



The Integration of Innovation to Improve the Quality of Life for the Elderly According to the Sufficiency Economy Philosophy in the Upper Northeastern Region of Thailand

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Abstract

The situation faced by countries around the world is considered to be an event that has a profound impact on the well-being of the elderly. The socio-economic and political problems of Thailand are the problems that make it difficult for the elderly to adapt and struggle to Survival in today's society with both the spread of COVID-19. How is the integration of innovation in improving the quality of life for the elderly, therefore, is the main reason why it is necessary to urgently address the problem in connection with the Sustainable Sufficiency Economy Philosophy. Therefore, this research aims (1) To study the level of integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region. (2) To study the factors influencing the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region. (3) to study the approach of integrating innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region. The research used a mixed research method with a sample of 400 people, and interviews with 10 people. The quantitative data using descriptive statistics and multiple regression analysis. The data from in-depth interviews using the content analysis method revealed that:

1. The integration of innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy in the upper Northeastern region in all aspects was found to be at a moderate level ($\bar{X}=3.06$, S.D.=37). They can be sorted in descending order as follows: the elderly empowering ($\bar{X}=3.10$, S.D.=36), the innovation integration ($\bar{X}=3.05$, S.D.=11), and the innovation management ($\bar{X}=3.04$, S.D.=64) respectively.
2. Factors influencing the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region in all aspects as follows: the private sector roles, the civil society roles, and the local role. These variables have predictive coefficients in the raw score (b) of 0.420, 0.275, and 0.040 respectively. The factors influencing the integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy were not statistically significant at the 0.05 level as follows: the public sectors and the community leadership roles. However, all the variables together predicted the factors influencing the integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy was at 98.9%, There is an error equal to ± 0.03946 ($F = 7237.189$; $p\text{-value} = 0.01$).

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3. The approach of integrating innovation to improve the quality of life of the elderly found that **(1) the innovation integration:** Innovations should be integrated with related work to implement concrete actions whereby the government and local authorities have applied integrated innovations to seriously improve the quality of life of the elderly through the adoption of the sufficiency economy. **(2) the innovation management:** The Sufficiency Economy Philosophy must be used to integrate with innovation to seriously improve the quality of life of the elderly in the upper Northeastern region through a systematic structure. And **(3) the elderly empowering:** Innovations should be integrated to improve the quality of life for the elderly by using technology to systematically develop the potential of the elderly for effective development.

Key Words: Policy Driving, Health Care Behaviors, The Elderly, The Covid-19 Crisis.

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Introduction

Thailand is a country that needs to be developed, so the country's structure still needs to be developed and changed and needs to be continually adapted both in agriculture, industry, transportation, energy, education, real estate, health, science, and technology, etc. Therefore, the economic system plays a very important role that requires a lot of capital. Domestic funding and foreign funding The dependence on foreign capital is obtained through borrowing, which destabilizes the country's economy)Wiratsetasin, K., and Wimonwatwee, T., 2010: 145(.

The current situation of farming is affected both in terms of the environment from natural disasters in every aspect, affecting the productivity, causing the income from the sale of products to be unstable and insufficient to cover expenses. The prices of crops are not sold as expected or anticipated by the government's agricultural support policy, but they are not thorough, and they may not have sufficient knowledge of farming, resulting in lower production efficiency. Although the government has ongoing projects to help farmers in various fields, participation is considered the main goal in carrying out various activities to promote health.)Sittivongsa, B., Kunpalin, P., and Boonmee, K., 2019 : 92(Therefore, a sufficiency economy is a philosophy indicating the way of existence and practice of people at all levels, from households, communities to the state, in both the development and administration of the country in a middle way to adapt to keep pace with the modern world. globalization. Sufficiency, therefore, implies moderation and rationality arising from both external and internal changes that require great knowledge, prudence, and caution to bring various academics or sciences to be used as a systematic approach to planning and implementing, which must build the mental foundation of the nation's population to achieve a balance ready to

accommodate rapid and widespread change (Thepsitta, S., 2007: 1).

