# FACTORS AFFECTING ECONOMIC DEVELOPMENT POLICIES IN NEW RURAL CONSTRUCTION: A REGULATORY IMPLICATION

Phan Van Tuan<sup>\*</sup>, Vu Thi Phuong Le<sup>\*</sup>, Pham Thi Binh<sup>\*</sup>, Nguyen Thi Kim Ngan<sup>\*\*</sup>, Nguyen Chi Hai<sup>\*\*\*</sup>

\* College of Social Sciences and Humanities, Vinh University, Vinh city, Vietnam
 \*\* An Giang University, Viet Nam National University Ho Chi Minh City (VNU-HCM), Long Xuyen city, Vietnam
 \*\*\* Corresponding author, An Giang University, VNU-HCM, Long Xuyen city, Vietnam
 Contact details: An Giang University, VNU-HCM, Ung Van Khiem street 18, Dong Xuyen ward, Long Xuyen city, An Giang province, Vietnam



How to cite this paper: Tuan, P. V., Le, V. T. P., Binh, P. T., Ngan, N. T. K., & Hai, N. C. (2024). Factors affecting economic development policies in new rural construction: A regulatory implication [Special issue]. *Journal of Governance & Regulation*, 13(4), 273–283. https://doi.org/10.22495/jgrv13i4siart6

Copyright © 2024 The Authors

This work is licensed under a Creative Commons Attribution 4.0 International License (CC BY 4.0). https://creativecommons.org/licenses/by/ 4.0/

ISSN Online: 2306-6784 ISSN Print: 2220-9352

**Received:** 23.12.2023 **Accepted:** 06.12.2024

JEL Classification: R11, R28, R38, R58 DOI: 10.22495/jgrv13i4siart6

# Abstract

Economic development in new rural construction is necessary to improve agricultural communities' quality of life and income while enhancing rural sustainability (Wang, 2022). This study aims to find the factors influencing the economic development policies in new rural construction in Vietnam, thereby discussing several aspects that contribute to improving the implementation efficiency of economic development policies in new rural construction. The methods used included descriptive statistical data analysis, exploratory factor analysis, and structural regression analysis. The analytical data were collected through a survey of 544 citizens in the Mekong Delta region of Vietnam. SPSS\_20 and AMOS\_24 software were used for data analysis, scale estimation, and hypothesis testing. The study results show that there are six factors influencing the economic development policies in new rural construction, including 1) infrastructure; 2) innovating agricultural production; 3) financial support policy; 4) labor market and employment policies; 5) diversified economic development; 6) local policies and management of local governments. The results of this study can help administrators understand and implement economic development policies in new rural construction (Wu et al., 2023). We can refer to this study to conduct further studies that require a large number of survey subjects in large areas.

**Keywords:** Factors, Economic Development Policies, New Rural Construction, Vietnam

**Authors' individual contribution:** Conceptualization — P.V.T., V.T.P.L., and P.T.B.; Methodology — N.T.K.N. and N.C.H.; Software — N.T.K.N. and N.C.H.; Validation — P.V.T. and V.T.P.L.; Formal Analysis — N.C.H.; Investigation — V.T.P.L. and P.T.B.; Resources — N.T.K.N. and N.C.H.; Data Curation — P.V.T., V.T.P.L., P.T.B., N.T.K.N., and N.C.H.; Writing – Original Draft — P.V.T., V.T.P.L., P.T.B., N.T.K.N., and N.C.H.; Writing – Review & Editing — P.V.T., V.T.P.L., and N.C.H.; Visualization — V.T.P.L. and P.T.B.; Supervision — N.T.K.N.; Project Administration — P.V.T., V.T.P.L., and N.C.H.

**Declaration of conflicting interests:** The Authors declare that there is no conflict of interest.

**Acknowledgements:** The Authors express their sincere gratitude to the citizens of the Mekong Delta and the local government for their invaluable cooperation in this research endeavor. This study would not have been possible without their willingness to share their insights and experiences.

VIRTUS

# **1. INTRODUCTION**

Building new rural areas in the urbanization process aims to orient planning, infrastructure investment, and economic environment and social services development by urbanization orientation (Ao et al., 2020). We are gradually preparing for regional urbanization while avoiding the waste of investment resources. The development of cities, industries and services helps create more jobs, transform the labor structure, reduce the rural labor force and increase the area of arable land (Chia et al., 2014). The development of industries and services will help increase people's incomes, creating conditions for investment in agriculture and rural areas (Tang, 2021). At the same time, the development of agriculture and manufacturing areas will support the development of industry, services, and labor in urban areas.

The economic development policy in new rural construction has attracted the attention of many researchers. However, many aspects such as infrastructure and technology for economic development have not been analyzed in depth, which reduces the ability to access and apply scientific and technological achievements in production and management (Prus & Sikora, 2021). Another gap is the need for mechanisms to ensure participation of local communities the in the planning and implementation of development projects. Current research needs mechanisms for policy evaluation, monitoring and adjustment. This makes the policies unable to quickly adapt to changes in reality. Current policies need solutions to strengthen regional economic linkages, which leads to localized development and lack of mutual support between regions (Yin et al., 2022). To overcome these gaps, there should be innovation in the approach, formulation, and implementation of new rural economic development policies, ensuring close links between sectors and regions and the participation of all relevant subjects.

Building new rural areas gradually connects them with modern socio-economic infrastructure and financial structure, connecting agriculture with industrial and service development and rural development with urban areas according to planning. People's material and spiritual lives are increasingly improving (Bryden & Munro, 2000). The pace of urbanization is happening quite rapidly in many localities. Building new rural areas combined with the urbanization process to form progressive residential areas has infrastructure suitable for the operation of industrialization and modernization of agriculture. We should restructure the agricultural economy, creating momentum for the development of commodity production (Curry, 2010). Economic growth in new rural construction contributes to shifting the labour structure from agriculture to non-agriculture, gradually creating conditions and environments to use the on-site labour force (Xuefeng, 2007). The purpose of this study is to explore factors affecting economic development policies in new rural construction. The research questions are as follows:

*RQ1: What factors influence the rural economic development policy?* 

*RQ2:* What solutions does the government have to implement the rural economic development policy?

