

# RUI PAN

Phone: +81-(0)80-9634-2666 E-mail: [pan@se.is.tohoku.ac.jp](mailto:pan@se.is.tohoku.ac.jp)

Socio-Economic Analysis of Urban System, Graduate School of Information Science, Tohoku University,  
Aobayama 6-3-09, Sendai, Japan

## EDUCATION

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### Tohoku University

Sendai, Japan

#### Doctor of Philosophy

expected September 2023

- Research interests: international trade, spatial economics, economic theory, market distortions, environmental policy, minimum wages, profit shifting, tax competition, tax haven
- Dissertation: “*General-equilibrium studies on minimum wages, tax avoidance, and international trade.*”
- Advisor: Dao-Zhi Zeng

#### M.A., Information Science

March 2019

- Thesis: “*An analysis of tax competition and social welfare with and without tax haven.*”
- Advisor: Dao-Zhi Zeng

### Chongqing University

Chongqing, China

**B.A., Management** concentration in Marketing

June 2016

**B.A., Economics** concentration in International Economics and Trade

June 2016

## PUBLICATIONS AND PREPRINTS

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3. **The Effect of Trade Liberalization on Tax Avoidance** (joint with Dao-Zhi Zeng). Revised and Resubmitted to *International Journal of Economic Theory*.
2. **Carbon Tax vs. Emission Trading in a Monopolistically Competitive Market with Heterogeneous Firms** (joint with Kefu Lin, Dao-Zhi Zeng). Revised and Resubmitted to *The Annals of Regional Science*.
1. **Goods-market Desirability of Minimum Wages** (joint with Dao-Zhi Zeng). Submitted to *Economica*.

## WORKING IN PROCESS

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Welfare Impact of Profit Shifting in an Open Economy. (joint with Dao-Zhi Zeng)

The Impact of Trade on the Efficiency of Minimum Wages. (joint with Yihao Liu, Dao-Zhi Zeng)

## CONFERENCE PRESENTATIONS

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**Rui Pan** and Dao-Zhi Zeng. 2019. Tax competition and social welfare with and without tax haven. The 9th Asian Conference in Regional Science, April 20-21, Shanghai, China.

**Rui Pan** and Dao-Zhi Zeng. 2019. Tax competition with and without tax haven. The Applied Regional Science Conference 32th Annual Meeting, November 23rd-24th, 2019, Saga, Japan.

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<sup>1</sup>Updated April 28, 2023

**Rui Pan** and Dao-Zhi Zeng. 2022. Goods-market Desirability of Minimum Wages. The 11th Spring Meeting of the Japan Society of International Economics, June 4th, 2022, Hirosaki, Japan.

**Rui Pan** and Dao-Zhi Zeng. 2022. The effect of trade liberalization on tax avoidance. The Applied Regional Science Conference 36th Annual Meeting, December 17th-18th, 2022, Kofu, Japan.

## TEACHING EXPERIENCE

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### Tohoku University

- *Teaching Assistant:* Game Theory (Spring 2019, 2022).
  - Taught one section on applications of Game Theory
- *Teaching Assistant:* Seminar on Human-Social Information Sciences (2019-2022)
  - Provided guidance and assistance to master's level students with their theses.

## RESEARCH EXPERIENCE

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**Tohoku University**, Graduate School of Information Science, Sendai, Japan

*Research Representative* of student research project “Trade, Tax Haven and Social welfare,” 2019-2020

**Tohoku University**, Graduate School of Information Science, Sendai, Japan

*Research Assistant* to Professor Dao-Zhi Zeng in a research on trade theory, 2019-2022

- Conducted research on the market distortions in the general equilibrium models with variable elasticity of substitution utility function.

*Research Assistant* to Professor Masaaki Higashijima in a research project on political science, 2017-2018

- Gathered and organized data on election results and political parties in various countries

**Keio University**, Japan

*Research Assistant* to Professor Yuko Kasuya for collecting data on the forms of independence movements in developing countries, 2018-2019

- Reviewed English-language resources and research materials that explain each country's independence period, and coded the information gathered.

**Chongqing University**, China

*Research Assistant* to Professor Litai Chen in a research project on urbanization of the Yangtze River Economic Belt, 2015-2016

- Collected financial data of cities in the Yangtze River Economic Belt.
- Constructed a composite index to measure the level of financial markets development of those cities.

## PROFESSIONAL ASSOCIATIONS

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Regional Science Association International

The Applied Regional Science Conference (Japan)

Japan Society of International Economics

## AWARDS

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| • Kamei Memorial Foundation Scholarship     | 2019-2022 |
| • Tohoku University Global Hagi Scholarship | 2019-2022 |

## ADDITIONAL INFORMATION

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- *Citizenship*: Chinese
- *Language*: Chinese (native), Japanese (fluent), English (proficient).
- *Computer Skills*: LATEX, Wolfram Mathematica, Microsoft Office, R, Python (learning).

## REFERENCES

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Dao-Zhi Zeng, Ph.D.  
Professor  
Graduate School of Information Science  
Tohoku University  
Aobayama 6-3-09,  
Sendai 980-8579, JAPAN  
[zeng@se.is.tohoku.ac.jp](mailto:zeng@se.is.tohoku.ac.jp)

Tatsuhito Kono, Ph.D.  
Professor  
Graduate School of Information Science  
Tohoku University  
Aobayama 6-3-09,  
Sendai 980-8579, JAPAN  
[kono@tohoku.ac.jp](mailto:kono@tohoku.ac.jp)

Ryo Itoh, Ph.D.  
Associate Professor  
Graduate School of Information Science  
Tohoku University  
Aobayama 6-3-09,  
Sendai 980-8579, JAPAN  
[ito@se.is.tohoku.ac.jp](mailto:ito@se.is.tohoku.ac.jp)