

Regional Economics Application Laboratory

(China REAL)

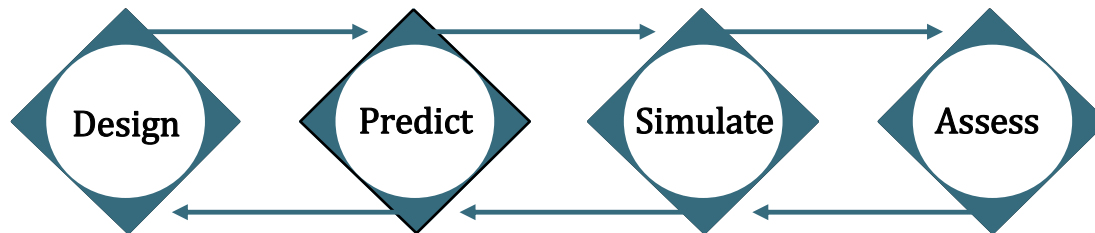
Nankai University, China

1. Main Objectives

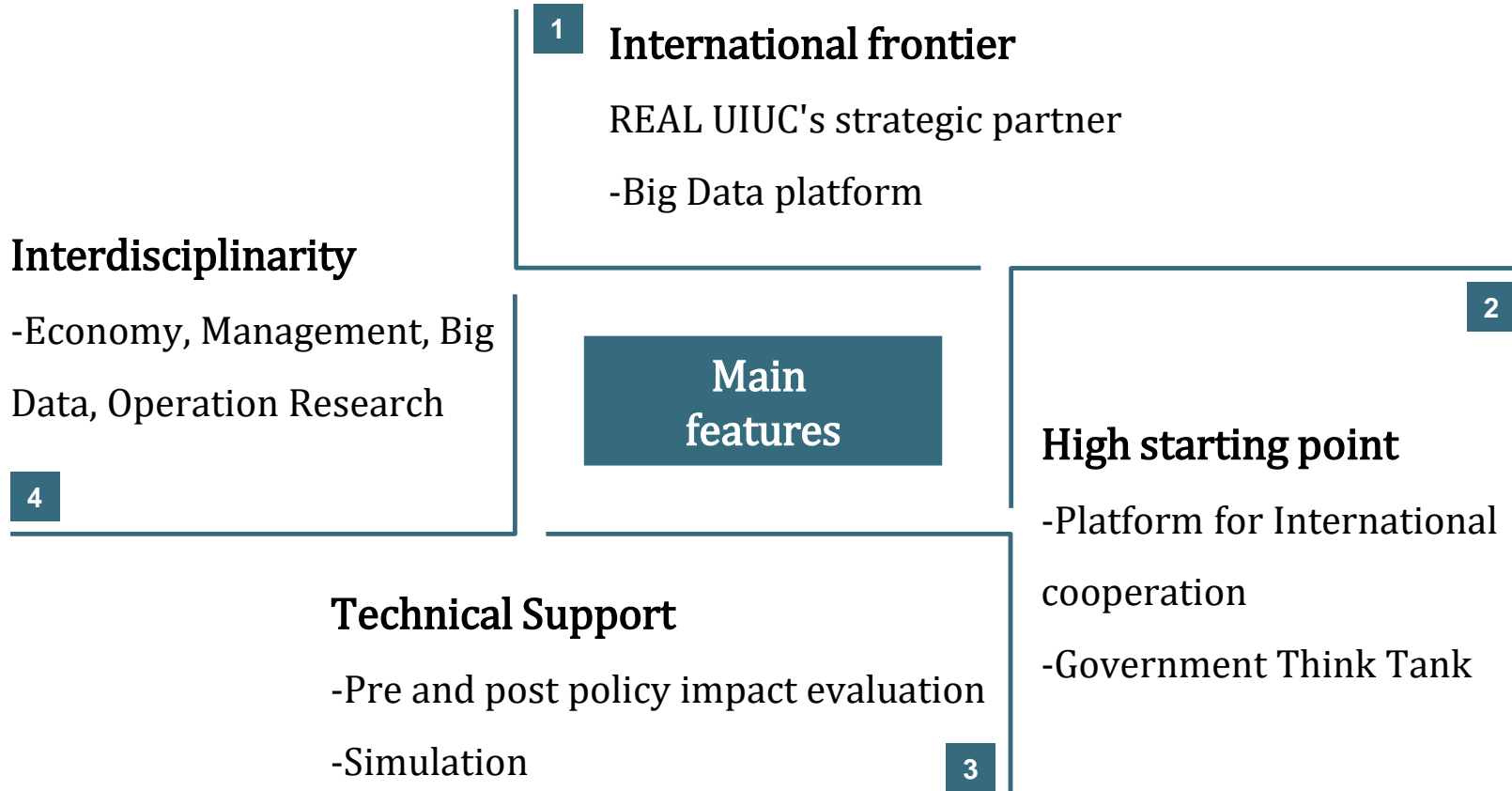
We aspire to become a

- Famous institution in the innovation of China's regional policy theories
- Leading think tank on China's regional policies
- Highly internationalized exchange platform for Regional Economics
- Base for talents cultivation on Regional Economics

Functions



2. Main features



3. Regional Policy Database

- **Our web portal** (<http://chinareal.nankai.edu.cn/>) is available online.
- **Research Frontiers:**
 - 300 articles (domestic publications)
 - 1000 articles (international publications)
- **Policy Overview:**
 - Six different categories.
 - More than 2800 articles (published in the last 20 years).
- **Research Team and Research Outputs: Marketing and Publicity**

**The most authoritative database on
China's regional policy research**



4. Urban Big Data and Cloud Computing Platform

<http://www.nku-chinareal.com/> is online.

- **Core functions:** design, predict, simulate and assess
- **Data assets:** statistical data, Big Data
- **Data analysis:** modular (in continuous update)
 - Spatial distribution of industries
 - Innovation networks and knowledge spillovers
 - Traffic development and Urban Economy
 - Regional industry linkage

Cloud-based laboratory platform for
Regional Economy



Urban Big Data

- **Microdata overview:**
 - Data from 85 major cities in China
 - 12 major categories, 100 indicators
 - **Microdata categories:**
 - corporate information