The study was conducted through an experimental method by surveying residents within a selected area in Vietnam. Feedback from the respondents was collected and assessed for relevance. In recent years, localities in Vietnam have actively changed the direction of production and business, creating economic development and poverty reduction movements. Many households have become pioneers of effective economic development models. People have built new rural areas, creating the appearance of rural regions with many innovations (Do & Park, 2019). Economic development will strengthen and promote many aspects of rural development. Improving living standards will promote the transition of labor from agricultural to non-agricultural occupations (Yang et al., 2019). Faster acceleration of urbanization and movement of high-quality labor from the the agricultural sector will reduce the efficiency of agricultural production development (Xue et al., 2023).

policymakers, The will help study administrators and local governments consider rural infrastructure, energy and environmental criteria when creating new rural areas. More attention should be paid to economic development and positive change of rural life when creating new rural areas (Yurui et al., 2021). It promotes the leading role of cooperatives and enterprises in terms of investment capital, workforce development, and production and consumption markets. Thus, it will achieve the goal of efficient and sustainable construction of new rural areas.

Currently, many rural areas have not grown similarly for many reasons, including differences in geographical location, traditional industries, resources, and market advantages. Local authorities are not interested in implementing economic development solutions and increasing people's income (Bisogno et al., 2023).

The remainder of the paper is structured as follows. Section 2 includes a theoretical overview of the study. Section 3 describes the research method, including sample selection, data analysis, and research steps. Section 4 presents the research results using quantitative methods, including testing the scales and the structural model performed. Section 5 discusses the results and recommendations. Section 6 concludes the paper with relevant suggestions for future research.

# 2. LITERATURE REVIEW AND HYPOTHESES DEVELOPMENT

Currently, most countries divide their territory into rural and urban areas, differentiating them according to criteria and standards (Hausmann & Rodrik, 2003). Governments have used means of size and population density to differentiate between rural and urban areas, and Vietnam has relied on standards for regulation (Ao et al., 2020). According to the above statement, rural areas often have lower population and population density than urban areas (Lee & Gordon, 2005). However, historically, there are different points of view on the criteria for dividing into rural and urban areas. Some researchers believe that the main criterion for dividing should be the indicator of the level of infrastructure development (Ellis & Biggs, 2001). Another point of view is that one should rely on indicators of market access and product development to define rural areas. They believe that rural areas have lower levels of product production



and market access than urban areas (Murdoch, 2000). Incompatible concepts about rural areas have a negative impact on research on rural issues, which causes difficulties in planning policies for rural economic development.

## 2.1. Theoretical foundation

#### 2.1.1. Building new countryside

According to Mei et al. (2022), the construction of modern villages is conducive to high-quality economic development in rural areas by improving farmers' ability to cooperate, including the prospects of improving production capacity, protecting the environment, and enhancing farmers' culture and awareness. However, traditional rural areas also need to be transformed into new, more developed, stable and sustainable forms of rural areas. Therefore, it is necessary to determine the overall structure to form a type of rural organization in line with modern standards consistent with social development, which is more progressive than traditional rural areas in all aspects. At the same time, many researchers believe that new rural areas aim to improve rural facilities (Asher & Novosad, 2020).

According to Do and Park (2019), there are many perspectives on the concept of new rural areas, including the vision of new rural areas as modern, civilized countryside that still retains traditional beauty. The pristine countryside can also be rural; it also includes the functionality of villages and communes where farmers gather and mainly engage in agriculture (Hoang et al., 2021).

According to Bryden and Munro (2000), new approaches are needed to develop rural economy. New rural areas have characteristics different from traditional rural areas. People's material and spiritual life is improved, traditional cultural values are preserved and developed, and social security and democratic governance are achieved (Bryden & Munro, 2000). However, technological capabilities, technological level, leadership ability and significantly organizational culture affect the construction of new rural areas.

Long et al. (2009) suggest that new rural areas should focus on building infrastructure to leverage economic development from other sectors and apply new science and technology to increase people's income. The researchers propose a new rural formula, a unique rural area that integrates new farmers and agriculture.

# 2.1.2. Economic development policy

Economic development is the process of development and progress in all aspects of the economy. It includes economic growth and, at the same time, completeness in terms of structure, financial institutions, and quality of life (Tang, 2021). The development of the economy is determined by the corresponding policies that create the primary conditions for economic growth and increase the production scale of the economy (Long et al., 2010).

According to Yin et al. (2022), the change in economic structure is reflected in the proportion of regions, agriculture, industry, services sectors, and financial sectors. The balance of rural and urban areas has changed in favor of urban regions, with an increasing proportion of service and industrial sectors (Yin et al., 2022). The quality of life of people in society has been improved, including education, health care, caring for people's spiritual life and guaranteeing living environment (Liu et al., 2015). Therefore, economic development policy is a process implemented over time and is determined by many internal factors that determine the entire development process.

According to Mróz et al. (2023), the rural economic development policy is a system of interacting factors in agriculture, forestry, fisheries, industry and rural services, combined with a program for the creation of rural areas as such. The economic development policy is a set of economic relations that are organically linked to each other in rural areas and in the entire region, locality and national economy. It helps rural areas to have a reasonable economic structure and form of organization, production agricultural linking commodity production with industrial and service development. In addition, it helps to combine agricultural development with urban development in accordance with planning; people's material and spiritual lives are increasingly improved (Hai, Le, et al., 2023).

The economic development policy in new rural construction aims to build modern agriculture linked to the development of industry, handicrafts, and pastoral services, transforming the economic structure and labor structure in a positive direction (Li et al., 2020). Science and technology are a breakthrough in economic development policy for promoting building new rural areas, the transformation of the agricultural financial system towards sustainability (Pettersson et al., 2024). In this context, it is necessary to diversify the forms of production organization and develop modern socio-economic infrastructure to serve rural economic development, forming industrial and service clusters, export processing zones, ecotourism zones, modern socio-economic infrastructure, and rural-urban development (Jie et al., 2023).

According to Wang (2022), rural reconstruction is important for building a new development model. Social and economic development policies should be implemented to promote rural reconstruction and development. Economic and social policies focus on rural recovery, promoting growth in rural areas to promote rural economic development (Wang, 2022). Promoting rural development and improving economic and social life in rural areas is a group of policies, including economic recovery and growth, implementing financial procedures beneficial to social development, and implementing public policies and social policies that create conditions for integrated development (Cooke & Leydesdorff, 2006). All these policies will contribute to the overall prosperity of rural areas.

