Name	Jingyi sun	Dept.	Faculty of Transportation Engineering, Kunming University of Science and Technology	照
Duties	teacher	Title	associate professor	
Education / degree	master	Supervisor	Zhengyi li	
E-mail	jysun@kust.edu.cn			片
Research area	Transportation planning and management			

Educational & work experience	**Education background:** 1986.9--1990.7, Hunan University, bachelor of civil engineering. 1994.9 — 1997.1, Chongqing Jiaotong University, Master of transportation engineering. **Academic travel abroad experience:** 2004.04 — 2004.05, Transportation research center of Osaka university of industry, Japan. 2006.10 — 2007.09, Transportation research institute of Swiss Federal university of technology(ETH), Switzerland. 2014.08 — 2015.08, Civil and Environmental (Transportation), University of Tennessee, Knoxville, USA. **Work experiences:** 1990.7—1994.8, Yunnan institute of technology, teaching assistant 1997.2-1999.8, Yunnan University of industry and technology, lecturer 1999.9 — present, Kunming University of Science and Technology, associate professor.
Teaching & research	**Teaching courses:** Transportation Planning, Transport Influence Assess,Traffic Engineering Research areas: Traffic system planning and management
Representative achievements	**Research projects:**

1.Study on holosense-coupled Unified field Theory of traffic system risk and its fault-tolerant control mechanism under Vehicle-road collaborative environment , NSFC(General project), 2023/01-2026/12.

2 .Kunming science and technology bureau, science and technology special key project, 20120207AS020004, Study of kunming road network capacity prediction and evaluation model and development of database system, 2012/10-2015/09.

3．Yunnan provincial hall project, Research on theory and method of urban road network structure optimization, 2011/10-2013/09.

Research achievements:

[1] Sun jingyi, Mou ruojing, Su xiaobo, Highway abnormal state detection based on support vector machine, Journal of chongqing jiaotong university(natural science), Vol. 38 May 2019.

[2]Sun jingyi, Mou ruojing, Liu yonghua, Study on short-time traffic state forecastig model of svm considering proportion of large vehicles, Journal of highway ang transportation research ang development, Vol.34,Oct. 2018.

[3]Jie Chao, Jingyi Sun, Research on Resident's Trip Structure Based on Low Carbon Transport Mode, Applied Mechanics and Materials, Vols 744, EI 收录, 2014.

[4]Sun jingyi, Sen junjiang, Study of urban expressway variable speed limit strategy, Journal of highway ang transportation research ang development, Vol.29 ,Nove. 2012..

[5]Sun jingyi, Su youfu, Application in bus dispatching of BP neural network based on Matlab, Journal of Wuhan university of science and technology(traffic science and engineering),Vol. 35, May, 2011.

[6]Jingyi sun，Ruiwang,The study of parking demand forecast basing on the analysis of the land location, 2011 International Conference on Remote Sensing， Environment and Transportation Engineering(RSETE2011),Nanjing, P.R. China, 06.24-26,EI 收录，2011。