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Yongxue Liu

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Contents

Part One

- xv *Conference Committees*
xix *Introduction*

SESSION 1 GIS FOR ENVIRONMENT AND HEALTH

- 6754 02 **Assisting video surveillance in micro-spatial environments with a GIS approach** [6754-01]
X. Li, East China Normal Univ. (China); X. Zhang, Univ. of Memphis (USA); L. Tan, Nanjing Univ. (China)
- 6754 03 **GIS-based earthquake hazard assessment of urban power systems: Memphis electric substations** [6754-02]
X. Zhang, Univ. of Memphis (USA); Y. Li, China Geological Survey (China); X. Li, East China Normal Univ. (China); Y. Liu, FedEx Express (USA); T. Lu, Nanjing Univ. (China)
- 6754 04 **Study on GIS-based building of S-57 data models** [6754-03]
Y. Li, Sun Yat-sen Univ. (China) and South China Agricultural Univ. (China); S. Bao, South China Agricultural Univ. (China); P. Zhou, J. Tan, Guangzhou Institute of Geochemistry (China); S. Chen, Guangzhou Institute of Geochemistry (China) and French Naval Academy Research Institute (France)
- 6754 05 **Study on a new global data structure STQIE-based** [6754-04]
L. Guan, C. Cheng, S. Guo, G. Pu, M. Sun, Peking Univ. (China)
- 6754 06 **The geo-ontology based on stratified rough sets** [6754-05]
W. Cui, Wuhan Univ. of Technology (China); Y. Yao, Shanghai Maritime Univ. (China); Y. Yu, Wuhan Univ. of Technology (China); D. Li, State Key Lab. of Information Engineering in Surveying, Mapping and Remote Sensing (China)
- 6754 07 **An efficient distributed shortest path algorithm based on hierarchically structured topographical model** [6754-06]
W. Guo, X. Zhu, Y. Liu, Wuhan Univ. (China)
- 6754 08 **A new global GIS architecture based on STQIE model** [6754-07]
C. Cheng, L. Guan, S. Guo, G. Pu, M. Sun, Peking Univ. (China)
- 6754 09 **Improving method of line (area) buffer creating model used in MapInfo** [6754-08]
R. C. Peng, Y. Chen, G. H. Liu, L. X. Guo, Y. D. Zheng, H. R. Chen, Dalian Naval Academy (China)
- 6754 0A **Integration of spatial information technology for digital urban planning** [6754-09]
A. Dang, H. Shi, X. He, Y. Li, Tsinghua Univ. (China)

- 6754 0B **Study on lateral buffer generation in GIS** [6754-10]
J. Wang, Y. Rui, J. Liu, D. Shen, Nanjing Univ. (China)
- 6754 0C **Research on the diathesis, knowledge structure and education scheme of GIS personnel** [6754-11]
M. Li, W. Dai, Y. Zhao, Nanjing Univ. (China)
- 6754 0D **Fuzzy description model for indeterminate direction relation** [6754-12]
J. He, Y. Liu, Wuhan Univ. (China) and Ministry of Education Key Lab. of Geographic Information System (China); Y. Yu, Wuhan Univ. (China)
- 6754 0E **Research of the relationship between space accessibility and urban land price by point-based space syntax** [6754-13]
K. Song, M. Li, Y. Shao, Y. Liu, Nanjing Univ. (China)
- 6754 0F **Knowledge-based geographic model integration** [6754-14]
H. Yang, G. Lu, J. Wang, Y. Hu, Y. Yang, Y. Wen, Nanjing Normal Univ. (China)
- 6754 0G **Research on GIS open service solution based on Parlay API architecture** [6754-15]
X. Zhu, M. Li, Nanjing Univ. (China)
- 6754 0H **Data organization approach to spatio-temporal GIS in campus real estate** [6754-16]
Y. Zhang, X. Feng, S. Zhao, P. Xiao, X. Le, Nanjing Univ. (China)
- 6754 0I **The study of spatio-temporal reasoning model and application in the digital tobacco** [6754-17]
J. Luo, W. Cui, Institute of Remote Sensing Applications (China)
- 6754 0J **Role-based access control model for GIS** [6754-18]
Y. Pan, Nanjing Normal Univ. (China) and Jiangsu Univ. (China); Y. Sheng, J. Zhou, Nanjing Normal Univ. (China)
- 6754 0K **Effects of cell sizes on resistance surfaces in GIS-based cost distance modeling for landscape analyses** [6754-19]
W. Liu, D. Chen, N. A. Scott, Queen's Univ. (Canada)
- 6754 0L **Improved algorithm for data conversion from raster to vector** [6754-20]
J. Teng, State Oceanic Administration (China); F. Wang, Northern Illinois Univ. (USA)
- 6754 0M **Assessment of micro-regional internal accessibility based on road network** [6754-21]
T. Nie, M. Li, Z. Jiang, K. Huang, Nanjing Univ. (China)
- 6754 0N **Study on the complex network characteristics of urban road system based on GIS** [6754-22]
Z. Gao, Z. Chen, Y. Liu, K. Huang, Nanjing Univ. (China)
- 6754 0O **Research on the Yin-Yang structure of the main city of Nanjing by the method of GIS** [6754-23]
W. Yuan, X. Zhu, B. Zhao, Nanjing Univ. (China)