According to Phuong (2023), the National Target Program for new rural construction in Vietnam has achieved significant results in terms of the scale and speed of implementing new rural construction standards. It promotes the construction of new rural areas and the development of the country's economy and society (Phuong, 2023). However, some limitations are yet to be identified in the structure of local standards, sustainability of criteria, investment resources for new rural construction, quality and value of products and



policies. Therefore, solutions and factors that affect this result should be found. The implementation of the National Target Program for new rural construction in Vietnam should be considered from an economic and political perspective. By assessing the achievements as well as the nature and causes of the limitations, our study proposes solutions that will promote the effective implementation of the new rural construction policy across the country.

According to Wu et al. (2023), the authors argue that rural development depends on the construction industry's success due to the industry's high The development role employment rate. of the construction industry in rural areas and this phenomenon need to be researched. Therefore, the infrastructure factor is interesting. Deller et al. (2001) examine the impact of the construction industry and policies on sustainable rural development. Revenue, the growth rate of the construction industry, construction policy, and industrialization are positively associated with sustainable rural development (Wu et al., 2023). As infrastructure a country's improves, rural development will increase. Policymakers should consider how to effectively apply improvements in the construction industry to promote sustainable rural development (Ozkan et al., 2012).

According to Yao and Sun (2023), the advancement of information technology and digital technology has quickly penetrated all areas of the economy and is accelerating the process of rebuilding the infrastructure. It becomes a new driving force to promote economic growth and lead rural development. Applying information technology achievements to infrastructure development is necessary (Yurui et al., 2021).

According to Wei and Claire (2022), economic policy will promote agricultural development through promoting green agrarian development. According to the authors, appropriate economic policies should be built in the process of global integration, combining the digital economy and agriculture (Wei & Claire, 2022). The government should improve governance and formulate economic policies to create a suitable legal environment for green agricultural development (Xuefeng, 2007). At the same time, it should help farmers build financial awareness and professional skills to become economic professionals. Local conditions should develop agricultural development policies (Henisz, 2000).

In addition, a number of studies are interesting in the context of mentioning the theory and practical experience of sustainable development, which brings high economic benefits to local communities and protects the environment (Ricket et al., 2023). This is also important for the analysis of factors influencing economic development policies in new rural construction and their application within the research model of this work.

#### 2.2. Conceptual framework of the study

The framework of economic development policies in new rural construction is based on the available research. The study initially models the framework that there are six factors affecting the economic development policies in new rural construction, including 1) infrastructure; 2) innovating agricultural production; 3) financial support policies; 4) labor market and employment policies; 5) diversified economic development; 6) local policy and local government governance.

The following hypotheses were proposed based on available research theories for factors influencing economic development policies in rural areas.

*H1: Infrastructure factors affect the economic development policies for new rural construction.* 

*H2: Agricultural production innovation factors affect the economic development policies for new rural construction.* 

H3: Financial support policies affect the economic development policies for new rural construction.

H4: Labor market and employment policy factors affect the economic development policies for new rural construction.

H5: Diversified economic development factors affect the economic development policies for new rural construction.

H6: Local policy and local governance factors affect the economic development policies for new rural construction.

The research structure is shown in Figure 1.

#### Figure 1. Conceptual framework



Source: Authors' elaboration.



#### **3. RESEARCH METHODOLOGY**

The method of data gathering was used for this article. A questionnaire was developed on factors affecting economic development policies for new rural construction. The questionnaire contains questions assessing (on a Likert scale) factors influencing economic development policy in rural construction, including infrastructure factors, innovative agricultural production, financial support policy, labor market and employment policy, diversified economic development, and local policy factors and local government management.

The demographic characteristics of the respondents are presented in Table 1.

**Table 1.** Demographic characteristics of the sample

Characteristics and survey area	Number of respondents	Percentage	
1. Survey area	544	100%	
Hau Giang	45	8.3	
Soc Trang	70	12.9	
Bac Lieu	48	8.8	
Can Tho	98	18.0	
Tra Vinh	59	10.8	
An Giang	94	17.3	
Ca Mau	58	10.7	
Kien Giang	72	13.2	
2. The gender	544	100%	
Male	276	50.7	
Female	268	49.3	
3. Age (years old)	544	100%	
< 30	141	25.9	
30-40	135	24.8	
40-50	82	15.1	
> 50	186	34.2	
4. Education	544	100%	
Master or PhD	34	6.3	
College or Bachelor	170	31.3	
Professional diploma holders	116	21.3	
Other	224	41.2	
5. Occupation	544	100%	
State employees	48	8.8	
Company leadership	65	11.9	
Researchers	36	6.6	
Business staff	110	20.2	
Technical staff	59	10.8	
Teacher	94	17.3	
Freelance labor	58	10.7	
Other	74	13.6	
6. Monthly income (million VND)	544	100%	
< 10	125	23.0	
10-20	151	27.8	
20-30	82	15.1	
> 30	186	34.2	

To achieve the aim of the current research, the questionnaire was adapted from prior studies such as Do and Park (2019), Hai et al. (2023), and Phuong (2023). A 5-point Likert scale was used, ranging from "Strongly Disagree" (marked 1) to "Strongly agree" (marked 5). The questionnaire was distributed to 550 people in the Mekong Delta, Vietnam. A total of 544 valid responses were collected. The data collection process lasted four months (May to August 2023).

To evaluate the data collection for the research factors influencing economic development policy in new rural construction, the research method including scale appropriateness testing, exploratory factor analysis and structure testing were used. Survey responses were coded and analyzed using SPSS Version 20.0 and SPSS Amos 24.0 software to check the consistency of scales and factors, including the reliability of the Cronbach's alpha rating scale. Cronbach (1951) proposed the alpha coefficient to measure the internal consistency of variables within the same group. Cronbach's alpha can be used to assess the reliability of a scale and eliminate unreasonable variables from a research model (Cronbach, 1951).

Exploratory factor analysis (EFA) was conducted to assess the convergence and discriminant values of each variable within the factor group. The Kaiser-Meyer-Olkin (KMO) test should reach a value of 0.5 or higher ( $0.5 \le \text{KMO} \le 1$ ); Bartlett's test should be < 0.05; total explained variance  $\ge 50\%$ ; factor loading > 30% (Hair et al., 2010). Confirmatory factor analysis (CFA) to test the representativeness of the observed variables was assessed based on criteria such as unidirectionality, reliability, convergence, and specificity (Hu & Bentler, 1999).

