

## **C.V. of Prof. Xueguang Ma**

Ph.D(SYSU,CHINA),Post-Doc(PKU,CHINA),Academic Visitor(Cplan, UK; UC Berkeley, USA)

Professor, School of International Affairs and Public Administration, Ocean University of China (OUC)

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### **Education Background**

1. 2003.09-2008.06, Ph.D on Urban Geography, Sun Yat-sen University
2. 2007.08-2008.03, Academic Visitor on Urban Studies, School of Urban and Regional Planning, Cardiff University, UK
3. 1998.09-2002.06, B.A on Mechanical Engineering and Automation, School of Mechanical Engineering, Shandong University of Technology

### **Career Experience**

1. 2019.01-,Professor, School of International Affairs and Public Administration, teaching and researching on Land Resource Management, Ocean University of China.
2. 2018.09-2018.12,Associate Professor, School of International Affairs and Public Administration, teaching and researching on Land Resource Management, Ocean University of China.
3. 2012.10-2018.09, Associate Professor, School of Law and Political Science, teaching and researching on Land Resource Management, Ocean University of China.
4. 2011.07-2012.10, Associate Researching Fellow, Urban Planning and Design School, teaching and researching on Urban and Regional Planning, Peking University.
5. 2010.03-2011.03, Academic Visitor, School of Urban and Regional Planning, teaching and researching on Urban Studies, Cardiff University, UK.
6. 2009.01-2011.06,Post-doc Research Fellow, College of City and Environmental Science, teaching and researching on Urban and Regional Planning, Peking University.
7. 2008.07-2008.12,Researching Assistant, School of Environment and City, teaching and researching on Urban and Regional Planning, Shenzhen Graduate School of Peking University.

## **Research Interests**

Urban, Regional and Marine Studies on Planning, Governance and Sustainability

1. Urban-Rural Planning and Regional Spatial Governance
2. Housing Policy and Land Development Management
3. Marine Spatial Planning and Coastal Zone Management

## **Personal Honor**

1. Excellent Talents of Ocean University of China
2. Excellent Thesis Instructor for Undergraduate Students of OUC
3. Prominent Teacher of Ocean University of China
4. Top-notch Personnel of Laoshan District, Qingdao City
5. High-level Professional of Shenzhen City
6. Excellent Teacher in Charge of a Class of Peking University

## **Selected Academic Funds**

1. State Social Science Fund of China-General Project: Rescaling of China Urban System in New Era under the View of New State Space Theory
2. State Natural Science Fund of China-General Project: Coordination Mechanism of Regional Spatial Production and Restructuring in Shandong Coastal Urban Belt under the View of Rescaling Governance
3. State Natural Science Fund of China-Young Scientist Project: Driving Mechanism of Land Use Spatial Restructuring of Urban-rural Fringe under the View of Space Production
4. Humanities and Social Sciences Fund of the Ministry of Education of China-General Project: Restructuring of Spatial Governance System across Boundary for Urban Agglomeration under the View of Rescaling Governance
5. Returned Overseas Chinese Scholars Fund of the Ministry of Education of China-Startup Project: Quantitative Measurement for Multi-centrality for Urban Agglomeration: a Case of Pearl River Delta
6. Shandong Provincial Natural Science Fund-General Project: Spatial Production Mechanism and Coordination Method of Allopatry Co-construction Industrial Park of Shandong Province, China.
7. Shandong Provincial Soft Science Research Fund-General Project: Coordination Mechanism between Spatial Structure and Spatial Policy for Shandong Peninsula Blue Economic Region.
8. Post Doctoral Research Fellow Fund of China-General Project: Synergistic Governance Mechanism for Land Use Redevelopment.
9. Humanities and Social Sciences Fund of Qingdao City-General Project: Pattern, Mechanism and Coordination Pathway of Land Use Conflicts in Qingdao Coastal Area.
10. Young Researchers Fund of Ocean University of China-Startup Project: Theory and Method in Marine Territorial Resources Management.
11. Undergraduate Students Training Project: Edition of the Book Marine Territorial

Resources Management.

