

IMPACTS OF LAND ACQUISITION, COMPENSATION, SUPPORT AND RESETTLEMENT ON SOCIAL-ECONOMIC DEVELOPMENT OF PHO YEN TOWN, THAI NGUYEN PROVINCE, VIETNAM

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ABSTRACT

Socio-economic development of a locality is influenced by many factors, in which land management, especially land acquisition, compensation, support and resettlement is an important factor. It has a strong impact on all aspects of economic and social development. To see that impact clearly, a study from 2019 - 2020 in Pho Yen town, Thai Nguyen province used sociological survey method to survey 3 regions of the town with users different land use. The research results show that: The influence of land acquisition, compensation, support and resettlement on the process of urbanization and industrialization, the process of infrastructure development, income and living standards of the population and poverty reduction are the highest, with the assessment results reaching the index of 3.41 – 4.22. The indicators of Attracting investment capital and Increasing job opportunities are affected at an average level, index 3.21 - 3.28. From these evaluation results, it is necessary to have solutions to strengthen the work of land acquisition, compensation, support and resettlement, especially the implementation of the contents must follow the plan and be suitable with the speed of local development.

Keywords: Influence; Compensation for land recovery; Socio-economic indicators; Pho Yen Vietnam

1. INTRODUCTION

Pho Yen town was formed from Pho Yen district of Thai Nguyen province according to Resolution No. 932/NQ-UBTVQH13 dated May 15, 2015 of the National Assembly Standing Committee and was recognized as a grade III city under Decision No. 530/QD-BXD dated June 17, 2019 of the Ministry of Construction. Since the town's establishment up to now, the economic growth rate and social innovation have made strong development steps. Socio-economic development is influenced by many factors. External factors are the status and trends of socio-economic development of countries not only in the region but also in the world. Internal factors include: Strategic orientation of the country's development, development plans for each year and period, domestic resources, general management policies and sectors.... In which activities of land management are assessed as very important. Land management directly affects the socio-economic development of Pho Yen, in which land acquisition, compensation, support and resettlement is an important factor and has a strong impact on the economic development of Pho Yen.

To see that impact clearly, a study from 2019 - 2020 used the sociological survey method to survey 3 regions of the town with different land users. The research results will be a database to help policy makers come up with optimal solutions for the socio-economic development of Pho Yen.

2. METHOD

2.1. Sociological surveys

The research used the basis for selecting the survey sample as follows

Criteria for selecting survey households/organizations are classified into 3 regions as follows:

+ Region 1 (Central region): This place has the economic, cultural and political centers of the town. In this region, the economy develops strongly and stably. Region 1 includes 4 wards, choosing 3 wards are Ba Hang, Bai Bong and Dong Tien.

+ Region 2 (sub-central area): is the development planning area. Currently, this place is developing at a moderate rate. According to the planning, this is the area with many key investment projects to develop the economic zone of Pho Yen. This area consists mainly of communes located in Diem Thuy and Sam Sung industrial zones. Select 3 communes: Hong Tien, Trung Thanh and Tien Phong.

+ Region 3 (Suburban area): is an area of socio-economic development in the direction of agriculture and ecology. This region selects 3 communes: Thanh Cong, Tan Phu and Phuc Thuan.

Number of survey samples:

+ Each commune and ward selects 3 typical villages/groups representing the locality, the total number of households/organizations of 27 villages/groups of 9 communes/wards is 1,350 households/organization.

+ Number of survey samples: According to Slovin (1960; cited by Vo Thi Thanh Loc, 2010), the sample size is determined according to the following formula:

$$n = \frac{N}{1 + N.e^2}$$

Inside:

n: Survey sample capacity

N: Total number of households/organizations located in the survey area; n: number of representative households/organizations

e: 95% confidence level (Tolerable error, usually 0.05)

Applying Slovin's formula, from the number of 1,350 households of 27 villages/organizations of 9 communes and wards, the total number of samples to be investigated is 308,5714. Rounded up is 309 samples – 309 questionnaires.