Structural equation modeling (SEM) on AMOS was used to test the structural validity. The model has the index CMIN/df  $\leq$  5; CFI  $\geq$  0.8; RMSEA  $\leq$  0.08; PCLOSE  $\geq$  0.01 will be accepted (Hu & Bentler, 1999).

#### **4. RESEARCH RESULTS**

Cronbach's Alpha coefficient was used to check the strong correlation between rankings. Data analysis results in Table 2 show that all seven scales have high reliability. Cronbach's alpha coefficient is > 0.8, and the total correlation coefficient is > 0.3 (Cronbach, 1951). It demonstrates appropriateness for the scales.

Scales of measurement		No. of items	Cronbach's alpha	Corrected item-total correlation range	Mean
The infrastructure	INF	6	0.914	0.664-0.860	2.977
Innovating agricultural production	IAP	6	0.885	0.634-0.826	3.366
Financial support policy	FSP	6	0.901	0.635-0.892	3.674
Labor market and employment policy	LEP	6	0.963	0.817-0.918	3.093
Diversified economic development	DED	6	0.930	0.681-0.890	3.974
Local police and local government management	LPM	5	0.944	0.749-0.915	3.620
Economic development policy for new rural construction	EDP	5	0.949	0.795-0.882	3.768

Table 2. Results of testing the measurement scales

Source: Authors' calculation. Analysis of survey data by the authors in 2023, n = 544.

KMO test result = 0.864. Bartlett's test, Sig. value = 0.000 (< 0.05). The analysis results show that Eigenvalue = 1.408 ( $\geq$  1). The sum of squares of the cumulative factor loading = 75.532% ( $\geq$  50%), showing that the EFA model is appropriate (Hair et al., 2010). Therefore, all seven factors are retained in the research model, shown in Table 3.

The rotated matrix results in Table 3 show that 40 observed variables are classified into seven factors, and all observed variables have factor loading coefficients greater than 0.5 (Baumgartner & Homburg, 1996). Therefore, all seven factors are retained in the research structure.



Value         1         2         3         4         5         6         7           IEP5         0.926	Factor Var	Variable	Component							
LEP5         0.927         Image: Constraint of the second		variable	1	2	3	4	5	6	7	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		LEP5	0.927							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		LEP6	0.926							
IEP4         0.889 <t< td=""><td>1</td><td>LEP3</td><td>0.894</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	1	LEP3	0.894							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	LEP4	0.889							
LEP2         0.849                DED5         0.932		LEP1	0.886							
DED5         0.932              DED1         0.853		LEP2	0.849							
DED6         0.930              2         DED1         0.833               DED4         0.840                 DED2         0.763 <td></td> <td>DED5</td> <td></td> <td>0.932</td> <td></td> <td></td> <td></td> <td></td> <td></td>		DED5		0.932						
2         DED1         0.853              DED4         0.840		DED6		0.930						
2         DED4         0.840               DED2         0.763	2	DED1		0.853						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	2	DED4		0.840						
DED3         0.737         Image: Second seco		DED2		0.763						
INF5         0.871            33         INF3         0.843             INF3         0.804              INF1         0.739              INF1         0.739              INF1         0.739              INF2         0.715              IPM3         0.992              IPM2         0.851              IPM2         0.851              IPM1         0.787              FSP6          0.807             FSP3          0.6687             FSP4           0.653             IAP6           0.890             IAP4           0.613             IAP3           0.725		DED3		0.737						
INF6         0.843             33         INF3         0.804             INF3         0.791              INF1         0.739              INF2         0.715              IPM4         0.952              IPM3         0.933              IPM4         0.902              IPM3         0.927              IPM1         0.787              FSP5           0.801             FSP4           0.807             FSP1           0.807             FSP1           0.807             IAP6           0.807             IAP6           0.828             IAP2 <td></td> <td>INF5</td> <td></td> <td></td> <td>0.871</td> <td></td> <td></td> <td></td> <td></td>		INF5			0.871					
3         INF3         0.804         INF         INF           INF1         0.791         INF         INF         INF           INF2         0.715         INF         INF         INF           IPM4         0.715         INF         INF         INF           IPM4         0.952         INF         INF         INF           IPM3         0.927         INF         INF         INF           IPM2         0.851         INF         INF         INF           IPM1         0.927         INF         INF         INF           IPM2         0.851         INF         INF         INF           IPM1         INF         0.787         INF         INF           IPM1         INF         INF         INF         INF         INF           S         FSP6         INF         INF         INF         INF         INF           S         FSP6         INF         INF         INF         INF         INF         INF           S         FSP1         INF         INF         INF         INF         INF         INF           INF         INF         INF         INF		INF6			0.843					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2	INF3			0.804					
INF1         0.739         0.715         0.952           IPM4         0.715         0.952         0.953           IPM5         0.933         0.952         0.933           IPM3         0.927         0.927         0.915           IPM2         0.851         0.902         0.927           IPM1         0.787         0.902         0.916           FSP5         0.902         0.902         0.917           FSP6         0.902         0.902         0.917           FSP3         0.902         0.902         0.917           FSP4         0.902         0.728         0.917           FSP4         0.902         0.917         0.917           IAP6         0.902         0.917         0.917           IAP5         0.91         0.911         0.911           IAP2         0.91         0.725         0.717           IAP3         0.91         0	3	INF4			0.791					
INF2         0.715         0.952           LPM4         0.933         0.933           LPM5         0.933         0.933           LPM3         0.927         0.927           LPM2         0.851         0.902           LPM1         0.787         0.902           FSP5         0.902         0.902           FSP6         0.807         0.902           FSP3         0.807         0.807           FSP1         0.6687         0.6687           FSP4         0.653         0.811           IAP6         0.811         0.811           IAP5         0.0725         0.717           IAP4         0.073         0.725           IAP3         0.073         0.703           EDP4         0.00         0.703           EDP2         0.00         0.703           EDP2         0.00         0.703           EDP2         0.00         0.786           EDP3         0.00         0.766		INF1			0.739					
LPM4         0.952         0.933           4         LPM5         0.933         0.927           LPM3         0.927         0.927           LPM2         0.851         0.000           LPM1         0.787         0.902           FSP5         0.807         0.807           FSP3         0.807         0.807           FSP2         0.728         0.807           FSP1         0.6687         0.809           FSP4         0.653         0.890           IAP6         0.828         0.811           IAP6         0.0725         0.811           IAP4         0.0717         0.725           IAP3         0.0703         0.703           EDP4         0.073         0.703           EDP2         0.0725         0.703           EDP3         0.000         0.778		INF2			0.715					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		LPM4				0.952				
4         LPM3		LPM5				0.933				
LPM2         0         0.851         0         0           LPM1         0.787         0.902	4	LPM3				0.927				
LPM1         Image: constraint of the system of the sy		LPM2				0.851				
5         FSP5         0.902         0.899           FSP6         0.899         0.807         0.807           FSP3         0.002         0.807         0.807           FSP2         0.002         0.807         0.807           FSP1         0.687         0.6687         0.653           FSP4         0.653         0.890         0.811           IAP6         0.828         0.811         0.811           IAP2         0.0725         0.725         0.717           IAP3         0.000         0.703         0.703           EDP4         0.000         0.703         0.797           EDP2         0.000         0.778         0.778           EDP1         0.000         0.766         0.766           EDP3         0.000         0.766         0.766		LPM1				0.787				
FSP6          0.899            FSP3          0.807            FSP2          0.807            FSP1          0.728            FSP4          0.687            IAP6          0.653            IAP6          0.890            IAP5           0.890            IAP4           0.828            IAP3           0.725            IAP3           0.703            FDP4           0.703            FDP2           0.703            FDP2           0.703            FDP2           0.778            EDP1           0.778            EDP3            0.766		FSP5					0.902			
FSP3         0.807         0.807           FSP2         0.728         0.728           FSP1         0.687         0.687           FSP4         0.653         0.890           IAP6         0.890         0.890           IAP5         0.890         0.811           IAP5         0.81         0.811           IAP2         0.000         0.725           IAP3         0.000         0.703           EDP4         0.000         0.703           FDP2         0.000         0.778           EDP1         0.000         0.778           EDP3         0.000         0.766		FSP6					0.899			
5         FSP2         0         0.728         0.687           FSP1         0.687         0.687         0.687           FSP4         0         0.653         0.890           IAP6         0         0.811         0.828           IAP5         0         0.811         0.725           IAP2         0         0.725         0.717           IAP1         0.703         0.703         0.808           EDP2         0         0         0.725           EDP2         0         0         0.703           EDP2         0         0         0.778           EDP1         0         0         0.766           EDP3         0         0         0.766	-	FSP3					0.807			
FSP1         0.687         0.687           FSP4         0.653         0.890           IAP6         0.890         0.828           IAP5         0.890         0.828           IAP4         0.811         0.725           IAP3         0.717         0.703           EDP4         0.703         0.703           FEDP2         0.778         0.778           EDP1         0.778         0.778           EDP3         0.664         0.664	5	FSP2					0.728			
FSP4         0.653           IAP6         0.890           IAP5         0.890           IAP5         0.828           IAP4         0.811           IAP2         0.725           IAP3         0.717           IAP1         0.703           EDP4         0.703           EDP4         0.778           EDP1         0.766           EDP3         0.664		FSP1					0.687			
IAP6         0.890           IAP5         0.828           IAP4         0.811           IAP2         0.725           IAP3         0.717           IAP1         0.703           EDP4         0.797           EDP2         0.778           EDP1         0.766           EDP3         0.664		FSP4					0.653			
IAP5         0.828           IAP4         0.811           IAP2         0.811           IAP3         0.725           IAP3         0.717           IAP1         0.703           EDP4         0.797           EDP2         0.778           EDP1         0.766           EDP3         0.664		IAP6						0.890		
IAP4         Image: Constraint of the system of the sy		IAP5						0.828		
6         IAP2         0.725           IAP3         0.717           IAP1         0.703           EDP4         0.703           EDP2         0.707           EDP1         0.778           EDP3         0.766	C	IAP4						0.811		
IAP3         0.717           IAP1         0.703           EDP4         0.808           EDP2         0.797           EDP5         0.778           EDP3         0.664	6	IAP2						0.725		
IAP1         0.703           EDP4         0.808           EDP2         0.797           EDP5         0.778           EDP1         0.766           EDP3         0.664		IAP3						0.717		
EDP4         0.808           EDP2         0.797           EDP5         0.778           EDP1         0.766           EDP3         0.664		IAP1						0.703		
EDP2         0.797           EDP5         0.778           EDP1         0.766           EDP3         0.664		EDP4							0.808	
7         EDP5         0.778           EDP1         0.766           EDP3         0.664		EDP2							0.797	
EDP1         0.766           EDP3         0.664	7	EDP5							0.778	
EDP3 0.664		EDP1							0.766	
		EDP3		T		1			0.664	

