### Research on the Economic Impact of Expansion Policies in the Yangtze River Delta

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#### Abstract

At the end of 2019, the Central Committee of the Communist Party of China and the State Council announced in the "Outline of the Yangtze River Delta Regional Integration Development Plan" that the Yangtze River Delta region will be expanded again. This unprecedented large-scale expansion has completely incorporated 16 cities in Anhui Province into the Yangtze River Delta planning system, making Anhui Province has ushered in new opportunities and challenges. The expansion of the Yangtze River Delta has a significant impact on the economy, politics, and culture of the urban agglomeration, and has a significant positive impact effect, which makes the promotion of the expansion policy of the Yangtze River Delta of great significance.

#### Key words

#### Expansion of The Yangtze River Delta; Common Prosperity; Economic Impact

#### 1. Research Background

In order to effectively promote the implementation of the "Planning Outline", the Anhui Provincial People's Government issued the "Action Plan for the Implementation of the Yangtze River Delta Regional Integration Development Plan in Anhui Province" in early 2020 based on the actual development of Anhui Province's politics, economy, and culture. The 9 major strategic tasks have been detailed and implemented, 216 key tasks and 30 major projects. At the same time, Anhui Province insists on the leading role of Shanghai. The development of emerging industries, while always adhering to the green development path, promoting the deep integration of urban and rural areas, and narrowing the gap between urban and rural areas, so as to promote the high-quality economic development of the entire Anhui Province, and strive to create a new situation in the construction of the five major developments of modernization and beautiful Anhui. At the beginning of 2022, the "Key Points of Anhui Province's Work in Promoting the Integrated Development of the Yangtze River Delta in 2022" was issued. The document indicates that Anhui Province will focus on eight major areas, including regional coordination, scientific and technological innovation, cooperation and opening up, urban development, infrastructure construction, and convenient sharing of public services. Intensify efforts to further promote the smooth implementation of the integrated development strategy of the Yangtze River Delta. The continuous implementation of national policies shows that my country attaches great importance to the development of the Yangtze River Delta region, and also provides a solid political foundation for the development of the Yangtze River Delta region.

#### 2. Literature review

As the forerunner and key policy of regional integration, the capacity expansion policy is a necessary means to break through the barriers of regional and municipal divisions, and it is also a key means to achieve common prosperity. Domestic and foreign academic research on

the regional integration of the Yangtze River Delta mainly focuses on the two aspects of environmental effects and economic development. Few scholars pay attention to the research on the impact of the expansion of the Yangtze River Delta on common prosperity, ignoring the internationalization of innovation-driven high-quality economic development. Under the current situation, the expansion policy of the Yangtze River Delta has a major impact on common prosperity. Liu Naiquan et al. (2017) found that the expansion of the Yangtze River Delta in 2010 has a positive effect on the economic growth of the entire urban agglomeration; Zhao Lingdi (2019) pointed out that the integration of the Yangtze River Delta should aim at the two-dimensional integration of the economic environment, and the formulation and implementation of expansion policies The coordinated development of the economic environment should be fully considered. It can be seen from the above scholars' research on the expansion of the Yangtze River Delta that most scholars regard the expansion of the Yangtze River Delta as a quasi-natural experiment, using qualitative or quantitative analysis methods to study the economic development and environmental effects of the expansion of the Yangtze River Delta. This topic is based on the research results of various scholars, combined with the expansion policy of the Yangtze River Delta under the background of the new era, explores the path of common prosperity from multiple perspectives such as politics, economy and culture, and draws scientific conclusions.

### 3. Difficulties in the integration of expansion policies and urban development in the Yangtze River Delta-pain points

At present, 40 years have passed since the reform and opening up. After 40 years of development, the development of the Yangtze River Delta region has made many achievements in various fields such as textile materials, automobiles, artificial intelligence, and biopharmaceuticals. It has also formed a considerable scale, but the development of these industries can only be said to have a considerable status in China. However, compared with world-class industrial clusters, the industrial development of the Yangtze River Delta still has many shortcomings. These problems lead to long-term development. The gap between the development of triangular industries and world-class industries is still very obvious. There are many factors that restrict the development of the industry. The following are the four aspects of population, economy, society and ecology.

