

Status of implementation of the tasks of socio-economic development in 2024 in Co to district, Quang Ninh province

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ABSTRACT: The district's socio-economic development in 2024 has shown remarkable progress, with an estimated economic growth of 15.7%. This study evaluates key economic sectors, including agriculture, industry, construction, and tourism, while also analyzing social welfare, environmental challenges, and infrastructure development. The research aims to identify growth drivers, assess policy effectiveness, and provide recommendations for sustainable development. The study employs a mixed-methods approach, combining quantitative data analysis and qualitative assessments. Primary and secondary data were collected from government reports, statistical databases, and field surveys. Key performance indicators such as GDP growth, sectoral contributions, investment capital, and tourism revenues were analyzed to assess the district's overall development. Findings indicate that the economic structure continues to shift towards services and tourism, accounting for 67.5% of the economy. The agricultural sector, while facing climate-related challenges, maintains stable production, whereas industrial and construction activities benefit from increased investment. Tourism has shown strong recovery, attracted 310,000 visitors and generating significant revenue. However, issues such as slow disbursement of investment capital, delayed infrastructure projects, and the impact of storm No. 3 on forest cover and agriculture remain challenges. The district's socio-economic development in 2024 demonstrates positive momentum, driven by tourism expansion and infrastructure investment. However, addressing environmental risks, improving investment efficiency, and strengthening policy implementation are crucial for sustained growth. The study provides strategic recommendations for policymakers to enhance economic resilience, environmental sustainability, and social well-being.

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I. INTRODUCTION

Socio-economic development is a key priority for local governments in fostering sustainable growth and improving the quality of life for residents [1], [2], [3]. In recent years, Co To has witnessed significant progress in economic restructuring, particularly in the expansion of the tourism and service sectors. The district's strategic location, natural resources, and government support have contributed to the positive transformation of its economy. However, challenges such as climate change impacts, infrastructure limitations, and investment capital mobilization remain critical concerns [4], [5], [6].

In 2024, the district's economy is projected to grow by 15.7%, with notable improvements across agriculture, industry, and services. The agricultural sector has maintained stable production despite adverse weather conditions, while the industrial and construction sectors have benefited from increased investments in infrastructure. The tourism sector, a major economic driver, has seen strong recovery, attracting a growing number of visitors. However, the occurrence of storm No. 3 in 2024 has posed significant environmental and economic challenges, affecting forest cover and agricultural productivity (Co To Committee, 2024).

Given these developments, it is essential to assess the district's socio-economic performance in 2024, identify key drivers of growth, and address persisting challenges [8], [9]. This study aims to provide a comprehensive analysis of economic, social, and environmental trends, offering insights for policymakers and stakeholders to enhance future development strategies.

This study aims to: Evaluate the district's economic performance in 2024, focusing on sectoral contributions and growth trends. Analyze the impact of investment, infrastructure development, and tourism on local economic growth. Assess social development indicators, including education, healthcare, and social security. Identify key challenges, such as environmental risks and policy implementation gaps, affecting sustainable development. Provide recommendations for improving socio-economic planning and policy formulation.

The study covers the district's economic, social, and environmental aspects from January to December 2024. It examines key economic sectors, including agriculture, industry, construction, and tourism, while also considering external factors such as climate events and government policies. The study utilizes both quantitative and qualitative research methods to ensure a comprehensive evaluation.

II. DATA AND RESEARCH METHODS

2.1. Data Sources

The data used in this study were collected from various sources, including: Official reports and statistics: Socio-economic reports from the District People's Committee, Department of Planning and Investment, and other relevant local agencies. Secondary data: Published reports from government agencies, previous studies, and online databases related to economic, social, and environmental indicators of the district.

2.2. Research Methods

This study employs a combination of qualitative and quantitative research methods to analyze the socio-economic development of the district in 2024.

2.1. Quantitative Analysis

Descriptive Statistics: Statistical techniques such as percentage change, growth rate calculations, and comparative analysis were applied to evaluate economic performance indicators, including GDP growth, investment capital, and sectoral contributions. **Trend Analysis:** Economic trends over time were examined to assess growth patterns in agriculture, industry, tourism, and services. **Impact Assessment:** The impact of external factors (e.g., natural disasters such as storm No. 3) on economic and environmental indicators was analyzed using statistical models.

2.2. Qualitative Analysis

Policy Analysis: Government policies related to investment, economic restructuring, and environmental management were reviewed to understand their role in shaping the district's socio-economic landscape.

