

ZHEYI LIU

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SYSU-Alberta Joint Lab for Biodiversity Conservation,
School of Life Sciences, Sun Yat-sen University, Guangzhou, China, 510275

EDUCATION

Sun Yat-sen University	Guangzhou, China
PhD, Ecology, Supervisor: Prof. Fangliang He, Prof. Chengjin Chu	Expected June 2021
Sun Yat-sen University	Guangzhou, China
BA, Major: Biology, Minor: Sociology	June 2016

FELLOWSHIPS AND AWARDS

SYSU for Excellent Graduates Grant, Sun Yat-sen University	2017-18, 2016-17
First Class Graduate Fellowship, Sun Yat-sen University	2017-18, 2016-17
Second Class Outstanding Students Fellowship, Sun Yat-sen University	2015-16
Third Class Outstanding Students Fellowship, Sun Yat-sen University	2014-15, 2013-14
Third Class prize in Amway Green Dream Works Venture Competition, Guangdong	2013
Environmental Protection Publicity and Education Center	

RESEARCH INTERESTS

- Urban Scaling, Urban Expansion, Transportation Networks
 - Community Ecology, Biodiversity and Conservation, Ecological Networks
 - Complexity
- research interests 详情有待添加

PUBLICATIONS AND PRESENTATIONS

Zheyi Liu, Fangliang He. Scaling in Chinese Cities. Article manuscript in progress, to be submitted for publication in summer/fall 2019 文章题目有待商榷

A simulation of food webs based on bio-energy model, Introduction to Network Analysis in Life Sciences Workshop, Transmitting Science (Barcelona, Spain), September 2017

Quantifying Networks Complexity, SYSU Ecology and Evolution Seminar Series, Sun Yat-sen University, September 2016

PROFESSIONAL DEVELOPMENT

ECNU Advances and Frontiers of Biodiversity Research Methods Summer School	Prof. Fangling He, Prof. Jian Zhang and Prof. Guochun Shen, East China Normal University (Shanghai, China)	2018
Introduction to Network Analysis in Life Sciences Workshop	Dr. Diego Rasskin-Gutman and Dr. Borja Esteve-Altava, Transmitting Science (Barcelona, Spain)	2017
CLS Systems Biology/Computational Biology Summer School	Prof. Chao Tang et.al., PKU-THU Center for Life Sciences (Beijing, China)	2015
Core courses:		
<i>Data analysis and R language</i>	Prof. Xubing Liu and Prof. Chengjin Chu	2018
<i>Community Ecology</i>	Prof. Fangliang He et.al.	2017
<i>Population genetics</i>	Prof. Chung-I Wu	2017
<i>Advanced Statistics in Biology</i>	Prof. Fangling He	2016
<i>Numerical ecology</i>	Prof. Pierre Legendre	2016
<i>Computational Sociology</i>	Prof. Yucheng Liang	2015

SKILLS

- ♦ Advanced statistical modeling and data analysis (R and Python, e.g. GLM, PCA, K-means clustering, variance analysis)
- ♦ Network analysis (R, e.g. igraph, bipartite), Agent-based Modeling (R, Netlogo)
- ♦ Drum

SERVICE AND AFFILIATIONS

Volunteer of the 5 th SYSU Ecology and Evolution Summer School, Sun Yat-sen University	July 2018
Organizer of SYSU Ecology and Evolution Seminar Series, Sun Yat-sen University	2017-present
Translator of the 7 th and 10 th chapter of <i>Individual-based Modeling and Ecology (Chinese version)</i> , ed. Chengjin Chu et.al. (Higher Education Press), forthcoming	2017
Field investigator in the 2 nd forest plot census (HSD, Zhaoqing, China)	September 2019
President of SYSU South Campus Environmental Protection Association	2013-14

TEACHING EXPERIENCE

Teaching Assistant, <i>Academic Writing</i> , Sun Yat-sen University	Spring 2016
Teaching Assistant, <i>Behavioral Ecology</i> , Sun Yat-sen University	Spring 2017
Teaching Assistant, <i>Biodiversity and Conservation</i> , Sun Yat-sen University	Spring 2018

REFERENCES

Fangliang He	Chengjin Chu	Suqin Fang
Canada Research Chair in	Professor	Associate Professor
Biodiversity & Landscape Modeling	School of Life Science	School of Life Science
Department of Renewable Resources	Sun Yat-sen University	Sun Yat-sen University
University of Alberta	Guangzhou, China	Guangzhou, China
Edmonton, Canada	chuchjin@mail.sysu.edu.cn	fangsuq5@mail.sysu.edu.cn
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