Agriculture is a process that has been associated with Thai people's lives for a long time since the Thailand1.0 era until the present Thailand4.0 era. It can be seen as the era of smart agriculture, where technology has been applied in agriculture as a policy vision that has changed in the form of an economy driven by a combination of innovations, but according to the National Strategic Plan No. 20 on the topic of innovative integrated agriculture that has adapted technology and innovation and applied in the development of agriculture, by relying on public relations networks to educate farmers to easily access information, they can also take advantage of technology that is worthwhile to exchange knowledge and apply innovations to facilitate The benefits of integrated agriculture that are diverse in each area are effective.)Office of the National Economic and Social Development Board, 2006: 35(.

Technology is very advanced and modern, so there are various forms of agricultural media broadcasting such as exhibition media, modeling media, video media, infographic media. But in reality, on the contrary, agricultural learning is not as popular as it is today, It may be seen that virtual technology is a suitable medium for the process of application to increase productivity and learning efficiency to get the most benefit by applying technology and innovation in farming. For example, New Theory Agriculture or Sufficiency Economy, which is considered as a guideline of His Majesty King Rama IX bestowed upon the people, This is to help in agriculture, especially one of the projects that His Highness gave to solve the problems of the people's suffering "Khok Nong Na model", It can be regarded as a royally initiated project in the new theory of agriculture following the Sufficiency Economy Philosophy with methods and strategies for water management and agricultural land to solve

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the problems of farmers and train the villagers to help them be self-reliant that aim for better well-being and have the basis of a life of stability, well-being, happiness and sustainability)Watanachai, K., 2007: 155-156(.

The upper northeastern region is one region where the majority of the population 90% is the main occupation according to the terrain and has applied various forms of farming methods, but it has not been successful in choosing strategies that meet the needs of farmers. Udon Thani Province has therefore applied the principles of Sufficiency Economy Philosophy in the form of the Khok Nong Na Model to apply in agricultural areas to create a production system for sustainable self-reliance. The goal of applying the Khok Nong Na model to collect rain that falls in the area by maximizing the management of the existing land by adjusting the area to be a hump, swamp, and rice field)Khok Nong Na Model), together to plant forests³ Types, 4 types of benefits. But in fact, agriculture in Udon Thani province still lacks knowledge and understanding in applying technology and innovation in Khok Nong Na model farming. In addition, most farmers struggle with the problem of livelihoods that have evolved towards globalization amid dramatic changes. In addition to the increasing number of the elderly population, the elderly have a connection with mixed farming which is a relaxed lifestyle and closeness with many children within the household. However, the main problem of the elderly is that they still have to exert themselves in farming in every area, causing their health to be exhausted and having frequent illnesses and also relying on doctors to treat these symptoms.)Rueangkaew, P., and Siritto, A., 2007: 60).

Therefore, the researcher is interested in studying the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern Region, the way of life and the integration of innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy by linking it with the Sufficiency Economy Philosophy. The researcher chose to study the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region where the researcher lives and is familiar with the lifestyle of the elderly in this area. The main question in the research was what were the factors influencing the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy, Is there an

integration of innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy that is consistent with the Sufficiency Economy Philosophy. The results of this study will show the quality of life through the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy, Factors influencing the integration of innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy, This will further benefit the integration of innovations to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the upper Northeastern region.

Objectives

1. To study the level of integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy in the upper Northeastern region.
2. To analyze the factors influencing the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper Northeastern region.
3. To study the approach of integrating innovations to improve the quality of life of the elderly according to the sufficiency economy philosophy in the upper Northeastern region.

Methodology

In this research, the researcher uses an integrated research model using quantitative research which is exploratory research, and qualitative research methods by using in-depth interviews from key informants to summarize the factors influencing the integration of innovations to improve the quality of life of the elderly according to the sufficiency economy philosophy at 84% confidence level; All these numbers are obtained by multistage random selection. The population used in this research was the people who had the right to vote in the upper northeastern region of 5 provinces consisting of Udon Thani Province, Nong Khai Province, Nong Bua Lamphu Province, Loei Province, and Bueng Kan Province, totaling 2,836,810 people.