12. Special Funds for Universities Subordinated Central Government: Operating Mechanism and Coordinating Pathway for Coastal Land Use Conflicts.
13. Special Funds for Universities Subordinated Central Government: Important Countries Researching along One Belt One Road Initiative-Sri Lanka.

### **Academic Rewarding**

1. *Land Use Conflicts and Spatial Production of Urban-Rural Frontier*, Nominating Awards for the 8th QIANXUESEN Golden Rewards on Urban Science
2. *Land Use Conflicts and Spatial Production of Urban-Rural Frontier*, the Third Class Social Science Research Achievement of Shandong Province
3. *Land Use Conflicts and Spatial Production of Urban-Rural Frontier*, the Third Class Social Science Research Achievement of Qingdao City
4. *Spatial Production and Governance across Boundary of Global City-regions*, the First Class Social Science Research Achievement of Qingdao City.
5. *Spatial Governance of Coastal City-regions*, the Second Class Social Science Research Achievement of Qingdao City
6. *Marine Talents Training System Establishment*, the Second Class Teaching Achievement of Shandong Province
7. *A Summary and Review of the Framework of New State Space*, the Third Class Social Science Research Achievement of Qingdao City

### **Representative Books**

1. *Shandong Peninsula Mega City-region Research*, Economic Science Press, Force Coming.
2. *Spatial Production and Governance across Boundary of Global City-regions*. Science Press, 2016.
3. *Spatial Governance of Coastal City-regions*, People Publishing House, 2015.
4. *Land Use Conflicts and Spatial Production of Urban-Rural Frontier*, Peking University Press, 2014.
5. *Marine City and Construction of Ecological Civilization*, People Publishing House, 2014.

### **Reprinted Papers by Rinmin University of China:**

1. A Summary and Review of the Framework of New State Space. *Reprinted Journal Papers of Geography by Rinmin University of China*, No.6, 2017.pp.3-13.
2. A Review of Overseas Research on Politics of Scale in Human Geography. *Reprinted Journal Papers of Geography by Rinmin University of China*, No.5, 2016.pp.86-95.
3. Production Strategy of Space under the National Strategy Region in the Perspective of Scale Rescaling: Based on the Analysis of the State-Level New Areas. *Reprinted Journal Papers of Regional and Urban Economy by Rinmin University of China*, No.8, 2015.pp.21-29.
4. Progress and Application Practice in European Polycentric City Region Studies.

*Reprinted Journal Papers of Geography by Rinmin University of China*, No.3, 2012, pp.109-116.

5. Study on Multi-stakeholders Governance of Institutional Eco-space in Metropolitan Urban-Rural Fringe: In the View of Policy Network. *Reprinted Journal Papers of Geography by Rinmin University of China*, No.6, 2011, pp.58-68.
6. The Development Process and Comparative Study of Urban Agglomeration Integration in China. *Reprinted Journal Papers of Regional and Urban Economy by Rinmin University of China*, forthcoming.

## **Main Research Fields and Selected Papers**

Prof. Xueguang Ma have published almost 100 papers in Chinese, all of these papers focus on 8 fields: Transportation, City Network, Land Development, Rural-urban Transformation, State Rescaling, Space Production, Spatial Governance and Marine Spatial Planning.

### **1. On Transportation and Spatial Restructuring**

[1] Urban Network Spatial Connection and Structure in China Based on Big Data Analysis of High-Speed Railway Transport Flow. *Economic Geography*, Vol.38. No.4, 2018, pp.55-64.

[2] Functional Polycentricity of the Urban Region in the Zhujiang River Delta Based on Intercity Rail Traffic Flow. *Scientia Geographica Sinica*, Vol.34. No.6, 2014, pp.648-655.

[3] Spatial Contact and Network Structure of Cities in Bohai Rim: Based on Railway Passenger Flow, *Economic Geography*, Vol.37. No.5, 2017, pp.66-73.

[4] Characteristics of Polycentricity Spatial Structure in Shandong Coastal City-region Based on Passenger Flow. *Modern City Research*, No.10, 2017, pp.101-109+11.