- 6754 OP **Improving the performance of spatial raster analysis in GIS using GPU** [6754-24]
Y. Wu, Y. Ge, Hohai Univ. (China); W. Yan, Nanjing Univ. of Technology (China); X. Li, Hohai Univ. (China)
- 6754 OQ **Research and implementation of road monitoring GIS system** [6754-25]
J. Yu, J. Wu, M. Yi, East China Normal Univ. (China)
- 6754 OR **A study on service-based multi-agent geospatial data sharing method** [6754-26]
L. Teng, N. Liu, R. Liu, Zhejiang Univ. (China) and Zhejiang Provincial Key Lab. of Geographic Information System (China); L. Lu, Taizhou Municipal Land Administrative Bureau (China)
- 6754 OS **Research on assessing conditions of establishing industrial land and spatial integration for region along Yangtze of Changzhou aided by GIS** [6754-27]
D. Sun, W. Liu, Wuxi Land Resource Bureau (China); R. Jiang, ShenZhen Real Estate Research Ctr. (China)
- 6754 OT **Integration and utilization of the historical cultural resources of Nanjing based on cluster analysis** [6754-28]
J. Xu, Y. Zong, Nanjing Univ. (China)
- 6754 OU **Quick location determination based on geographic keywords of natural language** [6754-29]
D. Guo, W. Cui, Institute of Remote Sensing Applications (China)
- 6754 OV **Analysis on the spatial structure and characteristics of the eminent tourism resources in south Jiangsu based on GIS** [6754-30]
Y. Wang, J. Zhang, J. Ran, Nanjing Univ. (China)
- 6754 OW **Analysis on evolution process of the Meizhou reach of the Yangtze River from the revention based on GIS** [6754-31]
G. Qu, J. Wang, S. Bai, Nanjing Normal Univ. (China); G. Cao, Nanjing Normal Univ. (China) and Linyi Normal Univ. (China)
- 6754 OX **Study on growth monitoring of winter wheat based on change vector analysis** [6754-32]
X. Gu, Y. Pan, L. Han, C. Xu, Beijing Normal Univ. (China)
- 6754 OY **A GIS-based approach for comparative analysis of potential fire risk assessment** [6754-33]
Y. Sun, L. Hu, H. Liu, Beijing Normal Univ. (China)
- 6754 OZ **Study on drought fine distribution over rugged terrains based on GIS** [6754-34]
Y. H. Gao, Chongqing Institute of Meteorological Science (China); Y. Z. Tian, Southwest Normal Univ. (China); Z. J. Chen, Y. H. Tang, Chongqing Institute of Meteorological Science (China)
- 6754 10 **Divisions of urban economic effect regions based on revised potential model: a case study of Jiangsu Province since 1978** [6754-35]
J. Zhu, W. Guan, J. Xu, X. Chen, Nanjing Univ. (China)