#### 3.1. **Accelerated population growth**

The population problem is an important issue in urban development. The economic development of a city must be based on a certain amount of labor force, so the urban development will inevitably face the population problem. As a member of urban residents, we are both producers and consumers. During the integrated development of the Yangtze River Delta region, many employment opportunities have been created and a large number of labor forces outside the Yangtze River Delta region have been attracted. The large influx of labor forces has led to the rapid development of the Yangtze River Delta economic circle, and the current economic aggregate has even ranked first in the country. However, the rapid economic development has also gradually revealed the population problem. As more and more people work and settle in the Yangtze River Delta region, the environmental capacity of the region has declined rapidly, and the rapid growth of population has caused a series of problems in housing, medical care, education and other aspects. Because the migrant population needs a house to live in when they come to work in the Yangtze River Delta region, and if the existing houses are not enough, they need to requisition cultivated land for real estate development. When people's employment is stable, most of the labor force will choose to settle in the Yangtze River Delta region, which is convenient for future development. Life and work will involve a series of education and medical problems. In addition, industrial development also requires a large

amount of land to build factories. Coupled with the pollution problems in the process of industrial development, the urban green area is gradually reduced, and the ecological environment is getting worse. With the passage of time, the land with the same area needs to accommodate the exponentially increased population, resulting in more and more prominent urban population problems, thus hindering the further development of the city to a certain extent.

#### 3.2. The economy needs to be developed

Judging from the respective economic operations of Jiangsu, Zhejiang, Shanghai and Anhui in 2021, Shanghai will complete a GDP of 4,321.485 billion yuan in 2021, Jiangsu will complete 1,1636.42 billion yuan, Zhejiang will complete 7,351.6 billion yuan, and Anhui will complete 4,295.92 billion yuan. In 2021, the national GDP will be 114,367 billion yuan. Therefore, in 2021, the proportion of the GDP of the Yangtze River Delta to the national GDP is about 24.13%, 3.78% in Shanghai, 10.17% in Jiangsu, 6.43% in Zhejiang, and 3.76% in Anhui. From the data, we can see that Shanghai, as the only city in the Yangtze River Delta region with a GDP exceeding 4 trillion yuan, has an economic strength that is beyond the reach of other cities in the Yangtze River Delta; for Jiangsu Province, the GDP of the Yangtze River Delta region in 2021 will exceed There are a total of 8 trillion cities, and Jiangsu occupies 4 of them. Suzhou's total GDP in 2021 is 2,271.830 billion yuan, second only to Shanghai; Third, Hangzhou is at the forefront of the country in terms of medical care, education, and scientific research; finally, for Anhui Province, in 2021, only Hefei, with a GDP of 1,141.28 billion yuan, will become the only one in Anhui Province that ranks in the Yangtze River Delta. In addition to the top 10 prefecture-level cities, there are no cities from Anhui in the top 20.

#### 3.3. Uneven social development

There is a large gap in economic development in the Yangtze River Delta region. Generally speaking, as the leader in the development of the Yangtze River Delta region, the Shanghai region is far superior to other provinces in terms of economic quality. Zhejiang and Jiangsu rely on their own development advantages and the spillover effect of Shanghai's economic development, and their economic aggregates are also expanding. Anhui Province has joined the Yangtze River Delta for a relatively short period of time, and its economic development is relatively far behind that of Jiangsu, Zhejiang and Shanghai. Moreover, regional development imbalances not only occur among the three provinces and one city, but also within the three provinces and one city. The economic development of southern Jiangsu and northern Jiangsu, western Zhejiang and eastern Zhejiang, and southern Anhui and northern Anhui all have large differences in economic development. Unbalanced regional economic development will affect the healthy development of the Yangtze River Delta region's overall economy, and even intensify the conflicts between people in different regions, causing a series of social problems.

#### 3.4. Severe ecological situation

The Yangtze River Delta region is at the forefront of my country's urban development in terms of economic aggregate, degree of opening up, and technological innovation capabilities, and plays an important role in my country's development process. However, high development means high development, and economic development will inevitably lead to increasingly severe ecological environment in the Yangtze River Delta region. Even though environmental problems have been paid attention to, the mechanism for solving environmental problems between regions is still not perfect, and the environmental pollution problems of some cities still need to be solved.

