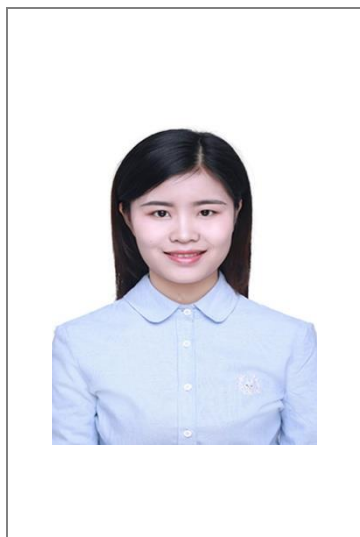


# Chen Shui Xia



Qf ib

C r i v

fi

aaobpp

Qi

sxchen@must.edu.mo

O913b

## Academic Qualification

2020-2023 Ph.D.: Sichuan University; Management Science and Engineering;

2017-2023 Master: Central South University, Management Science and Engineering;

2013-2017 BS/BA: Changsha University of Science and Technology, Management Information System.

## Working Experience

2023-Present Assistant professor / Macau University of Science and Technology

## Teaching Activities

Supply Chain Management, Operation Management

## Research Areas

Big data and business analytics, machine learning, digital marketing.

## Selected Publications

[1] Shuixia Chen, Xiaokang Wang, Hongyu Zhang, Juanjuan Peng, Jianqiang Wang\*, Customer purchase forecasting for online tourism: A data-driven method with multiplex behavior data, *Tourism Management*, 87, 104357, 2021. (SSCI/SCI, ABS4, JCR Q1)

- [2] Shuixia Chen, Eric W. T. Ngai, Yaoyao Ku, Zeshui Xu\*, Xunjie Gou, Chenxi Zhang, Prediction of individualized hotel booking cancellations: Integration of machine learning and probability model based on interpretable feature interaction. *Decision Support Systems*, <https://doi.org/10.1016/j.dss.2023.113959>. (SCI, ABS3, JCR Q1)
- [3] Shuixia Chen, Jianqiang Wang\*, Hongyu Zhang, A hybrid PSO-SVM model based on clustering algorithm for short-term atmospheric pollutant concentration forecasting, *Technological Forecasting & Social Change*, 146:41-54, 2019. (SSCI, ABS3, JCR Q1)
- [4] Shuixia Chen, Jianqiang Wang\*, Xiaokang Wang, Hongyu Zhang, Customer purchase prediction from the perspective of imbalanced data: A machine learning framework based on factorization machine, *Expert Systems with Application*, 173, 114756, 2021. (SSCI/SCI, ABS1, JCR Q1)
- [5] Shuixia Chen, Zeshui Xu\*, Xinxin Wang, Chenxi Zhang, Ambient air pollutants concentration prediction during the COVID-19: A method based on transfer learning, *Knowledge-based Systems*, 258, 109996, 2022. (SCI, JCR Q1)
- [6] Shuixia Chen, Jianqiang Wang\*, Tieli Wang, Cloud-based ERP system selection based on extended probabilistic linguistic MULTIMOORA method and Choquet integral operator, *Computational and Applied Mathematics*, 38(2):88, 2019. (SCI, JCR Q1, ESI highly cited article)
- [7] Shuixia Chen, Zeshui Xu\*, Marinko Skare, The impact of COVID-19 on the service business industry: insights from a bibliometric review, *Total Quality Management and Business Excellence*, 1-35, 2022. (SSCI, ABS2, JCR Q3)
- [8] Shuixia Chen, Zeshui Xu\*, Xinxin Wang, Marinko Skare, A bibliometric analysis of natural disasters and business management in tourism. *Journal of Business Economics and Management*, 2022, 23(2): 305-326. (SSCI, JCR Q2)

### **Other Professional Activities**

Serve as anonymous reviewer for SSCI/SCI journals like an *Artificial Intelligence Review*, *Current Issues in Tourism*, *International Journal of Consumer Studies*, *Journal of Global Information Management*, etc.

### **Honors/Awards**

- 2022 Outstanding Graduate Student of Sichuan University
- 2022 Excellent Master's Thesis of Hunan Province
- 2020 Outstanding Graduate of Hunan Province
- 2019 National Scholarship for Graduate Students
- 2017 Outstanding Graduate of Hunan Province