- 6754 11 **The study on dynamic cadastral coding rules based on kinship relationship** [6754-36]
H. Xu, N. Liu, R. Liu, Zhejiang Univ. (China); J. Lu, Taizhou Municipal Land Administrative Bureau (China)
- 6754 12 **The study on the spatio-temporal model of the moving objects based on LBS** [6754-37]
L. Zhou, D. Zhang, X. He, Huaihai Institute of Technology (China)
- 6754 13 **Theory of ontology and land use ontology construction** [6754-38]
G. Zhou, Y. Liu, J. Chao, C. Shen, H. Yang, Nanjing Univ. (China)
- 6754 14 **Qualitative spatial reasoning for direction relation** [6754-39]
P. Chen, East China Institute of Technology (China) and Central South Univ. (China); J. Wu, Shandong Jiaotong Univ. (China); D. Li, East China Institute of Technology (China); X. Liu, Central South Univ. (China)
- 6754 15 **Research on the new route choice method of main optical cables based on Dijkstra algorithm: a case study of Guanyun County** [6754-40]
M. Zhang, Nanjing Univ. (China); X. Gu, Nanjing Univ. of Posts and Telecommunications (China); Z. Chen, X. Li, M. Su, Nanjing Univ. (China)
- 6754 16 **GIS based quantification method of spatial competition** [6754-41]
Z. Chen, M. Li, H. Fu, D. Chen, Nanjing Univ. (China)
- 6754 17 **Processing model of multi-scale geospatial data based on genetic algorithms** [6754-42]
H. Deng, F. Wu, Q. Zhao, D. Dong, Information Engineering Univ. (China)
- 6754 18 **Bidirectional Dijkstra algorithm for best-routing of urban traffic network** [6754-43]
L. Chen, J. Zhou, J. Li, Y. Chen, Beijing Normal Univ. (China)
- 6754 19 **Study on the balance of datum land prices among cities based on city gravitation model and stochastic diffusion equation** [6754-44]
Y. Liu, Y. Liu, Y. Xia, W. Liu, Z. Lan, Wuhan Univ. (China)

SESSION 2 WEBGIS, VIRTUAL GIS, GRID GIS, AND MOBILE GIS

- 6754 1A **Station-based water vapor estimation using sparse national GPS network** [6754-45]
Y. Gao, W. Tao, Y. Zhang, Univ. of Calgary (Canada)
- 6754 1B **GIS and agent based spatial-temporal simulation modeling for assessing tourism social carrying capacity: a study on Mount Emei scenic area, China** [6754-46]
R. Zhang, Chongqing Institute of Technology (China)
- 6754 1C **A study on spatial decision support systems for HIV/AIDS prevention based on COM GIS technology** [6754-47]
K. Yang, H. Luo, S. Peng, Q. Xu, Yunnan Normal Univ. (China)
- 6754 1D **A photogrammetric method for monitoring sandbank movement** [6754-48]
Z. Deng, Nanjing Univ. (China) and BasicEngineering Co., Ltd. (Japan); S. Takao, BasicEngineering Co., Ltd. (Japan)

- 6754 1E **Architecture for service-oriented WebGIS in the mode of multilevel-multilayer organizing** [6754-49]
F. Li, M. Li, J. Liang, Nanjing Univ. (China)
- 6754 1F **A study on the wetland dynamics and its main driving factors in Sanjiang plain, Northeast China** [6754-50]
G. Li, Lanzhou Univ. (China) and Jilin Normal Univ. (China); K. Song, Northeast Institute of Geography and Agricultural Ecology (China); S. Niu, Lanzhou Univ. (China)
- 6754 1G **The mine information system based on digital strata and its preliminary application** [6754-51]
J. Hu, H. Zhu, X. Li, C. Wang, Tongji Univ. (China)
- 6754 1H **Monitoring variation of water turbidity and related environmental factors in Poyang Lake National Nature Reserve, China** [6754-52]
W. Liu, Y. Liu, Wuhan Univ. (China); C. M. Mannaerts, International Institute for Geo-Information Science and Earth Observation (Netherlands); G. Wu, Wuhan Univ. (China) and International Institute for Geo-Information Science and Earth Observation (Netherlands)
- 6754 1I **Research on the flood prevention and control system of the Poyang lake area based on WebGIS** [6754-53]
X. Liu, Y. Chen, Q. Sun, Jiangxi Univ. of Science and Technology (China)
- 6754 1J **Impact of floating population on the epidemic of tuberculosis: a spatial analysis** [6754-54]
Z. Jia, Beijing Univ. of Posts and Telecommunications (China) and Beijing Institute of Microbiology and Epidemiology (China); X. He, Beijing Research Institute for TB Control (China); W. Zhao, Beijing Institute of Microbiology and Epidemiology (China); Y. An, Beijing Research Institute for TB Control (China); W. Cao, Beijing Institute of Microbiology and Epidemiology (China); X. Li, Institute of Remote Sensing Applications (China)
- 6754 1K **Assessment of the regional landslide susceptibility based on GIS** [6754-55]
Z. Sun, Jilin Normal Univ. (China); S. Xie, Nanjing Urban Planning Bureau (China); K. Zhang, China Univ. of Geosciences (China); X. Zheng, Jilin Normal Univ. (China); Y. Zhu, China Univ. of Geosciences (China)
- 6754 1L **Study of the quantitative evaluation of the visual satisfaction of environmental space of urban sculpture based on relationship between human and environment: taking three environmental spaces of urban sculpture in Nanjing as an example** [6754-56]
Z. Jiang, Nanjing Univ. (China); N. Wang, Nanjing Univ. of Technology (China); Q. Qi, C. Qin, Nanjing Univ. (China)
- 6754 1M **A GIS-based landslide hazard assessment by multiple regression analysis** [6754-57]
X. Pan, Cold and Arid Regions Environmental and Engineering Research Institute (China) and Tokyo Univ. of Agriculture and Technology (Japan); H. Nakamura, Tokyo Univ. of Agriculture and Technology (Japan); N. Tamotsu, CNK Geotechnical Institute Inc. (Japan); Z. Nan, Cold and Arid Regions Environmental and Engineering Research Institute (China)