# 4. The expansion policy of the Yangtze River Delta and the win-win situation of urban development—strategy

Many problems in the economic development of the Yangtze River Delta have hindered the further development of the Yangtze River Delta region to a certain extent. Based on the above research issues, we propose the following policies to help the expansion of the Yangtze River Delta under the background of our own knowledge and relevant data. Some suggestions to help cities develop and achieve win-win cooperation.

#### 4.1. Integrating population policy and economic development

Facing the population problem of rapidly growing urban population, the government needs to better integrate economic development and population policy. Behind the population problem is that the rapid increase of urban population has led to insufficient urban land, deterioration of the ecological environment, and increased demand for education and medical care, resulting in a rapid decline in the capacity of the urban environment. Therefore, in order to better resolve the contradiction between economic development and population growth, on the one hand, the government needs to formulate or improve a series of population policies suitable for local economic development, keep the population growth within the normal range, and ensure the local population. On the one hand, properly adjust the local housing, education, medical and health policies, so that residents can feel the dividends brought to them by economic development. In this way, the contradiction between urban economic development and population issues can be effectively alleviated, and the pressure on urban land can be alleviated without hindering the future economic development of the city.

#### 4.2. Coordinate regional economic development

In the process of developing the Yangtze River Delta region, it is necessary to adapt measures to local conditions and rationally arrange economic development work in light of its own political, economic, cultural and other actual conditions. At the same time, it must pay attention to the cultivation of local innovation capabilities and formulate relevant policies to attract foreign high-quality talents to develop local scientific and technological innovation fields. Enhance its own industrial level and find a path of economic development suitable for the local area. Secondly, the government needs to adhere to the thinking of coordinated development, gradually reduce the gap between urban and rural areas, encourage local rural revitalization and construction, increase farmers' income, and promote the overall development of cities. Finally, it is necessary to improve the industrial chain of industrial development. Only a relatively complete industrial chain can create more employment opportunities, better promote the rapid and healthy development of the local economy, improve policies to encourage the local industry to gradually develop into large-scale and factory-oriented, and eventually form A good situation of coordinated development and linkage between regions.

#### 4.3. Promote regional integration

The uneven development of cities between regions and provinces requires the government to strengthen the economic driving ability of the central city, properly adjust the regional development strategy, and use the radiation function of the central city to drive the economic development of the surrounding areas. Together, promoting the process of industrialization can also gather a large number of rural labor forces, drive the process of rural modernization, promote the rapid development of the rural economy, improve the living standards of rural people, and accelerate urbanization. For the development of the Yangtze River Delta region, it is necessary to promote the central radiation effect of the Shanghai region to drive the integrated development of the Yangtze River Delta region. According to the characteristics of each province and city, give play to the advantageous industries, accelerate the speed of

economic development, and drive overall prosperity. It can also allow some well-developed cities to help poorly developed cities, promote coordinated economic development between regions, make progress together, narrow the gap in regional economic development, and achieve common prosperity.

#### 4.4. Organic and unified production and living space

All provinces and cities should improve ecological and environmental protection policies, adhere to the national green development path, actively develop green agriculture, promote the transformation and upgrading of the agricultural industry, properly curb the development of high-consumption and high-pollution industries, promote industrial upgrading, and ensure the standard version of industrial pollution Individuals or units that damage the ecological environment need to be punished accordingly. For those counties with better ecological environment, it is more necessary to consolidate and improve the ecological environment policy, pay attention to overall planning, give full play to local advantages, and establish eco-friendly industries based on the original foundation and according to the local ecological environment, such as ecological agriculture, Sightseeing agriculture, ecological leisure agriculture, etc. Areas with good tourism resources can also establish leisure vacation bases or green agricultural and sideline product production bases to promote the organic unity of local production space and living space.

#### 5. Research conclusion

This topic focuses on the less-concerned issue of the impact of the expansion of the Yangtze River Delta on common prosperity. It examines the effectiveness of the policies for the expansion of the Yangtze River Delta region and studies the impact of the expansion policies of the Yangtze River Delta on common prosperity. At the same time, combined with the development experience of the Yangtze River Delta, Provide feasible suggestions for the development of other regions. In addition, in the process of investigation and research, team members used various methods to conduct some empirical analysis on the basis of their own basic theoretical knowledge. We gave some relevant suggestions based on our current strength on the basis of the research questions. Therefore, this study has both practical and theoretical significance.