Table	3.	Rotated	component	matrix
Tubic		notated	component	matin

Source: Analysis of survey data by the authors in 2023, n = 544.

The test result determined Composite reliability (CR) > 0.7 means that the reliability of the scale is guaranteed: Average variance extracted (AVE)  $\geq$  0.5, Maximum shared variation (MSV) < AVE, Square root of AVE (SqrtAVE) > Correlation between

constructs. Thus, the results of reliability and convergence testing in the structure (see Table 4) are guaranteed for all scales (Baumgartner & Homburg, 1996).

Table 4. Results of testing reliability and convergence in structure

Variable	CR	AVE	MSV	MaxR(H)	LEP	DED	INF	LPM	FSP	IAP	EDP
LEP	0.941	0.729	0.113	0.998	0.854						
DED	0.918	0.658	0.079	0.999	0.125	0.811					
INF	0.914	0.643	0.274	0.940	0.290	0.113	0.802				
LPM	0.941	0.764	0.084	0.980	-0.083	0.084	-0.029	0.874			
FSP	0.895	0.602	0.198	1.002	0.208	0.143	0.370	0.097	0.776		
IAP	0.886	0.571	0.141	0.926	0.091	0.102	0.256	-0.016	0.218	0.756	
EDP	0.950	0.791	0.274	0.954	0.336	0.281	0.524	0.291	0.445	0.375	0.890

*Source: Analysis of survey data by the authors in 2023, n = 544.* 

Structural equation modelling (SEM) analysis (in Figure 2) shows Chi-square = 2.190; CFI = 0.970; GFI = 0.878; RMSEA = 0.047; TLI = 0.967; PCLOSE = 0.951 were both satisfactory and accepted according Schumacker and Lomax (2004). The results of the linear structural model analysis in Figure 2 show the consistency in the research design. The results of testing the linear structure of the model of factors affecting economic development policy for new rural construction, shown in Figure 2, also show a significant value (*p-value*) for LEP = 0.000 (< 0.05), DED = 0.000 (< 0.05), INF = 0.000 (< 0.05), LPM = 0.000 (< 0.05), FSP = 0.000 (< 0.05), IAP = 0.000 (< 0.05), EDP = 0.000 (< 0.05). The significant value has proven an impact relationship between the independent and dependent variables (Hu & Bentler, 1999).