2.3. Research Scope and Limitations

Scope: The study focuses on the economic, social, and environmental aspects of the district's development in 2024, with an emphasis on key sectors such as agriculture, industry, construction, services, and tourism. **Limitations:** Some data were obtained from government reports, which may have inherent biases. Additionally, the impact of unexpected factors (e.g., extreme weather events) on economic performance could not be fully quantified within the study's timeframe. By employing these methods, the study provides a comprehensive analysis of the district's socio-economic progress and identifies key areas for future development and policy recommendations.

III. RESULTS AND DISCUSSION

3.1. Regarding economic development

The estimated added value in 2024 will increase by 15.7% over the same period, meeting the target set by the resolution; structure by economic sector: (1) The agriculture - forestry - fishery sector accounts for 13.7%. (2) The industry - construction sector has many positive signals, projects, key works, and transport infrastructure are accelerating investment progress, accounting for 18.8%. (3) The service - tourism sector accounts for 67.5%. The total average product value per capita reaches 210 million VND/person/year.

3.1.1. Agricultural, forestry and fishery production

- **Cultivation:** The total cultivated area in 2024 will reach 212 hectares, reaching 95.07% of the annual plan, equal to 95.5% over the same period; The output of grain crops reached 670 tons, equal to 106.18% of the annual plan, equal to 98.53% compared to the same period. During the year, due to the impact of prolonged storms and floods, farmers focused on tourism, so the annual planting area was abandoned a lot, the planting area achieved a low rate compared to the plan and lower than the same period last year. - **Livestock:** Maintain the scale of livestock and poultry; propagate and expand a number of effective livestock models to restore the herd, meet consumer demand, contribute to improving the lives of local farmers, and contribute to the overall economic development of the district. Livestock and poultry developed well, no epidemics occurred. The total herd of livestock and poultry reached 28,276, reaching 100.62% of the annual plan, equal to 102.33% compared to the same period. Quarantine of animals and animal products was maintained and implemented well; Slaughter, veterinary hygiene, and food are effectively inspected and controlled. The total output of livestock and poultry transported to the area during the year is 4,700, equal to 104.65% compared to the same period. - **Forestry:** Launch

a tree planting movement in 2024, with more than 11,800 trees planted (including the following types of trees: 60 camphor trees; 11,000 casuarina trees; 740 pine trees) in the Pine Park area, communes, towns, and vacant land. Strengthen forest protection and forest fire prevention during the dry season. Complete and report to the province the results of forest inventory. Coordinate with the district People's Committee to issue a Decision on the Plan for forest fire risk zoning and forest fire prevention and fighting after storm No. 3 in 2024. Direct the implementation of a full review and assessment of the situation and extent of forest damage after storm No. 3, with a forest cover rate of 50% after the storm. On that basis, report and propose to the province to plant replacement forests for damaged areas. - Fisheries: The output of exploitation in the year is higher than the plan. The total output is estimated at 6,170 tons, equal to 112.95% of the annual plan, equal to 106.38% over the same period. The output of aquaculture is estimated at 390 tons, equal to 102.63% of the annual plan, equal to 123.81% over the same period; pay attention to propaganda, guidance, urging and reminding households to prepare well for the crop season. Strengthen the protection of aquatic resources; Administratively handled 36 cases of violations in the exploitation and protection of aquatic resources with a total fine of 1,028.5 million VND.

3.1.2. Small-scale industry, social development investment capital, basic construction

- Small-scale industry production: Production activities maintain growth momentum to meet the set plan; processing activities such as jellyfish processing, seafood, fish sauce and ice production for processing and preserving local seafood.

+ Estimated industrial production value reaches 35,000 million VND, equal to 125% over the same period.

+ Total output of finished jellyfish products with alum salt in the 2023 - 2024 crop (pre-processed) reaches 247,000 boxes, equal to 112.27% over the same period, estimated revenue reaches 50,000 million VND.