### 5.1. Realistically feel the development achievements and enhance the awareness of the integration policy of the Yangtze River Delta

Through on-the-spot investigations and interviews, this research can truly feel the benefits brought by the integrated development policy of the Yangtze River Delta region, and read and search the relevant policies of the national government on promoting the high-quality integrated development of the Yangtze River Delta region on the Internet, which can give team members a deep understanding to the significance of the integrated development of the Yangtze River Delta. First of all, the integrated development of the Yangtze River Delta is an important driving force for China's economy to change from quantitative to qualitative. When China's economy is gradually shifting from high-speed development to high-quality development, the downward pressure continues to increase and the slow pace of transformation and upgrading seriously hinders China's economic development. Therefore, the Yangtze River Delta region, as a developmental center with a successful initial transformation and a good economic growth trend, urgently needs to play a leading and exemplary role as a regional center at this time, so as to drive economic growth and upgrading in a wider range of surrounding areas. Although there are other urban agglomerations in China besides the Yangtze River Delta region, these urban agglomerations cannot take on the important task of driving the rapid economic growth of the surrounding metropolitan areas due to the low degree of marketization or the increase of external uncertainties. Therefore, the integration of the Yangtze River Delta It has become an important subject to drive the economic development and transformation of surrounding areas. Secondly, the current regional structure of our country has gradually undergone some changes, and the situation of north-south differentiation is becoming more and more serious. Therefore, the overall adjustment of my country's economic regions can be summarized as the rise of the central region and the transformation of the eastern region. Looking at the current state of economic development in the Yangtze River Delta region, Anhui is the central part, and the Jiangsu, Zhejiang and Shanghai regions are the eastern part. Compared with the Jiangsu, Zhejiang and Shanghai regions, Anhui is relatively backward in development. Therefore, the integrated development of the Yangtze River Delta can be regarded as a small integrated development of the Middle East. Therefore, The regional integrated development of the Yangtze River Delta plays an important role in promoting and supporting the rise of the central region and the transformation of the eastern region, while the high-quality integrated development of the Yangtze River Delta is of great significance for China to deal with the increasingly serious problem of North-South differentiation.

### 5.2. Summarize the integrated development experience of the Yangtze River Delta and provide suggestions for the development of other regions

In the process of studying the integrated development of the Yangtze River Delta, we can find that among the many cities in the Yangtze River Delta region, there are cities that develop first and cities that develop later. The development of the Yangtze River Delta region is to develop some areas first and take the lead in piloting reform measures Work. From the perspective of our country's economic development at that time, our country's resources were limited and our country's strength was weak. The concept of reform measures was in line with my country's national conditions at that time. Of course, these advanced development areas also gradually released their huge productivity. For example, some cities in Shanghai were the first to reform at that time. They took the lead in grasping the general trend of industrialization encouraged by the state to develop cities. At the same time, it takes advantage of the advantages of the coastal areas to vigorously develop the city's foreign economic and trade. When various conditions are ripe, it follows the footsteps of the country and vigorously encourages innovation, insisting on continuous development in the field of scientific and technological innovation. Firmly grasping every development opportunity, Shanghai has now become an international metropolis, far ahead of other regions in the Yangtze River Delta. These firstdeveloped areas have laid a solid foundation for the realization of modernization. However, with the continuous expansion of the Yangtze River Delta region, the differences in political, economic, cultural and other aspects of development between cities are constantly emerging. There is a large gap in economic development among different provinces, and problems such as uneven distribution of resources in various provinces are gradually emerging. Therefore, the typical case of regional development integration in the Yangtze River Delta has played a great role in demonstrating the development of other urban agglomerations in China. Urban development must adhere to the system Thinking and coordinated development can take advantage of the advantages of the first-developed areas to drive the economic development of the surrounding areas, and then coordinate and link the first-developed areas and the laterdeveloped areas to provide important support for the further high-quality development of urban agglomerations and metropolitan areas, respecting the law of development, and jointly promote regional modernization.