- 6754 1N **Research about the location technologies of forest fire detecting based on GIS** [6754-58]
A. Zhang, Institute of Geographical Sciences and Natural Resources Research (China) and Graduate School of the Chinese Academy of Sciences (China); Q. Qi, Institute of Geographical Sciences and Natural Resources Research (China); L. Jiang, C. Guo, Institute of Geographical Sciences and Natural Resources Research (China) and Graduate School of the Chinese Academy of Sciences (China)
- 6754 1O **Research on scenario simulation of land-use planning based on CA model: A case study in Kunming metropolitan area** [6754-59]
X. Li, Y. Liu, X. Fu, Nanjing Univ. (China)
- 6754 1P **Terrain matching image pre-process and its format transform in autonomous underwater navigation** [6754-60]
X. Cao, F. Zhang, Peking Univ. (China); D. Yang, Beihang Univ. (China); B. Yang, Peking Univ. (China)
- 6754 1Q **An ArcHydro-feature based data model of water resources system of irrigation district in northwest China** [6754-61]
S. Yi, Z. Chang, L. Li, Huazhong Univ. of Science and Technology (China)
- 6754 1R **A mathematical model for flood loss estimation based on spatial grid** [6754-62]
Q. Zhu, X. Chen, Peking Univ. (China); H. Yang, China Institute of Water Resources and Hydropower Research (China); Z. Huang, Peking Univ. (China)
- 6754 1S **Research on dynamical mechanism of land desertification** [6754-63]
M. Yang, Wuhan Univ. (China); R. Guo, Wuhan Univ. (China) and Bureau of Resources and Housing Management of ShenZhen Municipality (China); Q. Li, Wuhan Univ. (China); P. Luo, Bureau of Resources and Housing Management of ShenZhen Municipality (China)
- 6754 1T **Application of two hydrological models to Weihe River basin: a comparison of VIC-3L and SWAT** [6754-64]
H. Hu, Lanzhou Univ. (China); G. Wang, Lanzhou Univ. (China) and Institute of Mountain Hazards and Environment (China); X. Bi, Nanjing Univ. (China); F. Yang, C. E., Lanzhou Univ. (China)

Part Two

SESSION 3 GIS THEORY, ALGORITHM, AND APPLICATION

- 6754 1U **An architecture for ontology-based geographic information semantic grid service** [6754-65]
Q. Zhan, D. Li, Z. Shao, Wuhan Univ. (China)
- 6754 1V **Mobile agent based online integration modeling for traffic information services** [6754-66]
Q. Li, D. Gao, Z. Fang, L. Li, Wuhan Univ. (China)
- 6754 1W **NDF: an effective mobile GIS physical storage model** [6754-67]
K. Li, Institute of Geographical Sciences and Natural Resources Research (China) and Graduate School of the Chinese Academy of Sciences (China); E. Zhong, G. Song, G. Cao, L. Zhang, Institute of Geographical Sciences and Natural Resources Research (China); Q. Wu, Beijing Landview Mapping Information Technology Co., Ltd. (China)