[5] Characteristics of Regional City Connection's Spatial Pattern Based on Intercity Passenger Traffic Flow in Pearl River Delta. *Economic Geography*, Vol.33. No.4, 2013, pp.48-53.

[6] Characteristics of Functional Polycentricity of PRD Urban Region Based on Passenger Traffic Flow. *Economic Geography*, Vol.33. No.11, 2013, pp.52-57.

[7] Study on Spatial Structure and Connection of Cities in China Based on Air Passenger Transport Flow. *Economic Geography*, Vol.38. No.8, 2018.

[8] Study on Spatial Scope of Shandong Peninsula Urban Agglomeration Based on Functional Interurban Connection. *Economic Geography*, under review.

[9] Study on Functional Polycentricity of Pearl River Delta Based on Passenger Traffic Flow. Prasad Yarlagadda, Yun-Hae Kim and Seung-Bok Choi (eds.). *Proceeding of 2015 4th International Conference on Energy and Environmental Protection*..Lancaster: DEStech Publications, Inc., 2015, pp.1342 -1346. (In English)

### **2. On City Connection and World City Network**

[1] Research Methods for World City Network and Relevant Inspirations.

- Progress in Geography*, Vol.31. No.2, 2012.pp.255-263.
- [2] Study on World City Network Theory within Global Space of Flow. *Economic Geography*, Vol.31. No.10, 2011.pp.1630-1637.
- [3] Progress and Application Practice in Western City Network Studies. *Urban Planning International*, Vol.27. No.4, 2012.pp.65-70,101.
- [4] Exploring for Functional Spatial Connection in Urban Agglomeration under the View of Flow Space. *Regional Economic Review*, No.5, 2017.pp.23-24.
- [5] Network Spatial Connection Structure of Chinese Cities Based on Bank Branches Data. *Progress in Geography*, Vol.36. No.4, 2017.pp.393-403.
- [6] Urban Network Spatial Connection and Structure in China Based on Big Data Analysis of High-Speed Railway Transport Flow. *Economic Geography*, Vol.38. No.4, 2018.pp.55-64.
- [7] Study on Spatial Structure and Connection of Cities in China Based on Air Passenger Transport Flow. *Economic Geography*, Vol.38. No.8, 2018.online.
- [8] Pattern, Structure and Function of China's Logistics Network Based on Express Waybill Data: A Case Study of ZJS Express. *Scientia Geographic Sinica*, 2018.Force coming.
- [9] Spatial Contact and Network Structure of Cities in Bohai Rim: Based on Railway Passenger Flow, *Economic Geography*, Vol.37. No.5, 2017.pp.66-73.
- [10] Functional Polycentricity of the Urban Region in the Zhujiang River Delta Based on Intercity Rail Traffic Flow. *Scientia Geographic Sinica*, Vol.34. No.6, 2014.pp.648-655.
- [11] Spatial Pattern of Regional City Network Based on International Advanced Producer Services' Layout in Pearl River Delta. *Economic Geography*, Vol.32. No.4, 2012.pp.50-54.
- [12] Characteristics of Functional Polycentricity of PRD Urban Region Based on Passenger Traffic Flow. *Economic Geography*, Vol.33. No.11, 2013.pp.52-57.
- [13] Characteristics of Regional City Connection's Spatial Pattern Based on Intercity Passenger Traffic Flow in Pearl River Delta. *Economic Geography*, Vol.33. No.4, 2013.pp.48-53.

### **3. On Land Development and Land Use Conflicts**

- [1] Study on Land Use Conflicts during Urban Spatial Reconstruction Process: a Case of Guangzhou City. *Human Geography*, Vol.25. No.3, 2010.pp. 72-77.
- [2] Research on the Evaluation of Land Use Efficiency in Shandong Coastal Urban Belt. *Journal of Qingdao University of Science and Technology (Social Sciences)*, Vol.33. No.1, 2017.pp.9-15.
- [3] Land Use Conflicts and Their Governance Mechanics on Actors Network Theory: a Case of Fruit Tree Protection Zone of Haizhu District, Guangzhou City. *Scientia Geographic Sinica*, Vol.30. No.1, 2010.pp. 80-85.
- [4] The Spatial-temporal Dynamics of the Land Urbanization Level in China Based on Nighttime Light Data. *Human Geography*, Vol.30. No.5, 2015.pp. 91-98.
- [5] Review and Prospect on the Synergy Governance Mechanics of Urban Land Redevelopment in the Social and Economic Transitional Period. *Planner*, Vol.26.