# 5.3. Promote common prosperity in the new era and strive to solve the problem of unbalanced regional development

Common prosperity is the essential requirement of socialism in our country. Since the 18th National Congress of the Communist Party of China, in order to reduce the number of poor areas

and poor people in our country, our party has taken strong measures in all aspects, and used various methods to reduce the number of poor people. To reduce the burden of living, implement a relative subsidy policy for the poor to improve people's livelihood in our country. At present, our country has built a well-off society in an all-round way, and the level of comprehensive national strength has tended to be at the forefront of the world. This has created good conditions for our country to finally realize the ultimate goal of communism and common prosperity. In the Fifth Plenary Session of the Ninth Central Committee, new development goals were put forward. It is hoped that the living standards of all the people in our country can achieve more obvious and substantial progress, the income level of residents can be further improved, and people's lives will be more comfortable. Wealthy's goal steps forward. Therefore, the high-quality development of the integration of the Yangtze River Delta can not only enhance the economic strength of the Yangtze River Delta urban agglomeration and optimize the industrial structure, but also greatly enhance my country's economic strength, accelerate the pace of my country's realization of the goal of common prosperity, and solve the problem of unbalanced regional development for the country. Provide a demonstration role and provide a leading role for other regions in my country to jointly promote common prosperity.

## 5.4. Actively participate in research projects to improve college students' ability to think about social issues

In the process of social practice investigation, the team members go out of the campus and conduct study visits in person. Such social practice activities can allow us college students to continue to develop their own strengths, tap their own potential, and strengthen themselves in the process of communicating with others in the process of field research. Our sensitivity to information and the ability to collect information make us a better contemporary college student. In addition, the combination of theory and practice is also an important method to help us test the correctness of the truth we have learned. It is also the fine tradition and style of the party's theory and practice. Comb better values. Secondly, team members go into the society, conduct on-the-spot investigations, and communicate with others in the process of investigation and practice, which will help us get in touch with the society at close range and understand the society, which is of great significance for strengthening our own independence. Finally, college students take the initiative to participate in the investigation of the team's research results, and put forward relevant opinions on social issues based on their own understanding. These are of great significance for cultivating college students' awareness of social responsibility and deepening their understanding of social issues and even historical issues. A way of serving society.

### References

- [1] Tu Qingzhong. Theoretical Analysis and Empirical Research on my country's Export Tax Rebate Practice [D]. Doctoral Dissertation of China Agricultural University, 2004
- [2] Huang Xiaoyan. How does the local government enhance the competitiveness of the village-level collective economy?——Take Xiaoshan District, Hangzhou as an example [D]. Master's Thesis of Zhejiang Gongshang University. 2022
- [3] Shou Yiru. Research on the Impact of Tax Competition in the Yangtze River Delta Region on Market Integration [D]. Master Thesis of Shanghai Customs College. 2021
- [4] Xue Yongkang. Research on the supply of Yangtze River Delta integration policy under the framework of "goal-tool" analysis [D]. Master's Thesis of Nanjing University. 2020
- [5] Tang Zhihong. Optimization of a country's industrial structure under economic globalization [D]. Doctoral Dissertation of Sichuan University. 2005
- [6] Wu Han. Research on the development status and development trend of second-hand housing market in first-tier cities [D]. Master Thesis of Guangxi University. 2016

- [7] Huang Qunhui. The key connotation and significance of forming a new development pattern [N]. Economic Research Reference. 2020
- [8] Wang Jun, Li Yan. Research on the Differentiation of "Medical and Nursing Combination" Integrated Elderly Services in the Yangtze River Delta Region: Focusing on the Central City [J]. Journal of Changchun University, 2022, 32(07): 17-23.
- [9] Research Group of China Economic and Social Data Research Center, Tsinghua University, Xu Xianchun. The status quo and challenges of high-quality integrated development in the Yangtze River Delta [J]. Statistics Science and Practice, 2020, (11): 4-6.
- [10] Shao Hanhua, Wang Yao, Luo Jun. Regional Integration and Urban Innovation: A Quasi-Natural Experiment Based on the Expansion of the Yangtze River Delta [J]. Science and Technology Progress and Countermeasures, 2020,37(24):37-45.
- [11] Zhao Lingdi, Xu Le. Research on Water Pollution Effects of Regional Integration Based on Quasi-Natural Experiment of Capacity Expansion in the Yangtze River Delta [J]. China Population, Resources and Environment, 2019, 29(03): 50-61.
- [12] Liu Naiquan, Wu You. Can the expansion of the Yangtze River Delta promote the common growth of regional economy [J]. China Industrial Economics, 2017, (06): 79-97.