- 6754 1X **Building web-based spatial information solution around open specifications and open source software: a case study of web-based demographic information system of Changzhou** [6754-68]
Z. Jiang, M. Li, B. Zhao, T. Nie, Nanjing Univ. (China)
- 6754 1Y **SQL level global query resolving for web based GIS** [6754-69]
B. Chen, F. Huang, Z. Huang, Peking Univ. (China); Y. Sun, Peking Univ. (China) and Shijiazhuang Institute of Railway Technology (China); Y. Fang, Peking Univ. (China)
- 6754 1Z **Monte Carlo ray tracing algorithm for rendering virtual geographical environment** [6754-70]
J. Ma, S. Xu, G. Gu, P. Jia, Nanjing Univ. (China)
- 6754 20 **P2P based efficient on-line spatial images delivery** [6754-71]
Y. Liu, J. Gong, H. Wu, Wuhan Univ. (China)
- 6754 21 **DIY-style GIS service in mobile navigation system integrated with web and wireless GIS** [6754-72]
Y. Yan, J. Wu, C. Fan, M. Wang, S. Dai, East China Normal Univ. (China)
- 6754 22 **Using GeoRSS feeds to distribute house renting and selling information based on Google map** [6754-73]
Y. Nong, K. Wang, Wuhan Univ. (China); L. Miao, South China Agricultural Univ. (China); F. Chen, Wuhan Univ. (China)
- 6754 23 **Integration agent-based models and GIS as a virtual urban dynamic laboratory** [6754-74]
P. Chen, Tongji Univ. (China) and Key Lab. of Geographic Information Science (China); M. Liu, Tongji Univ. (China)
- 6754 24 **Data penetration transmission in P2P** [6754-75]
S. Zheng, X. Feng, Nanjing Univ. (China)
- 6754 25 **Designing and implementing outdoor augmented reality system based on ARToolKit** [6754-76]
Z. He, Y. Liu, Wuhan Univ. (China); Y. Chang, Shandong Normal Univ. (China); S. Hu, Guangdong Land Resource Information Ctr. (China)
- 6754 26 **Study on architecture and implementation of adaptive spatial information service** [6754-77]
Z. Yu, Y. Wang, B. Luo, Institute of Geographical Sciences and Natural Resources Research (China)
- 6754 27 **Large-scale P2P network based distributed virtual geographic environment (DVGE)** [6754-78]
X. Tan, L. Yu, F. Bian, Wuhan Univ. (China)
- 6754 28 **Using GeoRSS to syndicate the spatiotemporal information** [6754-79]
B. Zhao, M. Li, Z. Jiang, Nanjing Univ. (China)
- 6754 29 **Global grid systems for geospatial information: status and thinking** [6754-80]
J. Ben, Information Engineering Univ. (China) and State Key Lab. of Resource and Environmental Information System (China); X. Tong, S. Ji, Information Engineering Univ. (China)