No.10, 2010.pp.103-107.

[6] Urban-region Intensive Land-use Evaluation and its Influential Factors: a Case Study of Pearl River Delta. *Scientific and Technological Management of Land and Resources*, Vol.32. No.1, 2015.pp.13-20.

[7] Estimating Land Use Intensity Features for Pearl River Delta Urban Agglomeration Using AHP Method. *China Population, Resources and Environment*, Vol.23. No.11, 2013.pp.134-137.

[8] Dilemmas Between the Protection of Lung and Stomach: Land Use Conflicts in Rapid Urbanization Process of Pearl River Delta. In: Wang J., Ding Z., Zou L., Zuo J. (eds) *Proceedings of the 17th International Symposium on Advancement of Construction Management and Real Estate*. Springer, Berlin, Heidelberg.2014.pp.225-232.(In English)

#### **4. On Chengzhongcun Community and Rural-Urban Transformation**

[1] Land Expropriation Conflicts in Socio-Spatial Transformation on Urban Fringes. *Planner*, Vol.27. No.3, 2011.pp.61-65.

[2] Study on the Characteristics and Regulatory Approaches of Property Oriented Economy of Transitional Community in the Pearl River Delta. *Economic Geography*, Vol.31. No.5, 2011.pp. 773-780.

[3] Review on the Study of Driving Mechanism in Urban-rural Fringe Spatial Reconstruction. *Special Zone Economy*, Vol.28. No.10, 2012.pp.251-254.

[4] Study on Multi-stakeholders Governance of Institutional Eco-space in Metropolitan Urban-Rural Fringe: In the View of Policy Network. *Geographical Research*, Vol.31. No.8, 2011.pp.1215-1226.

[5] Formation and Governance of Informality in Urban Village Under the Rapid Urbanization Process. *Economic Geography*, Vol.34. No.6, 2014.pp.162-168.

[6] Study on Optimized Approaches of Urban Villages in Shenzhen City. *Special Zone Economy*, Vol.26. No.4, 2010. pp.16-19.

#### **5. On Scale Politics and State Rescaling Governance**

[1] A Summary and Review of the Framework of New State Space. *Human Geography*, Vol.32. No.3, 2017.pp.1-9.

[2] A Review of Overseas Research on Politics of Scale in Human Geography. *Human Geography*, Vol.31. No.2, 2016.pp.6-12.

[3] Study on Overlap of Spaces and its Corresponding Institutional Patterns in Politics of Scale: a Case Study of Shenzhen-Shanwei Special Cooperation Zone. *Human Geography*, Vol.32. No.5, 2017.pp.56-62.

[4] The Production and Restructuring of Interurban Cooperative Space: From the Perspective of Territory, Network and Scale. *Progress in Geography*, Vol.36. No.12, 2017.pp.1510-1520.

[5] Strategic and Institutional Construction of Marine National Strategic Region Based on Rescaling: A Case Study of Shandong Peninsula Blue Economic Zone *Economic Geography*, Vol.36. No.12, 2016.pp.8-14.

[6] Study on Rescaling and Its Territorial Regulatory Practices within Global

Restructuring, *Areal Research and Development*, Vol.36. No.2, 2017.pp.1-6.

[7] Production Strategy of Space under the National Strategy Region in the Perspective of Scale Rescaling: Based on the Analysis of the State-Level New Areas. *Economic Geography*, Vol.35. No.5, 2015.pp.1-8.

## **6. On Space Production and Spatial Political Economy**

[1] Study on the Social Production of Unit-system Urban Space: a Case of Guangzhou City. *Economic Geography*, Vol.30. No.9, 2010.pp.1456-1461.