The sample consisted of voters in the upper northeastern region of 5 provinces, consisting of Udon Thani Province, Nong Khai Province, Nong Bua



Lamphu Province, Loei Province, and Bueng Kan Province which is obtained by stratified random sampling is a sampling from a large population with differences between random units that can be classified as stratified to provide comprehensiveness and quantification of the sample. According to Yamane's formula (Yamane, 1973: 142), A sample group of 400 people who have the right to vote was obtained. (Vanichbuncha, K., 2006: 152). The group of informants in this research by interviewing to answer the objectives were selected by purposive sampling. Judging from the ability to educate and experience consisting of civil servants, local organizations, community leaders, government officials, in the upper northeastern region of 5 provinces, comprising Udon Thani Province Nong Khai Province Nong Bua Lamphu Province, Loei Province, and Bueng Kan Province, amounting to 1 group of 20 people each, totaling 20 people. An in-depth interview to study the approach of integrating innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern region, consider the appropriateness and feasibility of the approach to integrating innovation to improve the quality of life of the elderly according to The philosophy of sufficiency economy are based on the following features; being involved in the approach of integrating innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy, being an executive on the approach to integrating innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy, and being an expert in innovative integration approaches to improve the quality of life for the elderly according to the sufficiency economy philosophy.

Research instruments are questionnaires used for quantitative research interview forms used for qualitative research, questionnaire data collection. (1) Data collection by using questionnaires, using questionnaires that have been developed and improved until they are of acceptable quality to collect data by themselves and research assistants, which the researcher asks for cooperation from the people who have the right to vote in the district. The upper northeastern region consists of 5 provinces; Udon Thani Province, Nong Khai Province, Nong Bua Lamphu Province, Loei Province, and Bueng Kan Province. Data collection The researcher clarified in detail the research objectives; the tools used to collect the data. Procedures and methods for collecting data to obtain accurate and complete

information for research assistants. (2) Asking for permission to collect data, the researcher created a questionnaire and made a letter of permission to collect data from the sample population. (3) The researcher brought a letter asking permission to collect data and presented it to each community to ask for permission to collect data, which was the population used in the study. (4) Distribute and collect questionnaires from the sample population. And (5) Receive the questionnaire back, check the accuracy and completeness and analyze the data further.

Interview data collection The researcher conducted the interview data collection according to the following steps: (1) Studying information from textbooks, research articles, research papers, including the explanatory part from textbooks, theoretical concepts, and related research by reviewing theoretical concepts related to innovation integration approaches. Improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern Region. (2) Data collection by using the coordinating researcher interview form to ask for permission from the group of informants by telephone and then travel according to the scheduled date and time before the interview, the researcher introduces himself to build acquaintance between the researcher and the interviewee. State the purpose of the interview and interview 10 people.

Statistics used for data analysis, data analysis, questionnaires. After collecting data from questionnaires, the data was analyzed by computers using statistical software packages for social science research as follows: (1) Data analysis of the first objective, the level of innovation integration, to improve the quality of life of the elderly according to the sufficiency economy philosophy in the upper northeastern region by using statistics, frequency distribution and percentage of respondents. It is presented as a table using the statistical mean and standard deviation for discussion of the results. (2) The second objective data analysis, factors influencing the integration of innovation for improving the quality of life of the elderly according to the sufficiency economy philosophy in the upper northeastern region are presented in the form of a descriptive table using general regression analysis. The multiplication was done using a hierarchical variable selection method for discussion of the results. (3) Data Analysis Objective No. 3, an approach for integrating innovation to improve the quality of life of the elderly according to the



philosophy of sufficiency economy in the upper Northeastern region It is a system for creating data editors and analyzing the data, then bringing the data to write a report according to the objectives of further research studies.