VIRTUS





Note: CMIN/DF — Chi-square divided by degrees of freedom; RMSEA — Root mean square error of approximation; GFI — Goodness of fit Index, CFI — Comparative fit index; TLI — Tucker-Lewis index. Source: Authors' elaboration.

The standardized regression coefficient results in Table 5 show factors affecting economic development policies for new rural construction, including *INF* = 0.332, *IAP* = 0.217, *FSP* = 0.181, *LEP* = 0.178, *DED* = 0.147, and *LPM* = 0.273.

The relationship direct effects	Estimates	Sig.	Standardized estimates
INF> EDP	0.349	0.000	0.332
IAP> EDP	0.240	0.000	0.217
FSP> EDP	0.187	0.000	0.181
LEP> EDP	0.251	0.000	0.178
DED> EDP	0.162	0.000	0.147
LPM> EDP	0.247	0.000	0.273

Table 5. Results of testing reliability and convergence in structure

Source: Analysis of survey data by the authors in 2023, n = 544.

#### **5. DISCUSSION**

The study's findings show that six factors affect economic development policies for new rural construction: infrastructure, innovative agricultural production, financial support policy, labor market and employment policies, diverse economic development, local policies, and local government management.

Testing hypothesis H1 confirms that infrastructure has an impact on economic development policies for new rural construction (standardized coefficient is 0.332). Therefore, H1 is accepted. Infrastructure such as roads, electricity, and clean water are essential to stimulate economic development and rural people's lives. The government provide stable and efficient energy sources, including electricity, biofuels, and renewable energy, to ensure sustainable development and reduce environmental impact (Trung et al., 2021). In addition, building a wastewater treatment system protects the environment and water sources while reducing health risks. The construction and infrastructure support of education and health systems enable the provision of quality education and health services to the community, as well as promote the construction of rural infrastructure and enable farmers to benefit from basic public services. It also represents a new way of promoting rural urbanization, replacing the traditional practice of living within the village (Wang et al., 2019).

The government should create retail outlets and markets to enable people to buy and sell goods and services conveniently. Support farmers with agricultural infrastructure such as equipment, cold storage and product handling facilities to add value



to agricultural produce (Nayyar & Malhotra, 2023). The construction of cultural infrastructure such as libraries, cultural centers and theatres contributes to the cultural development of society. Investments in infrastructure are therefore necessary to create a new, attractive and sustainable rural living environment. Quality infrastructure helps improve living conditions and increase the competitiveness of rural areas.

Testing hypothesis H2 confirms that agricultural production innovation's impact on economic development policy for new rural construction (standardized coefficient is 0.217). Therefore, H2 is accepted. Agricultural support policies and the application of new technology in agricultural production can improve rural people's productivity and income. Innovations in agricultural production are an integral part of creating new rural areas, increasing the productivity, efficiency, and sustainability of the farming system.

Transition to organic and sustainable agriculture helps reduce the use of chemicals and protect the environment. Investing in research and development in the agricultural sector helps create innovative solutions that are tailored to local conditions and stimulate innovation (Van der Ploeg et al., 2012). Promoting cooperation between farmers and enterprises helps farmers access new markets and access information to improve production efficiency (Tshikovhi et al., 2023). Policy support and incentives from the government help create a favorable environment for innovation and sustainable agricultural development. Innovation in agricultural production helps increase farmers' incomes and contributes to the sustainable development and modernization of rural areas (Cao & Solangi, 2023).

H3hypothesis confirms Testing that the financial support policy affects the economic development policy for new rural construction, (standardized coefficient is 0.181). Therefore, H3 is accepted. The government should have policies to support farmers in changing careers by providing financial support and training to farmers who want to change jobs or expand their businesses to areas other than agriculture. In addition, the government should develop policies that specifically support women farmers, including providing training, capital, and information to engage them in business and professional activities; and formulate social security and labor insurance policies to protect their rights and ensure a stable living standard of rural workers (Madaki et al., 2023).

Testing hypothesis *H*<sup>4</sup> confirms that the labor market and employment policies influence economic development policies for new rural construction (standardized coefficient is 0.178). Therefore, *H*<sup>4</sup> is accepted. Creating employment opportunities and improving working conditions can enhance rustic attractiveness and reduce urban pressure. The labor market and employment policies are essential in building new rural areas. Creating and maintaining stable employment opportunities in rural areas helps improve community income and promotes sustainable development (Nguyen, 2022).

Testing hypothesis *H5* confirms that the impact of diversified economic development on the policy of economic development of new rural construction (standardized coefficient is 0.147). Therefore, *H5* is accepted. Encouraging diversity in economic activities such as agriculture, food processing, and services can create stability and increase resilience to fluctuations (Ozkan et al., 2012). Diversified economic development in the building of new rural areas is an important goal to enhance the stability and sustainability of rural communities. Economic diversity helps reduce risks from different challenges and creates opportunities for innovation and growth.

The government should encourage diversity in agricultural production, including crop farming, animal husbandry, and processed food production; develop agricultural product processing solutions to create additional value; develop agricultural tourism to attract visitors to the community by providing unique agricultural and folk-art experiences (Rangarajan et al., 2012); support the development of the arts and crafts industry and create products with rural cultural characteristics for sale in the market; develop supporting services in rural areas, such as tourism development, guided tours, hotel services and professional education.

The state encourages the development of renewable energy projects such as solar power, wind, or bioenergy to generate new sources of income and protect the environment (Pham et al., 2023). The government should develop policies to support and fund startups and potential projects in rural communities. The diverse economic development process in rural areas must be considered comprehensively and integrated with economic, social, and environmental factors (Shiu & Lam, 2004).

Testing hypothesis *H6* confirms that local policy and local management affect economic development policies for new rural construction, (standardized coefficient is 0.273). Therefore, *H6* is accepted. Local government should have appropriate land management and distribution policies to ensure fair and sustainable agricultural and other land use (Pan et al., 2017). Create support programs to encourage collaboration between farmers and communities, including supporting the formation and development of cooperatives.