[2] Study on the Social Production of Villages in City and Their Governance Mechanics: a Case of Haizhu District of Guangzhou City. *Urban Studies*, Vol.17. No.1, 2010. pp.126-133.

[3] Study on the Social Production of Urban Residential Space in the Transitional Stage: a Case of Guangzhou City. *Acta Scientiarum Naturalium Universitatis Sunyatseni*, Vol.49. No.5, 2010. pp. 122-127.

[4] Study on the Evolution of Urban Space Production Patterns Based on Growth Network: the Transitional Process from Planned Economy to Socialism Market Economy. *Economic Geography*, Vol.29. No.11, 2009.pp. 1827-1832.

[5] Study on the Spatial Production of Urban Renewal in China: A Case of Shanghai Xintiandi Square. *Urban Studies*, Vol.18. No.10, 2011.pp.84-89.

[6] Study on Urban Spatial Resources Configuration: A Viewpoint of Power. *Planner*, Vol.24. No.1, 2008.pp.77-82.

## **7. On Urban and Regional Spatial Governance**

[1] Network Governance for the Growth of City-regions. *Urban Problem*, No.8, 2011.pp.72-76.

[2] From Decentralization to Governance across boundary: Study on the Transformation of Local Government Governance Methods in China. *Geography and Geo-information Science*, Vol.24. No.1, 2008.pp.49-55.

[3] Progress and Application Practice in European Polycentric City Region Studies. *Scientia Geographica Sinica*, Vol.31. No.12, 2011.pp.1423-1429.

[4] Polycentric Governance of Urban Space in America Under Smart Growth Policy. *Scientia Geographica Sinica*, Vol.37. No.5, 2017.pp.672-681.

[5] Study on the Collaborative Regional Governance Model in the Construction of Cross-boundary Industrial Park-Evidence from Shenzhen-Shanwei Special Cooperation Zone. *Scientia Geographica Sinica*, Vol.38. No.9, 2018.pp.1466-1474.

[6] Study on Regional Spatial Polarization, Regional Imbalance and Functional Complementary in Coastal Megalopolis of China. Yuzhe Wu et al (eds.). *Proceedings of the 20th International Symposium on Advancement of Construction Management and Real Estate*. Springer Science+Business Media Singapore, 2017, pp.445-450. (In English)

## **8. On Marine Spatial Planning and Coastal Zone Management**

[1] The Realization of Marine Spatial Planning and Its Research Trends. *Journal of Zhejiang Ocean University(Humanities Science)*, Vol.34. No.3, 2017.pp.17-26.

- [2] Temporal-spatial Differences Research on the Influence of Marine Industrial Structure Change to Marine Economy Growth. *Regional Economic Review*, No.5, 2017.pp.94-102.
- [3] Strategic and Institutional Construction of Marine National Strategic Region Based on Rescaling: A Case Study of Shandong Peninsula Blue Economic Zone *Economic Geography*, Vol.36. No.12, 2016.pp.8-14.
- [4] Spatial distribution of marine invasive species in the large marine ecosystems of China. *Marine Environmental Science*, Vol.34. No.3, 2015.pp.347-353.
- [5] Study on Regional Spatial Polarization, Regional Imbalance and Functional Complementary in Coastal Megalopolis of China. Yuzhe Wu et al (eds.). *Proceedings of the 20th International Symposium on Advancement of Construction Management and Real Estate*. Springer Science+Business Media Singapore,2017,pp.445-450. (In English)
- [6] Advice on Coastal Spatial Governance of Qingdao City. Baojun Tong (Edt.) *Qingdao Think Tank Annual Report 2017*. Ocean University Press.2017.pp. 221-233.
- [7] Review on Coastal Land Use Conflicts by CiteSpace. *China Ancient City*, No.10, 2017.pp.42-50.
- [8] Study on the Spatial Conflicts and its Governance of Qingdao Coastal Zone. *Journal of Qingdao University of Science and Technology (Social Sciences)*, Vol.33. No.3, 2017.pp.13-20.