The qualitative data analysis was as follows. (1) Analysis of textbooks by reviewing the concepts and theories related to the approach of integrating innovations to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region. (2) Analyze and synthesize the information obtained from in-depth interviews from key informants as a

conceptual framework for the integration of innovations to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper Northeastern region.

Results

1. The integration of innovation to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern region, as shown in the following table.

Table 1. The integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern Region

Integrating innovations to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy	\bar{x}	S.D.	Mean
The innovation integration	3.05	.11	Moderate
The innovation management	3.04	.64	Moderate
The elderly empowering	3.10	.36	Moderate
Total	3.06	.37	Moderate

From Table 1, it was found that the integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy in the upper northeastern region in all aspects was found to be at a moderate level $\bar{x}=3.06$, S.D.=.37(. The averages can be sorted from least to greatest as follows: the elderly empowering) $\bar{x}=3.10$, S.D.=.36(, the innovation integration) $\bar{x}=3.05$,

S.D.=.11(, and the innovation management) $\bar{x}=3.04$, S.D.=.64(respectively.

2. Factors influencing the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Upper Northeastern Region, as shown in the following table.

Table 2. Factors influencing the application of innovation to improve the quality of life in communities according to the new theory Khok Nong Na Model in Udon Thani Province, analyzed by Multiple Regression analysis

Variable sequence	B	S.E.	Beta	t	P-value	Collinearity Statistics	
						Tolerance	VIF
Constant	.887	.050		17.716	.000*	.788	.985
The local role	.040	.007	.035	5.915	.000*	.027	.053
The public sectors	.005	.016	.003	.308	.758	-.027	.037
The civil society roles	.275	.008	.537	32.585	.000*	.259	.292
The private sector roles	.420	.012	.508	34.512	.000*	.396	.444
The community leadership roles	-.004	.003	-.007	-1.271	.204	-.010	.002
SE _{est} = ±.03946							
R =.995; R ² =.989 ; Adj. R ² =.989; F = 7237.189; p-value =0.01							

* statistically significant at the.05 level.



From Table 2, it was found that the factors influencing the integration of innovation in improving the quality of life of the elderly according to the philosophy of sufficiency economy in the upper Northeastern region in all aspects with statistically significant at the 0.05 level were the private sector roles, the civil society roles, the local role. The predictor coefficients in raw scores (b) were .420, .275 and .040, respectively. The factor variables influencing the integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy were not statistically significant at the 0.05 level, namely the public sectors and the community leadership roles. However, all variables together predicted factors influencing the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy at 98.9%, there is an error equal to ± 0.03946 ($F = 7237.189$; $p\text{-value} = 0.01$).

- Approaches for integrating innovations to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper Northeastern region found that;

3.1 The innovation integration: Innovations should be integrated with related work to implement concrete actions whereby the government and local authorities have applied integrated innovations to improve the quality of life of the elderly through the adoption of the sufficiency economy seriously.

3.2 The innovation management: The Sufficiency Economy Philosophy must be used to integrate with innovation to seriously improve the quality of life of the elderly in the upper Northeastern region through a systematic structure.

3.3 The elderly empowering: Innovations should be integrated to improve the quality of life for the elderly by using technology to systematically develop the potential of the elderly for effective development.

Discussions

- The integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy in the upper northeastern region in all aspects was found to be at a moderate level ($\bar{x} = 3.06$, $S.D. = 37$). The averages can be sorted from least to