+ Domestic water supply: The rate of households using clean, hygienic water reaches 100% compared to the plan, equal to 100% over the same period. Total estimated domestic water production output in 2024 is 412,982 m³, equal to 105.90% over the same period; total revenue is 5,379.4 million VND, equal to 106.37% over the same period. - Total social development investment capital: Higher than the same period, mainly focusing on tourism development business establishments, such as investments in repairing and upgrading some hotel establishments, renovating some homestay apartments, expanding and reinvesting in restaurants, tourism services, entertainment services, investing in repairing and overcoming some establishments affected by storm No. 3, completing fire prevention and fighting to ensure operating conditions, registering and inspecting road vehicles... to improve the business investment environment, improve the quality of services to attract visitors, investing in expanding tourism services... to create revenue, improve people's lives. The estimated total social development investment capital in the year is estimated at 192,000 million VND, equal to 128% compared to the same period; mainly invested in the first and second quarters. - Basic construction investment management: The total capital plan for 2024 has been allocated 217,675 million VND from the provincial capital, scoring capital, capital of national target programs, land use fees and other capital sources. 2 projects transferred from 2023, of which 01 project has been completed and the settlement and handover work has been implemented according to regulations, 01 project is in the process of completion; 19 new projects starting in 2024 are being implemented to ensure progress. The estimated value of the implemented volume is about 80,000 million VND. The estimated disbursement and payment value for the whole year of 2024 is 217,675 / 217,675 million VND, reaching 100% of the capital plan.

3.1.3. Trade - service, transportation area

- Trade: Commercial business activities develop vigorously, goods are abundant, ensuring supply and demand for people and tourists; well control market prices for essential goods, counterfeit goods, and poor quality goods. Total revenue from service and tourism activities is estimated at 900,000 million VND, equal to 126.4% of the annual plan, 122.1% over the same period.

- Market management and price management: Pay attention to the management, inspection, and control of goods to ensure food safety, not to let food safety and hygiene incidents occur during the 2024 tourist season; strengthen measures to manage and stabilize market prices; promote the fight against smuggling, counterfeit goods, and trade fraud, not to let hot spots of smuggling and counterfeit goods form; Petroleum activities are adjusted in stages in accordance with state regulations, there is no hoarding, stopping sales, ensuring gasoline supply. In 2024, 09 cases/ 09 subjects/ 09 acts were inspected and handled with a total administrative fine of 8,000,000 VND, the value of destroyed goods was 1,200,000 VND. - State management of tourism and services: Issue the 2024 Tourism Development Plan with the goal of welcoming 300,000 visitors, total tourism and service revenue reaching about 900 billion VND; direct hotels and restaurants to proactively prepare necessary and sufficient conditions, improve service quality, be ready to welcome and serve tourists. Carry out the work of renovating and improving the quality of facilities, infrastructure, and tourism services, ensuring good service to tourists' needs during the holidays. Promote the building of culture and civilization in business, improve the quality

of customer service, sell goods at the listed price, ensure food hygiene and safety; increase the application of information technology, promote the application of digital transformation in tourism business activities to improve the quality and efficiency of operations and ensure the safety of tourists and workers in the tourism industry. Direct communes and towns to comprehensively manage beaches managed by the unit in accordance with legal regulations to ensure the safety of people and tourists, organize regular inspections and supervision of operations, invest in upgrading facilities to ensure conditions for drowning prevention, rescue and environmental sanitation at beaches. Advise the district People's Committee on guiding documents on the implementation of legal regulations for business activities of adventure services such as jet skiing, banana floats, night squid fishing, etc. Disseminate legal regulations in business, preparations for the tourist season, promote the campaign for tourism establishments and businesses to come up with tour schedules associated with the implementation of Project 175 - Co To District without plastic waste, launch 3 general cleaning campaigns on the large Co To island, and neighboring islands such as Co To Con island, Ca Chep island; mobilize establishments to replace items in service business establishments with environmentally friendly materials and receive support from establishments and businesses; Coordinate with the Tourism Association to participate in the Famtrip program to promote tourism in Van Don - Quan Lan - Minh Chau - Co To in 2024 in Co To; Introduce the Co To Tour Guide application in the 4.0 era for businesses and electric vehicles. Actively promote activities on social platforms, on the DDCI Co To fanpage about the nature, people of Co To, historical relics, the beauty of the four seasons on the island, special dishes... to widely promote friendly and attractive Co To tourism to domestic and foreign tourists. Upgrade the website cototourist.com, which provides information on Co To tourism (general tourism information, tourist attractions, nature, people, accommodation facilities, restaurants, eateries, entertainment venues...). Coordinate with the Tourism Association to promote tourism service businesses to proactively overcome damage after storm No. 3 (YAGI), ensuring service quality for tourist reception activities. Direct communes and towns to urgently overcome the consequences after storm No. 3 (YAGI), ensuring urban beauty, serving tourist reception activities. Implement comprehensive management of beaches managed by the unit in accordance with legal regulations to ensure safety for people and tourists, organize regular inspections and supervision of operations, invest in upgrading facilities to ensure conditions for drowning prevention, rescue and environmental sanitation at beaches.