On the basis of the number of samples to be surveyed as determined above, 103 households/organizations were selected for each region by the stratified random sampling method. Each region surveyed 6 economic organizations, 6 other organizations and 91 individual households.

2.2. Methods of data processing and evaluation of research results

The research data is processed with mathematical statistics on the software: SPSS and Excel.

Using SPSS software in analyzing sociological survey data of Hoang Trong and Chu Nguyen Mong Ngoc (2007). Specifically, the application of IBM SPSS Statistics 20 software for analyzing sociological survey data. Applied to analysis of survey data from 309 questionnaires according to Likert scale to evaluate research results (Do Anh Tai, 2008).

Rate according to 5-level Likert scale:

1: Totally disagree/very small/very low;

2: Disagree/small/low;

3: Confused/average;

4: Agree/big/high;

5: Totally agree/very large/very high.

From the Likert scale, the specific rating hierarchy for 5 levels is as follows:

1.00 - 1.79: Very low

1.80 - 2.59: Low

2.60 - 3.39: Average/Medium

3.40 - 4.19: High

4.20 - 5.00: Very high.

3. RESULTS

3.1. Evaluation of socio-economic development indicators of Pho Yen town

The topic has conducted 309 questionnaires to evaluate the socio-economic development indicators of Pho Yen town. The results in Table 1 show that:

- There are 5 socio-economic development indicators that are highly appreciated, reaching index 3.62 - 4.14, which are Urbanization and industrialization, Infrastructure development, Investment attraction, Income and level people's lives and Increase employment opportunities.

- The indicator of reducing poverty rate is only 3.38 on average, but the indicator is in the upper bound of the average.

In summary, all six socio-economic development indicators of Pho Yen town are good performance aspects since the town's establishment until now.

Table 1: Evaluation of socio-economic development indicators of Pho Yen town

No	Indicators of socio-economic development	Assessment	Standard Deviation
1	Urbanization and industrialization	4.14	0.46
2	Infrastructure development	4.12	0.44
3	Attract investment	3.74	0.39
4	People's income and standard of living	3.86	0.46
5	Increase job opportunities	3.62	0.38
6	Reduce poverty rate	3.38	0.51

3.2. Evaluation of the implementation of land acquisition, compensation, support and resettlement in Pho Yen town

The data on the implementation of land acquisition, compensation, support and resettlement of Pho Yen town with 8 contents in Table 2 shows that:

Table 2: Evaluation of the implementation of land acquisition, compensation, support and resettlement in Pho Yen town

No	Evaluate content	Assessment	Standard Deviation
1	Land acquisition, compensation, support and resettlement in accordance with regulations	3.53	0.56
2	The work of land acquisition, compensation, support and resettlement took place strongly	4.00	0.47
3	The order and procedures for land acquisition are well conducted	4.00	0.54
4	The order and procedures for compensation, support and resettlement are well conducted	4.06	0.55
5	Land acquisition is carried out as planned	3.78	0.57
6	Compensation, support and resettlement work well done	4.11	0.49
7	The need for support and resettlement is increasing	4.05	0.6
8	The enforcement of land acquisition decisions is decreasing day by day	4.13	0.53
	Overall Average	3.96	0.32

All 8 contents of land acquisition, compensation, support and resettlement of Pho Yen town are highly appreciated, at 3.53 - 4.13 and the average index is 3.96.

Out of the eight high-level evaluations, two are land acquisition, compensation, support, and resettlement in accordance with regulations and land acquisition is carried out in accordance with the plan and indicators. is 3.53 – 3.78, which is the high but the lower limit of the high rating.

In summary, in general, the implementation of land acquisition, compensation, support and resettlement in Pho Yen town is good and there are many innovations in this work.

3.3. Impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town

3.3.1. Evaluate by region

Land acquisition, compensation, support and resettlement affect 6 socio-economic development indicators in all 3 regions assessed with indexes from 3.23 to 4.11, average to high assessment.