 - land prices
 - projects under construction
 - wage and employment
 - transportation (travel behavior)
 - land prices
 - urban planning
 - public facilities
 - housing supply
 - educational institutions
 - public transport
 - leisure and entertainment
 - government agencies
 - environmental conditions.
-
- Data collected in October 2017 (updated every six months).
 - The combination of Microdata with Macro Statistics constitutes the core of our information system.

Cloud Computing Platform

- **Functions:**
 - Data Query
 - Data Visualization
 - Machine Learning Algorithms
 - Statistical Models
 - Econometric Models
 - Policy Consultation
 - Academic Research
- Users can develop analytical tools to evaluate and simulate regional policies.

5. Our Team: Full-Time Faculty



Liu Binglian, PhD

Professor

Research Expertise: Regional Industry Analysis, Regional Policy and Planning



Bai Xuejie, PhD

Professor

Research Expertise: Industrial Economics, Industrial Efficiency Analysis

5. Our Team: Full-Time Faculty



Li Lanbing, PhD

Professor

Research Expertise: Regional Economic Development and Policy; Regional Industrial Analysis and Planning; Regional Economic Growth Efficiency



Wang Yan, PhD

Professor

Research Expertise: Regional Economic Analysis, Regional Industrial Analysis

5. Our Team: Full-Time Faculty



Du Chuanzhong, PhD

Professor

Research Expertise: Industrial Economics, Government Regulation and Antitrust



Pang Ruizhi, PhD

Professor

Research Expertise: Regional Industry Analysis, Industrial Organization, Industrial Efficiency