The number of tourists to the area has grown strongly, estimated at 310,000 visitors, 124% compared to the province's assignment, 96.88% compared to the district's assignment, equal to 96.88% of the same period (in 2023 it is 320,000 visitors), of which international visitors are 2,500 visitors, equal to 119% compared to the same period (in 2023 it is 2,100 visitors). Revenue is estimated at 930,000 million VND, equal to 96.88% of the same period.

- Transport activities: Directing the strengthening of traffic safety for road and waterway transport activities. Traffic activities are uniform and smooth, ensuring absolute safety for tourists and people, especially during the tourist season and storms.

- Postal and telecommunications services: Operate stably, quickly, promptly, and safely to serve the management, work, and online learning of organizations, individuals, and people in the area. The operation of the postal network is safe and stable; internet, telephone, and postal credit services are guaranteed.

3.1.4. Building a Model New Rural Area; OCOP Program

- Continue to review and supplement the contents and tasks in the Overall Project for sustainable socio-economic development, ensuring solid national defense and security associated with the implementation of the Program for building a new rural area and sustainable poverty reduction in Co To district until 2025, with a vision to 2030; Report explaining the Planning criteria in building a model new rural area in Dong Tien commune. Complete the dossier requesting recognition of Dong Tien commune as a model new rural commune. Appraise and submit to the District People's Committee for recognition of 02 villages of Thanh Lan commune as achieving New Rural Area.

- Organize an exhibition of Co To pine trees and OCOP products at the 30th Anniversary of Co To district's establishment. Develop a plan and organize the 7th evaluation and classification of OCOP products of Co To district - 2024. Organize a ceremony to grant the right to use the certification mark "Tung Co To - Quang Ninh" on June 5, 2024. Guide and support establishments participating in OCOP Fairs held inside and outside the province.

3.2. Culture - society

3.2.1. Culture - information, physical education and sports

- Focus on disseminating the Party's guidelines and policies, the State's laws and policies; Directive 05 of the Politburo on "Promoting the study and following of Ho Chi Minh's ideology, morality and lifestyle"; Resolution No. 28-NQ/HU, dated December 5, 2023 of the Executive Committee of the Co To District Party Committee on the direction and tasks in 2024 and implementing the 2024 working theme of the Province "Improving the quality of economic growth; developing culture and people rich in Quang Ninh identity";

Resolution No. 135/NQ-HDND, dated December 20, 2023 of the Co To District People's Council on the tasks of socio-economic development in 2024; Plan and Action Program of the Co To District People's Committee on socio-economic development in 2024; Propaganda to celebrate the 94th anniversary of the founding of the Communist Party of Vietnam on February 3 (1930-2024) in conjunction with the activities "Celebrating the Party - Celebrating Spring" Giap Thin year 2024; Tree planting festival to forever remember Uncle Ho; activities to celebrate the 30th anniversary of the founding of Co To district (March 23, 1994 - March 23, 2024); building news articles, reports, promoting information and propaganda work... Organizing cultural and artistic activities to celebrate the Party, celebrate the Spring of Giap Thin year 2024, celebrate major holidays of the country and the locality; Organizing the 30th anniversary of the founding of Co To district (March 23, 1994 - March 23, 2024); receiving the First Class Independence Medal; opening the 2024 Tourism; Boat racing festival to celebrate the founding of the district; The first Thanh Lan Commune Sea Opening Festival in 2024; Celebrating the 49th anniversary of the Liberation of the South and National Reunification (April 30, 1975 - April 30, 2024) and the 70th anniversary of the Dien Bien Phu victory (May 7, 1954 - May 7, 2024); Organizing the Program to celebrate the 63rd anniversary of Uncle Ho's visit to the Island (May 9, 1961 - May 9, 2024) and towards the 134th anniversary of President Ho Chi Minh's birthday (May 19, 1890 - May 19, 2024). Organizing district-level sports tournaments and participating in competitions according to the province's plan.