Local government policies and administration should be designed and implemented flexibly to reflect each rural community's specific needs and conditions (Peng et al., 2022). Local authorities' support and commitment are essential in creating a sustainable and positive development environment in new rural construction. Local government decisions and policies can influence how rural communities develop and exploit opportunities (Peng et al., 2021).

# **6. CONCLUSION**

The hypothesized research structure was tested on the scales to show the appropriateness of the factors. The results of the study verified the structural model of factors affecting the policy of economic development of new rural construction. Among them, six factors show the level of influence affecting economic development policies in new rural construction, including 1) infrastructure, 2) innovating agricultural production, 3) financial support policy, 4) labor market and employment policies, 5) diversified economic development 6) local policy and local government management. Thus, the results achieved in the study have satisfied the set objectives.

Some contents were discussed and proposed to help policymakers understand the relationship between independent factors such as infrastructure, innovative agricultural production, financial support policy, labor market and employment policy, diversified economic development, local policy, and local government management with economic development policy in new rural construction. should make adjustments Policymakers in infrastructure development investment, improve the lives of people in the area, link economic development with society and environmental protection, and develop diverse markets.

Researching factors affecting economic development policies in new rural construction has many essential advantages; it helps identify the main factors affecting economic development in rural areas, such as infrastructure, education, health, and the environment. This helps governments and regulatory agencies develop more appropriate and effective policies. The research results provide a scientific and practical basis for developing specific economic development strategies for each region suitable for each locality's conditions and Understanding the influencing characteristics. factors helps optimize resources and invest in areas that impact economic development most, avoid waste, and increase budget efficiency.

Economic development policies based on scientific research will contribute to improving the living conditions of rural people by increasing income, creating jobs, and improving public services. Understanding economic factors related to the environment and society helps develop sustainable economic development policies, ensuring development goes hand in hand with environmental protection and social development. Thus, researching factors affecting economic development policies in new rural construction provides essential scientific knowledge in implementing policies for effective and sustainable economic development.

In addition, research findings may need more diversity in approach and methods, omitting important factors or not fully reflecting reality's complexity. In many rural areas, economic, social, and environmental data may need to be completed; accurately assessing factors' impact on economic development is a big challenge. These limitations require researchers and policymakers to have a flexible approach, diversify research methods, and continuously update data on emerging factors, which will ensure the effectiveness and feasibility of economic development policies in new rural construction.

#### REFERENCES

- Ao, Y., Zhang, Y., Wang, Y., Chen, Y., & Yang, L. (2020). Influences of rural built environment on travel mode choice of rural residents: The case of rural Sichuan. *Journal of Transport Geography*, 85, Article 102708. https://doi.org/10.1016/j.jtrangeo.2020.102708
- Asher, S., & Novosad, P. (2020). Rural roads and local economic development. *American Economic Review*, *110*(3), 797–823. https://doi.org/10.1257/aer.20180268
- Baumgartner, H., & Homburg, C. (1996). Applications of structural equation modeling in marketing and consumer research: A review. *International Journal of Research in Marketing*, 13(2), 139–161. https://doi.org/10.1016 /0167-8116(95)00038-0
- Bisogno, M., Cuadrado-Ballesteros, B., Rossi, F. M., & Peña-Miguel, N. (2023). Sustainable development goals in public administrations: Enabling conditions in local governments. *International Review of Administrative Sciences, 89*(4), 1223–1242. https://doi.org/10.1177/00208523221146458
- Bryden, J., & Munro, G. (2000). New approaches to economic development in peripheral rural regions. *Scottish Geographical Journal*, *116*(2), 111-124. https://doi.org/10.1080/00369220018737085
- Cao, J., & Solangi, Y. A. (2023). Analyzing and prioritizing the barriers and solutions of sustainable agriculture for promoting sustainable development goals in China. *Sustainability*, *15*(10), Article 8317. https://doi.org/10.3390/su15108317
- Chia, F. C., Skitmore, M., Runeson, G., & Bridge, A. (2014). Economic development and construction productivity in Malaysia. *Construction Management and Economics*, 32(9), 874-887. https://doi.org/10.1080 /01446193.2014.938086
- Cooke, P., & Leydesdorff, L. (2006). Regional development in the knowledge-based economy: The construction of advantage. *The Journal of Technology Transfer, 31*, 5–15. https://doi.org/10.1007/s10961-005-5009-3
- Cronbach, L. J. (1951). Coefficient alpha and the internal structure of tests. *Psychometrika*, *16*, 297–334. https://doi.org/10.1007/BF02310555
- Curry, N. (2010). The incompatibility of economic development policies for rural areas in England. *Local Economy*, *25*(2), 108–119. https://doi.org/10.1080/02690941003741101
- Deller, S. C., Tsai, T. H., Marcouiller, D. W., & English, D. B. (2001). The role of amenities and quality of life in rural economic growth. *American Journal of Agricultural Economics*, *83*(2), 352–365. https://doi.org/10.1111/0002-9092.00161
- Do, M. H., & Park, S. C. (2019). Impacts of Vietnam's new rural development policy on rural households' income: Empirical evidence from the Heckman selection model. *International Review of Public Administration, 24*(4), 229–245. https://doi.org/10.1080/12294659.2019.1662165
- Ellis, F., & Biggs, S. (2001). Evolving themes in rural development 1950s-2000s. *Development Policy Review*, 19(4), 437-448. https://doi.org/10.1111/1467-7679.00143
- Hai, N. C., Le, V. T. P., Son, N. T., & Tuan, P. V. (2023). Evaluation of citizens' satisfaction with the quality of public administrative services in the Mekong Delta, Vietnam. *GeoJournal of Tourism and Geosites*, 48(2spl), 751–762. https://doi.org/10.30892/gtg.482spl09-1075
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate data analysis*. (7th ed.). Pearson, New York.
- Hausmann, R., & Rodrik, D. (2003). Economic development as self-discovery. *Journal of Development Economics*, *72*(2), 603–633. https://doi.org/10.1016/S0304-3878(03)00124-X
- Henisz, W. J. (2000). The institutional environment for economic growth. *Economics & Politics, 12*(1), 1–31. https://doi.org/10.1111/1468-0343.00066