In regions 1 and 2, there are 4 indicators namely Urbanization and industrialization, Infrastructure development, People's income and living standards and Poverty reduction are all affected by land acquisition, compensation, support and resettlement reached a high level, indexed from 3.83 to 4.11. While the other two indicators, attracting investment capital and increasing job opportunities, were only rated at an average level, reaching an index of 3.23 - 3.37.

In Region 3, there are 4 indicators namely Urbanization and industrialization, Infrastructure development, People's income and living standards and Increasing employment opportunities, which are affected by land acquisition and compensation, support and resettlement reached a high level, the index ranged from 3.41 to 3.83. While the other two indicators, attracting investment capital and reducing the poverty rate, were only assessed at an average level, reaching the index of 3.31 - 3.34.

Table 3: Impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by region

No	Indicators of socio-economic development	Region 1		Region 2		Region 3	
		Assessment	Standard Deviation	Assessment	Standard Deviation	Assessment	Standard Deviation
1	Urbanization and industrialization	4.09	0.30	3.96	0.30	3.83	0.34
2	Infrastructure development	4.04	0.29	3.92	0.33	3.81	0.34
3	Attract investment	3.23	0.39	3.34	0.46	3.31	0.43
4	People's income and standard of living	4.09	0.31	4.02	0.32	3.41	0.46
5	Increase job opportunities	3.36	0.37	3.37	0.35	3.43	0.32
6	Reduce poverty rate	4.11	0.24	3.83	0.19	3.34	0.36

In summary: From a detailed assessment of the contents of land acquisition, compensation, support and resettlement affecting the socio-economic development of Pho Yen town by region, the general topic is summarized. and ranking in Table 4 shows:

The degree of influence of land acquisition, compensation, support and resettlement on the process of Urbanization and industrialization, the process of Infrastructure development and People's income and living standard is strong. The most powerful, followed by the poverty reduction work.

As for socio-economic development indicators such as attracting investment capital, increasing job opportunities and reducing poverty rate, they are affected to a moderate to high level by land acquisition, compensation, and support. support and resettlement.

Table 4. Ranking of impacts of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by region

No	Indicators of socio-economic development	Region 1	Region 2	Region 3
1	Urbanization and industrialization	H	H	H
2	Infrastructure development	H	H	H
3	Attract investment	M	M	M
4	People's income and standard of living	H	H	H
5	Increase job opportunities	M	M	H
6	Reduce poverty rate	H	H	M

Note: H: high; M: medium

3.3.2. Assessment by land use object

In addition to assessing the impact of land acquisition, compensation, support and resettlement on the socio-economic development of Pho Yen town in 3 regions, the study also assesses by land users.

Summary data on the impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by land users is in Table 5 for comments:

All 4 land users assessed that land acquisition, compensation, support and resettlement affected 6 socio-economic development indicators with indexes ranging from 3.21 to 4.22, average to high and very high.

There are 3 land users, namely Agricultural Households, Economic Organizations and Other Organizations, showing that land acquisition, compensation, support and resettlement strongly affect 4 economic development indicators. socioeconomic. These are Urbanization and Industrialization, Infrastructure Development, People's Income and Living Standards and Poverty Reduction with the index 3.41 – 4.22. The indicators of Attracting investment capital and Increasing job opportunities are affected at an average level, index 3.21 - 3.28.

Particularly, the group of non-agricultural households assessed that land acquisition, compensation, support and resettlement strongly influenced 5 socio-economic development indicators, except investment attraction. averaged.

