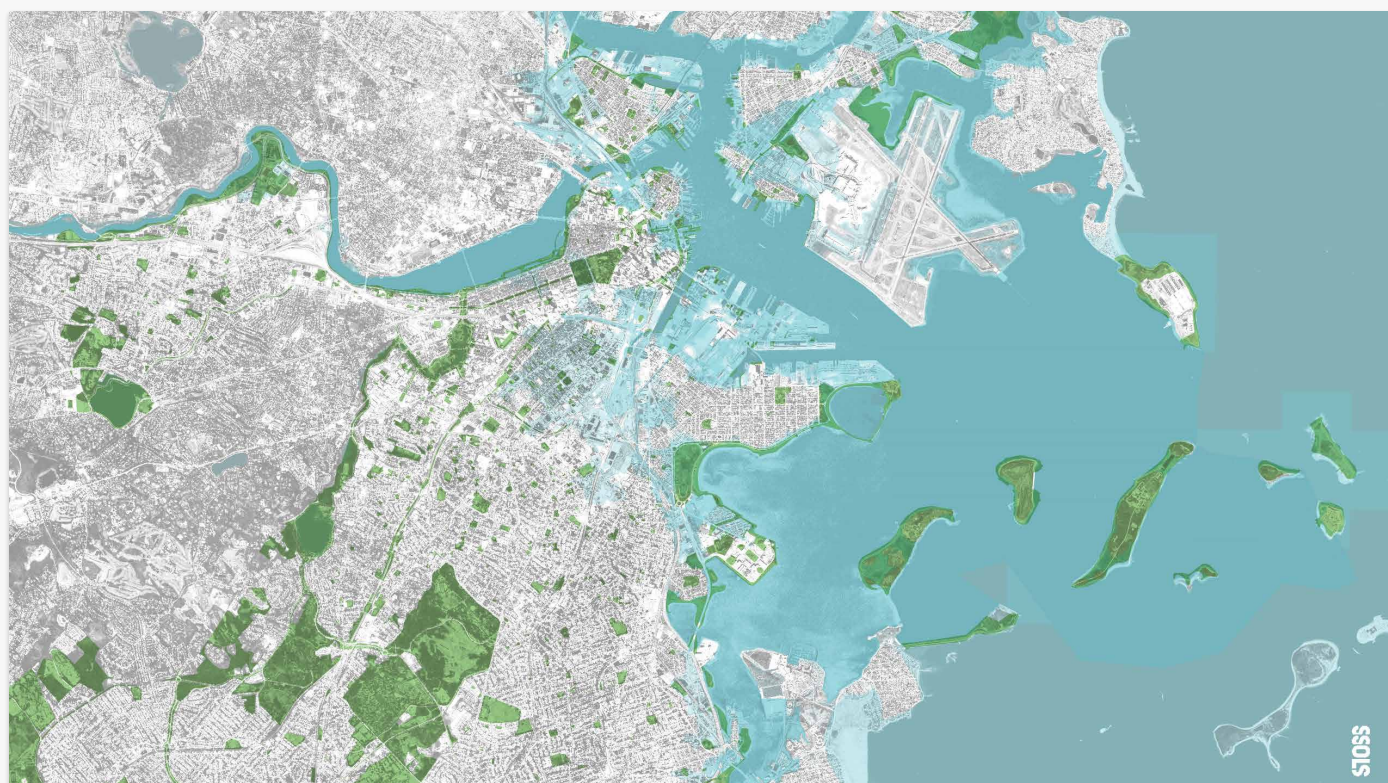
Projects

Project	Project	Project	Project	Project
Project	Project	Project	Project	Project



THE CARBON CYCLE AT THE URBAN SCALE BASED ON INTEGRATING ECOLOGICAL PROCESS MODEL AND INVENTORY EMISSION ACCOUNT

Abstract: This study presents a novel approach to quantifying the carbon cycle at the urban scale by integrating an ecological process model with an inventory emission account. The model simulates the carbon fluxes between the atmosphere, land, and water bodies, while the inventory account provides a detailed record of carbon emissions and sinks. The results show that the integrated model can accurately estimate the carbon cycle at the urban scale, providing valuable insights into the carbon footprint of urban areas and the potential for carbon sequestration through land use change and urban planning.



THE ENVIRONMENTAL EFFECTS OF URBAN BLUE AND GREEN SPACE

Abstract: This study examines the environmental effects of urban blue and green space on the urban climate, air quality, and biodiversity. The results show that urban blue and green space can significantly reduce the urban heat island effect, improve air quality, and increase biodiversity. The study also identifies the factors that influence the environmental effects of urban blue and green space, such as the size, shape, and connectivity of the spaces. The findings provide valuable insights into the potential of urban blue and green space to improve the urban environment and the well-being of urban residents.

Awards & Honors

Year	Award & Honors
2018	The Scientific and Technological Innovation Award of Outstanding Graduate Students 2018年中国科协青少年科技竞赛一等奖
2018	National Scholarship for M.Sc. 2018年中国科协青少年科技竞赛一等奖
2018	The National 3rd Prize 2018年中国科协青少年科技竞赛一等奖
2018	“Applied Energy” 2018 Summer School Certification 2018年中国科协青少年科技竞赛一等奖
2018	Merit Students in the academic year 2017-2018 2018年中国科协青少年科技竞赛一等奖
2018	The 2nd Grade Scholarship 2018年中国科协青少年科技竞赛一等奖
2018	The 1st Scholarship 2018年中国科协青少年科技竞赛一等奖
2018	The National Winning Award 2018年中国科协青少年科技竞赛一等奖
2018	Excellent Volunteer 2018年中国科协青少年科技竞赛一等奖
2018	Merit Students in the academic year 2016-2017 2018年中国科协青少年科技竞赛一等奖
2018	The National Winning Award 2018年中国科协青少年科技竞赛一等奖
2018	Innovation Scholarships in the academic year 2014-2015 2018年中国科协青少年科技竞赛一等奖
2018	The National 3rd Prize 2018年中国科协青少年科技竞赛一等奖
2018	Scientific and Technological Innovation award and Nomination 2018年中国科协青少年科技竞赛一等奖
2018	School Wining Award 2018年中国科协青少年科技竞赛一等奖
2018	Innovation Scholarships in the academic year 2013-2014 2018年中国科协青少年科技竞赛一等奖
2018	The National 3rd Prize 2018年中国科协青少年科技竞赛一等奖
2018	Excellent League Cadres in the academic year 2013-2014 2018年中国科协青少年科技竞赛一等奖
2018	Excellent League Leader in the academic year 2013-2014 2018年中国科协青少年科技竞赛一等奖
2018	Excellent League Leader in the academic year 2012-2013 2018年中国科协青少年科技竞赛一等奖

Tags



Contact



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