5. Our Team: Full-Time Faculty



Zhou Mi, PhD

Associate Professor

Research Expertise: Regional
Economics, Regional Innovation
System



Wang Jiating, PhD

Associate Professor

Research Expertise:Regional
Economics, Land and Real Estate
Economics, Regional Education
Development

5. Our Team: Full-Time Faculty



Guo Qi, PhD

Assistant Professor

Research Expertise: Regional Economic Development, Industrial Localization Geography, Industrial Linkage



Zhou Yulong, PhD

Assistant Professor

Research Expertise: Regional Policy Evaluation, Urban Economic Development and Poverty Alleviation

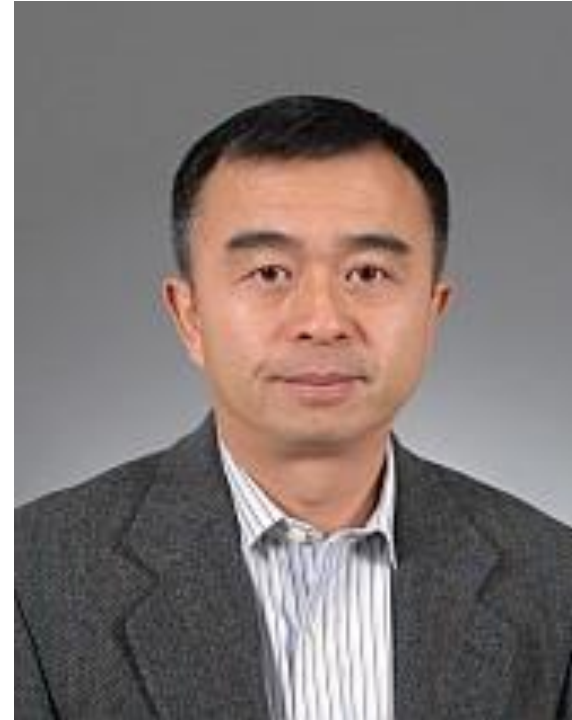
5. Our Team: Part-Time Faculty



Hao Shouyi, PhD

Professor

Research Expertise: Regional
Economics



Yan Jia, PhD

Professor

Research Expertise: Regional
Development and Policy, Regional
Transport, Applied Econometrics

5. Our Team: Part-Time Faculty



Geoffrey J.D. Hewings, PhD

Professor

Research Expertise: Urban and
Regional Analysis, Inter-Regional
Economic Systems



Feniosky A. Peña-Mora, Sc.D.

Professor

Research Expertise: Sustainable
Urbanization

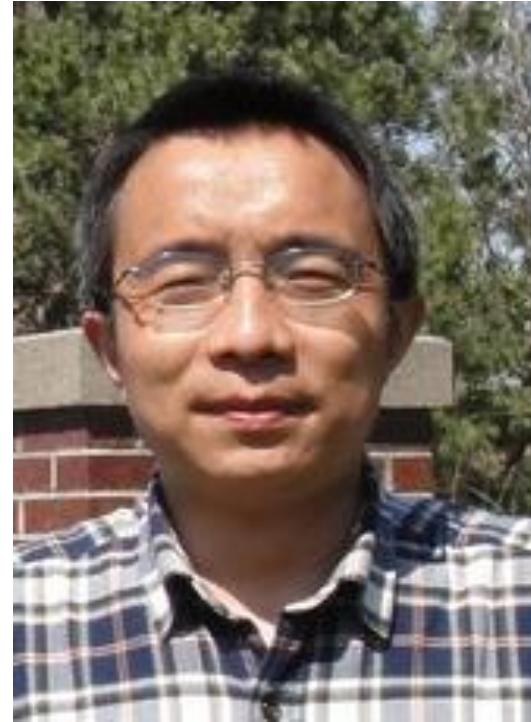
5. Our Team: Part-Time Faculty



Hong Junjie, PhD

Professor

Research Expertise: Regional Industry Cluster, International Trade and Regional Integration



Huang Jiuli, PhD

Professor

Research Expertise: World Economy, Regional Integration

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