greatest as follows: the elderly empowering ($\bar{x} = 3.10$, $S.D. = 36$), the innovation integration ($\bar{x} = 3.05$, $S.D. = 11$), and the innovation management ($\bar{x} = 3.04$, $S.D. = 64$) respectively. This is inconsistent with the research of Maneenet, S. (2015: 1) researched expanding the results of applying the Sufficiency Economy Philosophy in the life of people in the area of Maklua Mai Subdistrict Administrative Organization, Sung Noen District, Nakhon Ratchasima Province. The results of the study revealed that there were 4 important activities in the community under the concept of sufficiency economy, namely; (1) Raising pit pigs, raising pit pigs gives villagers a better income, better quality of life, self-sufficiency, helping each other in the community and is consistent with the way of life of the people in the community. (2) Wood Vinegar Activities Making wood vinegar creates self-reliance, reduces expenses, increasing income by making use of raw materials and equipment that can be obtained from the home or community area. (3) Bio-fermentation activities enable communities to be self-reliant, reducing their expenditures. Simple fertilization principles are available by making use of raw materials and leftovers that can be obtained from home or community areas. And (4) activities for making community-made multi-purpose liquids to be used in daily life to reduce household expenditures in the community. However, the expansion is to drive the concept of sufficiency economy into concrete with the principle of participation of people in the community. There are 3 steps which are; (1) Creation of development leaders (leading households) Choose households that voluntarily and are ready to live according to the principles of sufficiency economy. (2) Self-learning and setting goals for developing, organizing a workshop to create learning by analyzing family conditions, problems that arise, and learning to formulate solutions to problems using the Sufficiency Economy Philosophy. (3) Transfer the body of knowledge and study the sufficiency economy work. Organize a lecture forum to transfer the body of knowledge about the sufficiency economy



and the study tour activities to exchange experiences on the sufficiency economy and be able to apply knowledge. obtained from a study visit to apply in the community.

2. The factors influencing the integration of innovation in improving the quality of life of the elderly according to the philosophy of sufficiency economy in the upper Northeastern region in all aspects with statistically significant at the 0.05 level were the private sector roles, the civil society roles, the local role. The predictor coefficients in raw scores (b) were .420, .275, and .040, respectively. The factor variables influencing the integration of innovation to improve the quality of life of the elderly according to the sufficiency economy philosophy were not statistically significant at the 0.05 level, namely the public sectors and the community leadership roles. which is inconsistent with the research of Maemuen, J. (2017:1) has researched new theory of agriculture in line with sustainable sufficiency economy. As a result of this objective study, the Sufficiency Economy Philosophy is a solution that enables farmers to live stably and sustainably. The importance of self-sufficiency, which has an important effect on farmers, is a good example to live on the middle path. Having diligence in pursuing the right career, knowing how to use the resources that are available for maximum benefit, being self-sufficient, knowing how to think about living and eating sufficiently. It is a guideline for the existence and conduct of people at all levels, from the family level, the community level to the state level, both in terms of developing and managing the country in a middle way, especially economic development to out of the world in the age of globalization. There are more than 4,000 royal projects are aimed at sustainable development and the balance between man and nature with the Sufficiency Economy Philosophy to bring practicality to all farmers. widely and sustainably.
3. **The innovation integration:** Innovations should be integrated with related work to implement concrete actions whereby the government and local authorities have applied integrated innovations to improve the quality of life of the elderly through the

adoption of the sufficiency economy seriously. This is inconsistent with the research of Phiromrat, K.(2010:1) researched lifestyle behaviors according to the Sufficiency Economy Philosophy of Rajabhat University students in Bangkok. The results of the study found that

- 1) The students of Rajabhat University had a high level of knowledge and understanding of the philosophy of sufficiency economy as a whole, when considering each Rajabhat University, it was found that every Rajabhat University had a high level of knowledge.
- 2) The students of Rajabhat University had a high level of overall living behavior according to the Sufficiency Economy Philosophy, Considering the immunization economy philosophy, students had a high level of behavior.
- 3) Students have opinions on applying the Sufficiency Economy Philosophy as a guideline for their lives as follows; (1) The aspect of daily life is saving money, preparing accounts for income and expenses, economically using all resources, and knowing the value of applying old things to be able to use again. (2) In terms of teaching and learning, the university should establish a curriculum for the subject "sufficiency economy", there should be sufficiency economy insertion in every course, a sufficiency economy club should be established and practice following the economic philosophy. sufficiency. (3) campaigning, such as making public relations media in the university, organizing training for knowledge both in theory and practice, and organizing the Sufficiency Economy Exhibition.
4. **The innovation management:** The Sufficiency Economy Philosophy must be used to integrate with innovation to seriously improve the quality of life of the elderly in the upper Northeastern region through a systematic structure. Following the research of Pomdam, O. (2018: 1) researched driving learning centers according to the philosophy of sufficiency economy in educational institutions under Lopburi Primary