3.2.2. Ensuring social security and social welfare

- Ensuring social security, labor, employment, poverty reduction: Implementing well the work of ensuring social security, implementing policies for people with meritorious services, poor households, paying preferential allowances to 15 subjects of people with meritorious services to the revolution and their relatives according to Decision 142/QD-TTg promptly, fully, and in accordance with regulations. Giving gifts from the Central, provincial, and district to the subjects with a total of 514 gifts worth 319.8 million VND on the occasion of the Lunar New Year of Giap Thin in 2024; organizing activities on the occasion of the 77th anniversary of War Invalids and Martyrs Day (July 27, 1947 - July 27, 2024). Vocational training, poverty reduction, child protection and care in the district continue to receive attention and well implement social policies; In 2024, 7/13 near-poor households were reduced = 100% of the plan. Up to now, there are no more poor households, 06 near-poor households = 0.3%; monthly social allowances were paid to 175 beneficiaries in the district; support was provided for elementary level training and training under 3 months (during the year, 01 vocational class was opened with 35 students achieving 100% of the assigned plan; 08 subjects were supported to participate in college level training with an amount of 45.35 million VND); the rate of trained workers in the district by the end of 2024 reached 86.1%, of which the rate of trained workers with certificates and degrees reached 63.7%; new jobs were created for 213 workers, reaching 106.5% of the assigned plan; the Plan for implementing the Action Month on occupational safety and hygiene in 2024 was issued; Decide to establish a delegation and inspection plan on the implementation of legal regulations on labor safety, salary regime, social insurance at enterprises in the area; implement the Month of Action for Children and activities to manage and educate children, adolescents and students in the summer of 2024. - Health - Protect and take care of people's health: Continue to practice implementing national target programs on health, epidemic and disease prevention; direct emergency response and disease prevention; review vaccination targets. Strengthen propaganda, epidemic surveillance and food safety inspection. Conduct communication activities in the community, propagate and mobilize people to ensure food safety and prevent food poisoning; propagate, mobilize and guide food production and trading establishments to ensure safety; continue to direct management, inspection, control, and resolutely handle violations of establishments that do not ensure food safety and hygiene. Directing the implementation of improving the quality of medical examination and treatment, the work of preventing and fighting dangerous epidemics and programs of caring for and protecting people's health; continuing to promote administrative procedure reform, enhancing the application of information technology in management and handling work; simplifying administrative procedures, creating favorable conditions for people to examine and treat diseases. Population work and family planning are implemented effectively. - Education - Training: Develop plans and action programs to concretize the province's directive documents, ensuring timeliness, suitability and practicality; improve the quality of teaching programs; focus on improving the quality of comprehensive education and pay attention to directing the implementation of key training work; organize professional activities and thematic activities to contribute to improving the quality of education and life skills for students at all levels. Organize review and participate in competitions at all levels. Continuing education: Coordinated the organization of the Master of Economic Management class in Co To to ensure quality, completed the records and summarized the granting of degrees to 18 students in accordance with the school's regulations. Enrolled in the A1 motorcycle driving class; Distance learning university class: Organized study and combined enrollment to increase the number of students in accordance with the school's regulations and quality assurance regulations. Organized career counseling for students; surveyed short-term jobs for tourism services in the entire district; surveyed the need for vocational training as well as universal primary education, the result: the need for literacy education for grades 1, 2, 3 in Dong Tien and Thanh Lan communes

was 60 students. - Ethnicity - religion: The situation of beliefs and religions in the district is basically stable, religious activities are carried out purely according to regulations, no illegal religious activities are detected. During the year, parishioners in the district strictly followed the laws and policies of the State and locality. Especially during the Lunar New Year, the April 30 - May 1 holidays, Easter, Buddha's Birthday, camps, and summer retreats, there were no violations of religious laws in the area. People complied with religious activities according to the law, and there were no superstitious activities in the area.

3.3. Achievements and limitations

In 2024, the district's socio-economic situation will grow steadily and have positive changes, especially tourism services will recover strongly, the number of visitors to Co To will increase compared to 2023. The added value is estimated at 15.7%; the economic structure will continue to shift in the right direction: the agriculture - forestry - fishery sector will account for 13.7%; the industry - construction sector will account for 18.8%; the service - tourism sector will account for 67.5%. Many key indicators will grow strongly compared to the same period, such as: (1) Although the cultivated area decreased by 0.43% over the same period, the output of grain crops decreased by 5.76% over the same period due to the impact of storm No. 3; but aquatic exploitation increased by 1.18% of the plan, increased by 0.84% over the same period; handicraft production increased by 21.7% over the same period. (2) The commodity market is stable; Trade, tourism and service activities in the area increased by 22.1% over the same period. (3) Culture - Society, social security continued to receive attention; actively visited and encouraged social policy beneficiaries and near-poor households; many outstanding cultural activities took place in the area. (4) Maintain political security, social order and safety; actively take the initiative in natural disaster prevention and search and rescue; take the initiative in propaganda and guidance for agencies, units, enterprises, business households and people in the area in fire prevention and fighting; strengthen patrolling, controlling and handling violations in the exploitation and protection of aquatic resources in the area.