- 6754 2A **Constructing 3D GIS mine model and its visualization** [6754-81]
H. Chen, Nanjing Univ. (China) and Nanjing Forestry Univ. (China); H. Fu, F. Li, Nanjing Univ. (China)
- 6754 2B **A new methodology to mobile green spatial information service grid based on mobile agent** [6754-82]
G. Tian, Henan Polytechnic Univ. (China), Liaoning Technical Univ. (China), and Tongji Univ. (China); M. Liu, X. Tong, Tongji Univ. (China)
- 6754 2C **Spatial information multi-grid for service** [6754-83]
Z. Shao, C. Zhong, M. Li, X. Wang, Wuhan Univ. (China)
- 6754 2D **Embedded GIS based on the convergenced network** [6754-84]
Z. Chen, Graduate Univ. of Chinese Academy of Sciences (China) and Institute of Geographic Sciences and Natural Resources Research (China); Q. Qi, Institute of Geographic Sciences and Natural Resources Research (China)
- 6754 2E **Research on the middleware of grid GIS: distributed cooperative computing GIS software and its key technologies** [6754-85]
Y. Sun, Peking Univ. (China) and Shijiazhuang Institute of Railway Technology (China); Y. Fang, B. Chen, Peking Univ. (China); T. A. Rana, Yasar Univ. (Turkey)
- 6754 2F **Application based on ArcObject inquiry and Google maps demonstration to real estate database** [6754-86]
J. Hwang, National Taipei Univ. (Taiwan)
- 6754 2G **Web-GIS based information management system to Bureau of Law Enforcement for Urban Management** [6754-87]
H. Sun, C. Wang, B. Ren, Huazhong Univ. of Science and Technology (China)
- 6754 2H **Research on ecological function zoning information system based on WebGIS** [6754-88]
J. Zhang, Henan Polytechnic Univ. (China); G. Zhang, Jiaozuo Junior Specialized Postsecondary Normal Colleges (China)
- 6754 2I **Research on three-dimensional visualization based on virtual reality and Internet** [6754-89]
Z. Wang, Zhengzhou Univ. (China); H. Yang, Zhengzhou Univ. (China) and China Institute of Water Resources and Hydropower Research (China); H. Zhao, Zhengzhou Univ. (China); J. Li, China Institute of Water Resources and Hydropower Research (China); Q. Zhu, Peking Univ. (China); X. Zhang, China Institute of Water Resources and Hydropower Research (China); K. Sun, Zhengzhou Univ. (China)
- 6754 2J **Application of virtual reality GIS in urban planning: an example in Huangdao district** [6754-90]
Y. Han, Information Ctr. of Qingdao Geotechnical Investigation and Surveying Research Institute (China) and Ocean Univ. of China (China); X. Qiao, W. Sun, L. Zhang, Information Ctr. of Qingdao Geotechnical Investigation and Surveying Research Institute (China)
- 6754 2K **WebGIS application based on real-time traffic flow network analysis** [6754-91]
S. Jiao, Beijing Vocational and Technical Institute of Industry (China); Y. Qu, Z. Liu, Q. Feng, J. Ren, X. Chen, Beijing Normal Univ. (China)

- 6754 2L **The application of speech technology in mobile GIS** [6754-92]
L. Zhang, Y. Long, C. Qian, L. Hu, G. Lv, Nanjing Normal Univ. (China) and MOE Key Lab. of Virtual Geographical Environment (China)
- 6754 2M **The applications of geo-referenced data visualization technologies for GIS** [6754-93]
J. Liu, J. Wang, Y. Zhou, Nanjing Univ. (China)
- 6754 2N **Construction of urban land demand model base system based on web services** [6754-94]
K. Huang, M. Li, Z. Gao, T. Nie, Nanjing Univ. (China)
- 6754 2O **GIS web service interaction model based on REST** [6754-95]
G. Wang, F. Bian, Wuhan Univ. (China)
- 6754 2P **A new VideoGIS: integration of WebGIS with streaming media technology based on Internet** [6754-96]
J. Wang, Nanjing Univ. of Technology (China)
- 6754 2Q **A Jini-based dynamic service WebGIS model** [6754-97]
W. Xuan, X. Chen, Z. Huang, Peking Univ. (China); G. Zhao, Wuhan Univ. (China)
- 6754 2R **Information system building of the urban electromagnetic environment** [6754-98]
J. Wang, Y. Rui, D. Shen, Q. Yu, Nanjing Univ. (China)
- 6754 2S **Research on integration of web electronic map and 3D virtual scene in network environment** [6754-99]
Q. Wang, J. Yang, G. Zheng, X. Huang, China Univ. of Geosciences (China)

SESSION 4 SPATIAL DECISION SUPPORT SYSTEM AND GOVERNMENT GIS

- 6754 2T **GIS-based integrated assessment and decision support system for land use planning in consideration of carbon sequestration benefits** [6754-100]
J. Wang, J. M. Chen, M. Li, W. Ju, Nanjing Univ. (China)
- 6754 2U **Spatial distribution analysis of residential living space features in Shanghai based on spatial accessibility calculations: a method study** [6754-101]
Y. Qi, J. G. Xu, G. R. Zhang, B. G. Liao, Nanjing Univ. (China)
- 6754 2V **Design and implementation on information construction of county level land and resources departments** [6754-102]
W. Liu, D. Sun, New District Substation of Wuxi Land and Resources Bureau (China)
- 6754 2W **Research on optimum location of urban land based on CA** [6754-103]
G. Wu, C. Song, B. Wei, Q. Wu, H. Si, Nanjing Univ. (China)
- 6754 2X **Research on designing ontologies for location-based services** [6754-104]
G. Cheng, Q. Du, Z. Cai, Wuhan Univ. (China); M. Huang, Jiangxi Finance & Economics Univ. (China); H. Zhao, Wuhan Univ. (China) and Jiangxi Normal Univ. (China)
- 6754 2Y **A cooperated P2P GIS for loose coupled governmental application** [6754-105]
C. Li, K. Xie, X. Ma, C. Cai, Y. Sun, Peking Univ. (China)

