Chunyun Tang

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Address: No.377, Jingang Avenue, Nansha District, Guangzhou, 511400, China

RESEARCH INTERESTS

Interactions between climate change and land-use; Ecosystem services and biodiversity conservation;

Sustainable agriculture and food security; Agroecosystem monitoring and modeling;

Coupled human and natural systems

EDUCATION

South China University of Technology   *Guangzhou, China*

Master of Management in Land Resource Management   09/2018 - 06/2021

Average Score: 88.77/100   (GPA: 3.81/4.00, *WES*)

Major Courses: Land Economics, Institutional Economy and Land System, Urban Planning and Management

Inner Mongolia University   *Hohhot, China*

Bachelor of Management in Land Resource Management   09/2014 - 06/2018

Average Score: 82.19/100   (GPA: 3.18/4.00, *WES*)

Major Courses: Geographic Information System, Land Administration, Land Use Planning, Economic Geography

PUBLICATIONS

- Spatiotemporal Changes and Coupled Coordination Characteristics of Agroecosystem Resilience in the Pearl River Basin, China: Based on a Structure-Function Framework. (*Manuscripts in progress*)
- Zang J M, **Tang C Y**, Wang Q X, Li K, Li L F, 2021. Research on Spatial Imbalance and Influencing Factors of Cultivated Land Use Efficiency in Guangdong Province Based on Super-SBM Model, *China Land Science*, 35(10):64-74. [Link]
- **Tang C Y**, Zang J M, 2021. Multi-functional Evaluation of Cultivated Land and An Analysis of the Temporal and Spatial Evolution of Guangzhou in the New Era. *Journal of Agricultural Resources and Environment,* 38(2):332-343. [Link]
- Zang J M, Zhang S Y, **Tang C Y**, 2022. Spatio-temporal Evolution and Influencing Factors of Agricultural Eco-efficiency in Guangdong Province under "Dual Carbon" Target, *Chinese Journal of Agricultural Resources and Regional Planning*, 44(10):135-146. [Link]

RESEARCH EXPERIENCES

Research on Farmland Protection in Guangdong under the New Era Background   **12/2019 - 01/2021**

PI: Associate Professor Junmei Zang, South China University of Technology

Focus: Based on the current situation of farmland, proposed new ideas for the utilization and protection of farmland in Guangdong

Roles:

- Designed a survey questionnaire on the implementation status of farmland protection policies in Guangdong and led a field investigation team to collect 104 effective questionnaires targeting personnel in the land management industry.
- Conducted cognitive assessments on land management industry personnel to evaluate their comprehension of farmland protection policies and generated reports on questionnaire survey and interview research analysis.
- Analyzed the spatial patterns of changes in land quantity and quality, as well as non-grain cultivation in Guangdong.

Spot-like Land Supply in the Context of Rural Revitalization: Theory, Mode, Path, and Guangdong Innovation   **07/2020 - 01/2021**

PI: Associate Professor Junmei Zang, South China University of Technology

Focus: Analyzed the land use and spatial layout of leisure agriculture and rural tourism projects in Guangdong, and proposed innovative ideas for spot-like land supply policy

Roles:

- Mainly responsible for writing the content of the project application, including argument basis, research methods, and technology roadmap.
- Collected and organized policies on spot-like land supply policy in 23 provinces of China and conducted a preliminary analysis of the policies.

Research on the Natural Resource Governance System and Management Model of the Pearl River Delta under the Background of the Construction of the Greater Bay Area   08/2019 - 01/2020

PI: Professor Yuxiang Dong, Sun Yat-sen University

Focus: Based on the natural resource endowment, management status, and existing problems of the Pearl River Delta, explored the natural resource governance system and management mode in the Pearl River Delta region under the background of the construction of the Guangdong-Hong Kong-Macao Greater Bay Area in the new era

Roles:

- Searched a wide range of literature based on the governance theories involved and thematic keywords such as "natural resource governance" and "Guangdong-Hong Kong-Macao Greater Bay Area".
- Collected and analyzed policy documents related to natural resource management, which laid the foundation for proposing policy innovations in the future.

WORK EXPERIENCES

Guangdong Agribusiness Group Corporation, *Guangzhou*   07/2021 - 07/2024

Asset and Resources Department

Assistant Supervisor

- Utilized remote sensing data and statistical analysis to monitor and assess farm land, regularly compiled analysis reports, optimized land management processes, and provided data support for agricultural production decision-making.
- Coordinated and advanced land reclamation, agrivoltaics, and ecological agriculture projects, promoted sustainable agricultural development, and ensured the effective and smooth implementation of these initiatives.

ADDITIONAL ACTIVITIES

Volunteer, The First China Undergraduate Contest on Land Use Survey, *Guangzhou*   09/2019

- Assisted with event logistics and participant support as a volunteer and received a certificate for outstanding contributions.

Participant, International Postgraduate Summer School 2019, *Hong Kong*   06/2019

- Participated in a one-week program at Lingnan University, which included workshops on various research and methodological issues, research presentations, field visits, and social activities.

AWARDS AND SCHOLARSHIPS

Top Management Trainee of 2023, Guangdong Agribusiness Group Corporation	**01/2024**
Academic Scholarship of South China University of Technology	**2020&2019&2018**
Rookie Award for Land Economy Research of the Annual Conference on Chinese Land Economics	**09/2019**
Second-class Excellent Student Scholarship of Inner Mongolia University	**12/2015**
Merit Award of the 4th Case Analysis Competition of Higher Education Institutions on Public Management in Hohhot	**04/2015**

SKILLS AND LANGUAGES

Computer Skills: ArcGIS, ENVI, Geoda, R, Stata, SPSS, Matlab, Origin, Adobe Photoshop, Adobe Illustrator

Languages: English (Fluent), Mandarin (Native), Cantonese (Fluent)