

HULAI ZHANG

Contact Information:

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Education:

London School of Economics 2016 - 2017
M.S. in Economics

Peking University 2012 - 2016
B.S. in Geology with GPA 85.08/100
B.A. in Economics with GPA 85.70/100
Exchange at Stony Brook University with GPA 3.92/4.00

Honors, Scholarships, and Fellowships:

2015 Institutional Exchange Program Fellowship, Stony Brook University
2013 - 14 Academic Excellence Award, Peking University
2012 - 13 May Fourth Scholarship, Peking University
2013, 14, 15 Geology Scholarship, Peking University

Relevant Positions:

2016 Data Analyst, Q-park (China) Ltd.
2015 Data Analyst, China Health and Retirement Longitudinal Study (CHARLS)
2014 - 15 Researcher in President Research Project, Peking University

Technical Strengths:

Proficient Python, STATA, and \LaTeX
Basic R, SQL, Matlab, and C

Research Papers:

Redistribution Effect and Pension Choice: Theory and Evidence

Abstract: This paper focuses on two issues, of which the first is about the factors influencing pension choice, and the second concerns the redistribution effects of the pension system in China. By examining the features of individual, family, and work, we find that the individual features such as hukou, gender, and education, family features like marital status, and features of work like type have significant impacts on the choice of pensions. Consistency of behavior on pensions widely exists within a family. Not only do the behaviors of pension within a family remain consistent, but education and physical health impact on each other's pension behavior. These results verify our model which includes the trade-offs of relative financial benefits and risks provided by various plans, as well as the accessibility to specific pension plans and accessibility to information of pensions. Finally, we take the Newly Rural Social Pension (NRSP) as an example. Redistribution effects are found between people with different income, and between genders as well. Our results show that wealth is transferred from people with higher income to those with lower income, from male to female. [\[Request\]](#)

Agricultural Acreage Expansion, Population Growth, and Environment Change: Evidence from Guangxi Province of China

with Chuyuan Zhou, and Jian Mao

Abstract: Population growth has a significant explanation of agricultural acreage expansion using simple linear model. Adding precipitation into models as a channel variable, the impact of population on acreage can be extracted by the channel of the environment, specifically precipitation. Population growth causes the environmental degradation, such as lowering down the precipitation, which finally puts pressure on agricultural acreage expansion. But the low R-squares illustrate that population, by itself, and in concert with precipitation, can explain the limited amount of the variability of agricultural acreage expansion and there may exist other variables influencing agricultural acreage expansion. Finally, precipitation is used as an instrument variable to estimate the effect of population growth on acreage expansion. But the results are not fully up to expectations. [\[Request\]](#)

Efforts in Geology/Geochemistry:

Genesis of Rhyolite from the Carboniferous Benbatu Formation, Inner Mongolia, and its Numerical Simulation

Supervised by Prof. Qiugen Li

Introduction: A thermodynamic model was introduced to simulate the evolution of magma and Rhyolite, an igneous rock. The thesis modified previous models and made it simpler to be applied to Oxygen-open system. [\[Link\]](#)

A Stochastic Model to Simulate Stromatolites Morphology and its Environment

with Heng Zhang, Songyin Liu, and Yongrui An

Introduction: A stochastic model from Kardar-Parisi-Zhang equation was developed to describe the relationship between stromatolites morphology, sunlight, and sedimentation. Data from Hubei province proved the model's feasibility.

Experience:

Volunteer, 2015 New York City Marathon

Volunteer, Asian Hotel Forum: International Hotel Investment Summit

Representative, Eighth Annual Forum of Asian Future Political Leaders Association

Individual Information:

Citizenship China

Gender Male

Languages English (fluent) and Chinese (native)