In addition to the achieved results, there are still some limitations: (i1) Budget expenditures including career expenditures and disbursement of investment capital for construction investment have not ensured the set progress. (i2) The work of implementing adjustments to the master plan, establishing zoning plans, commune plans, and some detailed plans is still slow. (i3) The work of site clearance, mobilizing donations, and returning land for road construction to implement projects is still slow; some units and individuals are not really determined in propaganda and compensation mobilization. (i4) The natural forest ecosystem was severely affected by storm No. 03, with forest cover decreasing from 60.12% in 2023 to 50% after the storm.

IV. CONCLUSION

In 2024, the district's socio-economic situation continues to develop stably with many positive changes, especially in the service - tourism sector, contributing to promoting economic growth to reach 15.7%. The economic structure continues to shift in a reasonable direction, in which the agriculture - forestry - fishery sector accounts for 13.7%, industry - construction accounts for 18.8%, and services - tourism accounts for the highest proportion at 67.5%. Many important indicators have strong growth compared to the same period, such as industrial production, trade, services, and total social development investment capital.

In addition to the achievements, there are still some shortcomings and limitations that need to be overcome. The progress of disbursement of public investment capital has not met the set plan; planning, site clearance, and resource mobilization for some key projects are still slow. In particular, the impact of storm No. 3 has negatively impacted the area of natural forests, reducing the forest cover rate from 60.12% to 50%.

In the coming time, the district needs to continue to promote the achieved results, while overcoming limitations to promote sustainable economic development. Key solutions include promoting infrastructure investment, improving the quality of tourism services, developing agriculture - forestry - fishery in a sustainable direction, and ensuring social security. In addition, it is necessary to strengthen planning management, speed up the disbursement of public investment capital, as well as have effective measures to protect and restore forest ecosystems after natural disasters.

REFERENCES

- [1]. C. Yin, W. Zhao, F. Cherubini, and P. Pereira, "Integrate ecosystem services into socio-economic development to enhance achievement of sustainable development goals in the post-pandemic era," *Geogr. Sustain.*, vol. 2, no. 1, pp. 68–73, 2021
- [2]. S. E. Barykin et al., "Environmental sustainability and digital transformation of socio-economic: quality of life perspective," *J. Environ. Assess. Policy Manag.*, vol. 25, no. 01, p. 2350001, 2023.
- [3]. V. K. Nguyễn, "Co To archipelago in the sea and island space of the Northeast region of the Fatherland and Vietnam's sea strategy: outpost position, geo-economic position; geo-politics and development potential" *Communist Magazine*.- No. 2 (1008).- Pp.66-74; 2023.
- [4]. K. Abbass, M. Z. Qasim, H. Song, M. Murshed, H. Mahmood, and I. Younis, "A review of the global climate change impacts, adaptation, and sustainable mitigation measures," *Environ. Sci. Pollut. Res.*, vol. 29, no. 28, pp. 42539–42559, 2022.
- [5]. A. Raihan, "A review of the global climate change impacts, adaptation strategies, and mitigation options in the socio-economic and environmental sectors," *J. Environ. Sci. Econ.*, vol. 2, no. 3, pp. 36–58, 2023.
- [6]. F. T. Boldeanu and L. Constantinescu, "The main determinants affecting economic growth," *Bull. Transilv. Univ. Brasov. Ser. V Econ. Sci.*, pp. 329–338, 2015.

- [7]. C. T. D. P. Committee, "Report on socio-economic development of Co To District, Quang Ninh Province, 2024," 2024
- [8]. Cerulli, G. (2015). Econometric evaluation of socio-economic programs. *Advanced studies in theoretical and applied econometrics series*, 49, 100-113.
- [9]. N. Dalevska, V. Khobta, A. Kwilinski, and S. Kravchenko, "A model for estimating social and economic indicators of sustainable development," *Entrep. Sustain. issues*, vol. 6, no. 4, p. 1839, 2019.