- 6754 2Z **Defining a certain range of land consolidation with support of GIS and visualization technology** [6754-106]
M. Jia, M. Li, H. Fu, T. Wang, F. Li, Nanjing Univ. (China)
- 6754 30 **The social problems and strategies of the government GIS in China** [6754-107]
N. Chen, Z. Fu, Wuhan Univ. (China)
- 6754 31 **Scenario planning based on geomatics: a case study in Zijin mountain national forest park** [6754-108]
M. Li, Y. He, G. Xu, W. Wu, Nanjing Forestry Univ. (China); B. Wang, Nanjing Univ. (China)
- 6754 32 **The discussion of crucial techniques in the emergency solution of special equipment security systems** [6754-109]
Z. Li, R. Liu, N. Liu, Zhejiang Univ. (China)
- 6754 33 **Study on informatization framework of urban pipelines** [6754-110]
R. Tian, Q. Zhu, W. Zhong, H. Gao, Ningbo Planning & Geography Information Ctr. (China)
- 6754 34 **Application of real-time cooperative editing in urban planning management system** [6754-111]
C. Jing, R. Liu, N. Liu, Zhejiang Univ. (China); W. Bao, The Jinhua City Planning Administrative Bureau (China)
- 6754 35 **The spatial decision-supporting system combination of RBR & CBR based on artificial neural network and association rules** [6754-112]
Y. Tian, F. Bian, Wuhan Univ. (China)
- 6754 36 **Distributed decision-support GIS application based on web-service** [6754-113]
L. Yu, X. Tan, Wuhan Univ. (China); J. Huang, The Land and Resources Information Ctr. of Guangdong Province (China)
- 6754 37 **Architecture design of the national plant treasure management information system based on GIS: a case study of Gugong Date Garden in Hebei province** [6754-114]
S. Shen, R. Li, D. Shen, C. Tong, X. Fu, Hebei Normal Univ. (China)
- 6754 38 **An overview of the methods of GIS-based land-use suitability analysis** [6754-115]
J. Yang, Y. Liu, S. Wang, Nanjing Univ. (China)
- 6754 39 **Research on comprehensive evaluation to land consolidation supported by GIS: a case study of Shaoshan city in Hunan province** [6754-116]
S. Wang, M. Li, M. Su, Nanjing Univ. (China)
- 6754 3A **Study on disparity of regional economic development based on geoinformatic Tupu and GWR model: a case of growth of GDP per capita in China from 1999 to 2003** [6754-117]
F. Li, M. Li, J. Liang, Nanjing Univ. (China)
- 6754 3B **Testing the spatial distribution of economic activity in Jiangsu province by means of spatial association methods** [6754-118]
Y. Ge, W. Wang, S. Zhang, Hohai Univ. (China); W. Yan, Nanjing Univ. of Technology (China)