Table 5: Impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by land users

No	Indicators of socio-economic development	Agricultural household		Non-agricultural households		Economic organizations		Other organizations	
		Assessment	Standard Deviation	Assessment	Standard Deviation	Assessment	Standard Deviation	Assessment	Standard Deviation
1	Urbanization and industrialization	3.97	0.33	3.79	0.30	4.19	0.28	4.18	0.25
2	Infrastructure development	3.93	0.32	3.71	0.28	4.17	0.25	4.22	0.30
3	Attract investment	3.30	0.46	3.27	0.41	3.21	0.21	3.32	0.20
4	People's income and standard of living	3.83	0.49	3.76	0.49	4.01	0.22	4.10	0.27
5	Increase job opportunities	3.38	0.37	3.41	0.34	3.38	0.20	3.36	0.22
6	Reduce poverty rate	3.75	0.41	3.73	0.50	3.72	0.35	4.06	0.24

In summary: From detailed analysis of the influence of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by each land user, the topic is summarized and ranked in Table 6:

The degree of impact of land acquisition, compensation, support and resettlement on the process of urbanization and industrialization, infrastructure development, income and living standards of the people and reduction of poverty rate is the strongest.

The indicators of attracting investment capital and increasing employment opportunities are affected on average by land acquisition, compensation, support and resettlement.

Table 6: Ranking the impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by land users

No	Indicators of socio-economic development	Agricultural household	Non-agricultural households	Economic organizations	Other organizations
1	Urbanization and industrialization	H	H	H	H
2	Infrastructure development	H	H	H	VH
3	Attract investment	M	TB	M	M
4	People's income and standard of living	H	H	H	H
5	Increase job opportunities	M	H	M	M
6	Reduce poverty rate	H	H	H	H

Note: VH: very high; H: high; M: medium

4. DISCUSSION AND CONCLUSION

The results of the sociological investigation of the assessment of socio-economic development indicators that are influenced by land management in Pho Yen town have concluded that there are 6 important indicators, which are: Urban industrialization and modernization; Infrastructure development; Attract investment; People's income and living standards; Increase employment opportunities and Reduce poverty. These are also the main and key socio-economic development indicators that the State has included in the current national development strategy. Of these six indicators, the first three are about economic development and the last three are about the development of social stability.

Evaluating the implementation of land acquisition, compensation, support and resettlement of Pho Yen town, conclusions have been drawn: All 8 contents of land acquisition, compensation and support for resettlement of Pho Yen town are all highly rated at 3.53 – 4.13 and the overall average is 3.96. Out of the 8 items rated at high level, there are 2 items Land acquisition, compensation, support and resettlement in accordance with regulations and Land acquisition is carried out as planned, the index is 3.53 – 3.78, which is the high but the lower limit of the high rating. In general, the implementation of land acquisition, compensation, support and resettlement of Pho Yen town is good and there are many innovations in this work.

Impact of land acquisition, compensation, support and resettlement on 6 socio-economic development indicators of Pho Yen town as follows:

Firstly, the degree of influence of land acquisition, compensation, support and resettlement on the process of Urbanization and industrialization, the process of Infrastructure development and People's income and living standard is strong. The most powerful, then quite strong, goes to the work of Poverty Reduction. The results of this assessment clearly show that in the process of urbanization and industrialization, the process of developing infrastructure and increasing income and living standards of a locality requires land acquisition, compensation, support and resettlement must be implemented strongly and planned. That will accelerate the progress of local development.

Secondly, socio-economic development indicators such as attracting investment capital, increasing job opportunities and reducing poverty rate are affected to a moderate to high degree by land acquisition, compensation, support and resettlement. This assessment result is also consistent with local reality.

Thirdly, the degree of influence of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town in all three regions is quite similar. This shows that land acquisition, compensation, support and resettlement are implemented fairly evenly in all 3 regions of the locality. On the other hand, people's need for support and resettlement is also large in all three regions.

Finally, impact of land acquisition, compensation, support and resettlement on socio-economic development of Pho Yen town by land users: There are 3 land users: Agricultural households, Economic organizations and other organizations show that land acquisition, compensation, support and resettlement strongly affect 4 socio-economic development indicators, namely Urbanization and industrialization, Infrastructure development, People's income and living standards and Poverty reduction. The indicators of Attracting investment capital and Increasing job opportunities are affected at an average level.

From the above assessment results, it is necessary to have solutions to strengthen the work of land acquisition, compensation, support and resettlement, especially the implementation of the contents must follow the plan and be suitable with the speed of local development.

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