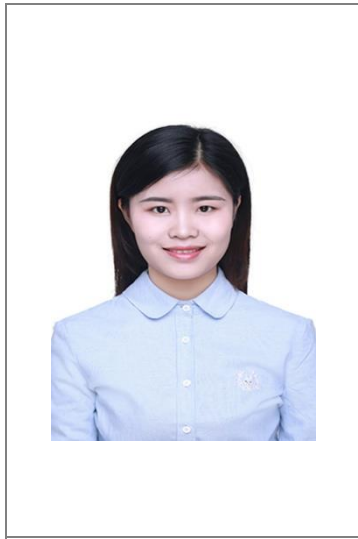


# CHEN, Shuixia



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## Academic Qualification

2020-2023 Ph.D.: Sichuan University; Management Science and Engineering;  
2017-2020 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

Big Data Analysis, Management Information Systems, Supply Chain Management, Operation Management

## Research Areas

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

## Selected Publications

[1] **Shuixia Chen**, Eric W. T. Ngai, Fei Xiao, Zeshui Xu\*, From comparison to purchasing: Effects of online behaviors among associated co-visited products on consumer purchase. *Information & Management*, 2024, 61(3), 103938. (SSCI/SCI, ABS3, JCR Q1, IF: 10.328)

- [2] **Shuixia Chen**, Zeshui Xu\*, Duo Xu, Xunjie Gou, Customer purchase prediction in e-business: A systematic review and future research agenda. *Expert Systems with Application*, 2024, 252, 124261. (SCI, ABS1, JCR Q1, IF: 8.665)
- [3] **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*, 2023, 170, 113959. <https://doi.org/10.1016/j.dss.2023.113959>. (SCI, ABS3, JCR Q1, IF: 6.969)
- [4] **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*, 2022, 258, 109996. (SCI, JCR Q1, IF: 8.139)
- [5] **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*, 2022, 34(5-6): 580-614. (SSCI, ABS2, JCR Q3, IF: 0.99)
- [6] **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, IF: 2.596)
- [7] **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*, 2021, 87, 104357. (SSCI/SCI, ABS4, JCR Q1, IF: 12.879)
- [8] **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*, 2021, 173, 114756. (SSCI/SCI, ABS1, JCR Q1, IF: 8.665)
- [9] **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*, 2019, 146:41-54. (SSCI, ABS3, JCR Q1, IF: 10.884)
- [10] **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*, 2019, 38(2):88. (SCI, JCR Q1, IF: 1.310)

### **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