- 6754 3C **Land reclamation information system of mining area based on GIS** [6754-119]
Q. Chen, Henan Polytechnic Univ. (China) and China Univ. of Mining and Technology (China); Z. Hu, China Univ. of Mining and Technology (China); C. Liu, J. Gu, Y. Wang, Henan Polytechnic Univ. (China)
- 6754 3D **Application of GIS in foreign direct investment decision support system** [6754-120]
J. Zhou, Huazhong Univ. of Science and Technology (China); K. Sun, Nanjing Institute of Technology (China)
- 6754 3E **Application GIS on university planning: building a spatial database aided spatial decision** [6754-121]
L. Miao, X. Wu, South China Agricultural Univ. (China); K. Wang, Y. Nong, Wuhan Univ. (China)
- 6754 3F **Design and realization of spatial information service system for government administration of natural disaster** [6754-122]
L. Wang, J. Liu, Y. Zhu, L. Shi, Chinese Academy of Surveying and Mapping (China)
- 6754 3G **A design of strategic alliance based on value chain of surveying and mapping enterprises in China** [6754-123]
H. Duan, X. Huang, Wuhan Univ. (China)
- 6754 3H **Research on the model of land resource optimal allocation based on land use niche** [6754-124]
Y. Yu, Wuhan Univ. of Technology (China); J. He, Wuhan Univ. (China) and Ministry of Education Key Lab. of Geographic Information System (China)
- 6754 3I **Investigation on the development of three-dimensional city models in decision making in urban design** [6754-125]
X. Zhang, Tsinghua Univ. (China); D. L. Cao, Orient Digital Express Network Co., Ltd. (China)
- 6754 3J **A spatial cluster method for prime farmland selection** [6754-126]
X. Zheng, China Univ. of Geosciences (China); W. Xiang, Univ. of North Carolina at Charlotte (USA); J. Dong, Shandong Normal Univ. (China); B. Zhong, Nanjing Univ. (China)
- 6754 3K **A route planning algorithm for the shortest distance based on the division road network** [6754-127]
J. Zhang, China Univ. of Mining and Technology (China); L. Li, National Geomatics Ctr. of China (China); L. Zhang, NavInfo Co., Ltd. (China); Y. Chen, China Univ. of Mining and Technology (China)
- 6754 3L **Government information resource catalog and its service system realization** [6754-128]
S. Gui, L. Li, H. Wang, Wuhan Univ. (China); Z. Peng, Shenzhen Information Ctr. for Urban Planning and Land Management (China)
- 6754 3M **The approach for shortest paths in fire succor based on component GIS technology** [6754-129]
J. Han, Hohai Univ. (China); Y. Zhao, Nanjing Municipal Bureau of State Land and Resources (China); K. W. Dai, Nanjing Normal Univ. (China)

- 6754 3N **An object-oriented model-base system frame** [6754-130]
L. Zhang, Institute of Remote Sensing Applications (China) and Graduate Univ. of Chinese Academy of Sciences (China); Y. Liu, Institute of Remote Sensing Applications (China); Z. Zhang, Nanjing Univ. (China); S. Yan, Institute of Remote Sensing Applications (China)
- 6754 3O **Optimal allocation model of construction land based on two-level system optimization theory** [6754-131]
M. Liu, Y. Liu, Wuhan Univ. (China); Y. Xia, South Digital Technology Co., Ltd. (China); Q. Lei, Wuhan Univ. (China)

Author Index

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Introduction

We are pleased to present the Proceedings of the 15th International Conference on Geoinformatics in 2007 (Geoinformatics 2007).

Since its inception in 1992, The International Association of Chinese Professionals in Geographic Information Sciences (CPGIS) has sponsored a series of International Conferences on Geoinformatics, which has enhanced academic exchange and fostered friendship and collaboration among professionals and practitioners worldwide. After successful conventions of Geoinformatics 2006 in Wuhan, China, and Geoinformatics 2005 in Toronto, Canada, Geoinformatics 2007 in Nanjing, China, this year was also highly successful. It was organized by the Department of Geographic Information Science and International Institute of Earth System Science at Nanjing University.

The conference this year was also part of the celebrations of the 50th anniversary of the cartography specialization at Nanjing University and the 15th anniversary of CPGIS. It covers a wide range of topics in theories, techniques and applications of geoinformatics, as well as new philosophical views on the future development of this discipline. Over 500 participants from more than 10 countries and regions made the Geoinformatics 2007 an exciting event.

The conference theme of Geoinformatics 2007 is "Cartography, Spatial Analysis and Visualization for Harmonious Society", which emphasizes the roles of geospatial information sciences in promoting the harmony in societies through informed land use decision making, effective visualization and analysis of spatial information in various sectors of a society, and developing new tools for integrated assessments involving multiple spatial information sources for various stakeholders, etc. This year, we received 805 abstracts, accepted 605 abstracts, and accepted 454 full papers for publication after a peer-review process. In total, 215 oral and 294 poster presentations were delivered in the conference. Through these presentations and various forums, the participants showcased their recent achievements and exchanged scientific ideas and technical skills in the field of geospatial information science. On behalf of the conference technical and local organizing committees, I would like to thank all participants in the conference and contributors to these proceedings. Your support made this year's conference a highly successful and memorable event. We sincerely hope that this momentum will continue into the future, and we count on your continued support.

Jingming Chen