Educational Service Area Office 2. The results showed that;

- 1) The process of developing a sufficiency educational institution into a learning center according to the philosophy of sufficiency economy has two development guidelines; (1) Incorporating the Sufficiency Economy Philosophy into an educational institution, where the administrator of the educational institution is the leader and manages the education in all dimensions, assigns the teachers to adopt it as a concept and practice in working and organizing activities. Learning to incorporate the philosophy of sufficiency economy into activities in educational institutions has been developed to become a sufficiency education institution and has continued to drive the whole school systematic process until it is developed into a center. Learning according to the philosophy of sufficiency economy in all aspects. (2) Implementing other projects and applying the Sufficiency Economy Philosophy as the principle of educational administration as a sufficiency education institution and a learning center based on the Sufficiency Economy Philosophy.
- 2) Guidelines for driving and factors affecting the success of learning centers according to the philosophy of sufficiency economy 5 steps: Step 1 : Preparation for adopting the philosophy of sufficiency economy to drive in educational institutions. Step 2 Organize the learning system. Step 3 Organization of school activities and learner development activities. Step 4 Context Change Step 5 Networking.

5. **The elderly empowering:** Innovations should be integrated to improve the quality of life for the elderly by using technology to systematically develop the potential of the elderly for effective development. This is consistent with the research of Tanai, K. (2008:1) researched the implementation of the Sufficiency Economy concept in Ban Thoet Thai School, Mae Fah Luang District, Chiang Rai Province. The results showed that

the implementation of the Sufficiency Economy concept in Ban Thoet Thai School, Mae Fah Luang District, Chiang Rai Province in all 4 aspects found that in terms of planning, implementation, performance verification, and overall improvement, it is at a moderate level and values based on the sufficiency economy concept should be instilled in students as much as possible. This followed by organizing seminars or study visits to develop teaching and learning management according to the sufficiency economy concept for teachers and personnel in educational institutions and to make teachers realize the importance of practicing according to the sufficiency economy concept respectively.

Recommendations

Policy Recommendations

1. Innovation integration should organize an academic conference to exchange knowledge about integrating innovation with a sufficiency economy in promoting the quality of life of the elderly, with serious planning following the Sufficiency Economy concept.
2. Innovation management should have a process to drive innovation management to improve the quality of life of the elderly by applying the philosophy of sufficiency economy to the learning center continuously and following the government policy.
3. To increase the potential of the elderly, community leaders should be involved in enhancing the elderly's potential and integrate innovation and sufficiency economy philosophy to change and enhance the elderly's potential concretely.

Suggestions for Practice

1. Campaign for stakeholders to understand the structural plan for integrating innovations to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy in the Upper Northeast with effective participatory practice.
2. Officers should be encouraged to participate in the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy in the upper northeastern region effectively.



3. Officers should be involved in integrating innovations to improve the quality of life for the elderly according to the Sufficiency Economy Philosophy in the upper Northeastern region by working together to effectively improve the quality of life for the elderly.

Suggestions for Further Research

1. It should be studied in depth by interviewing the model and methodology that has a structure of participation in all sectors for integrating innovations to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the Northeastern region. on efficiency.
2. Study the factors affecting the integration of innovation to improve the quality of life of the elderly according to the philosophy of sufficiency economy that has the participation of various organizations that are seriously beneficial to the development of the quality of life in the community.
3. Should study in applying the policy on the integration of innovation to improve the quality of life of the elderly according to the Sufficiency Economy Philosophy in the upper Northeastern region, participation of various network partners to improve the quality of life of the elderly more.

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