VIRTUS

- Hoang, T. H., Kien, D. T., & Minh, N. D. (2021). Development of energy efficiency action plan at provincial level of Vietnam. *International Journal of Energy Economics and Policy*, 11(6), 60–67. https://doi.org/10.32479/ijeep.11624
- Hu, L. T., & Bentler, P. M. (1999). Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. *Structural Equation Modeling*, 6, 1–55. https://doi.org/10.1080 /10705519909540118
- Jie, H., Khan, I., Alharthi, M., Zafar, M. W., & Saeed, A. (2023). Sustainable energy policy, socio-economic development, and ecological footprint: The economic significance of natural resources, population growth, and industrial development. *Utilities Policy*, *81*, Article 101490. https://doi.org/10.1016/j.jup.2023.101490
- Lee, Y., & Gordon, R. H. (2005). Tax structure and economic growth. *Journal of Public Economics, 89*(5–6), 1027–1043. https://doi.org/10.1016/j.jpubeco.2004.07.002
- Li, Z., Luan, W., Zhang, Z., & Su, M. (2020). Relationship between urban construction land expansion and population/economic growth in Liaoning Province, China. *Land Use Policy*, *99*, 105–022. https://doi.org/10.1016/j.landusepol.2020.105022
- Liu, Y., Luo, T., Liu, Z., Kong, X., Li, J., & Tan, R. (2015). A comparative analysis of urban and rural construction land use change and driving forces: Implications for urban-rural coordination development in Wuhan, Central China. *Habitat International*, *47*, 113–125. https://doi.org/10.1016/j.habitatint.2015.01.012
- Long, H., Liu, Y., Li, X., & Chen, Y. (2010). Building new countryside in China: A geographical perspective. *Land Use Policy*, *27*(2), 457-470. https://doi.org/10.1016/j.landusepol.2009.06.006
   Long, H., Liu, Y., Wu, X., & Dong, G. (2009). Spatio-temporal dynamic patterns of farmland and rural settlements in
- Long, H., Liu, Y., Wu, X., & Dong, G. (2009). Spatio-temporal dynamic patterns of farmland and rural settlements in Su-Xi-Chang region: Implications for building a new countryside in coastal China. *Land Use Policy*, 26(2), 322–333. https://doi.org/10.1016/j.landusepol.2008.04.001
- Madaki, M. Y., Kaechele, H., & Bavorova, M. (2023). Agricultural insurance as a climate risk adaptation strategy in developing countries: A case of Nigeria. *Climate Policy*, *23*(6), 747–762. https://doi.org/10.1080 /14693062.2023.2220672
- Mei, Y., Miao, J., & Lu, Y. (2022). Digital villages construction accelerates high-quality economic development in rural China through promoting digital entrepreneurship. *Sustainability*, *14*(21), Article 14224. https://doi.org/10.3390/su142114224
- Mróz, A., Komorowski, Ł., Wolański, M., Stawicki, M., Kozłowska, P., & Stanny, M. (2023). The impact of territorial capital on cohesion policy in rural Polish areas. *Regional Studies*, 57(3), 497-510. https://doi.org/10.1080/00343404.2022.2091774
- Murdoch, J. (2000). Networks A new paradigm of rural development? *Journal of Rural Studies*, *16*(4), 407-419. https://doi.org/10.1016/S0743-0167(00)00022-X
- Nayyar, D., & Malhotra, R. (2023). Economic and social policies for human development. *Journal of Human Development and Capabilities*, 24(4), 439–467. https://doi.org/10.1080/19452829.2023.2252645
- Nguyen, C. H. (2022). Factors affecting the development of cultural tourism in the Mekong Delta, Vietnam. *The Journal* of Asian Finance, Economics and Business, 9(3), 123–133. https://doi.org/10.13106/jafeb.2022.vol9.no3.0123
- Ozkan, F., Ozkan, O., & Gunduz, M. (2012). Causal relationship between construction investment policy and economic growth in Turkey. *Technological Forecasting and Social Change*, *79*(2), 362–370. https://doi.org/10.1016/j.techfore.2011.04.007
- Pan, J., Luo, C. L., & Wen, T. (2017). Three "centuries": The context and development of rural construction in China. *Inter-Asia Cultural Studies*, *18*(1), 120–130. https://doi.org/10.1080/14649373.2017.1278820
- Peng, J., Zhao, Z., & Chen, L. (2022). The impact of high-standard farmland construction policy on rural poverty in China. *Land*, *11*(9), Article 1578. https://doi.org/10.3390/land11091578
- Peng, Y., Latief, R., & Zhou, Y. (2021). The relationship between agricultural credit, regional agricultural growth, and economic development: the role of rural commercial banks in Jiangsu, China. *Emerging Markets Finance and Trade*, *57*(7), 1878–1889. https://doi.org/10.1080/1540496X.2020.1829408
- Pettersson, K., Ahl, H., Berglund, K., & Tillmar, M. (2024). Paying lip service to gender inequality EU rural development policy in Sweden. *Gender, Place & Culture*, 1–23. https://doi.org/10.1080 /0966369X.2024.2312358
- Pham, D. T., Van Pham, H., & Dang, T. Q. (2023). Renewable energy consumption, energy efficiency, trade, economic development and FDI on climate change in Vietnam. *International Journal of Energy Economics and Policy*, 13(6), Article 8. https://doi.org/10.32479/ijeep.14571
- Phuong, V. T. H. (2023). The national target program on building new-style rural areas in Vietnam: The current situation and solutions in economic aspects. *European Journal of Social Sciences Studies, 8*(5), 58–72. https://doi.org/10.46827/ejsss.v8i5.1463
- Prus, P., & Sikora, M. (2021). The impact of transport infrastructure on the sustainable development of the region Case study. *Agriculture*, *11*(4), Article 279. https://doi.org/10.3390/agriculture11040279
- Rangarajan, K., Long, S., Ziemer, N., & Lewis, N. (2012). An evaluative economic development typology for sustainable rural economic development. *Community Development*, 43(3), 320–332. https://doi.org /10.1080/15575330.2011.651728
- Ricket, A. L., Knutsen, F. B., Jolley, G. J., & Davis, S. C. (2023). Appalachian social entrepreneurship ecosystem: A framework for rural development. *Community Development*, 54(3), 315–336. https://doi.org/10.1080 /15575330.2022.2155676
- Schumacker, R. E., & Lomax, R. G. (2004). *A beginner's guide to structural equation modeling* (2nd ed.). Psychology Press. https://doi.org/10.4324/9781410610904
- Shiu, A., & Lam, P. L. (2004). Electricity consumption and economic growth in China. *Energy policy*, *32*(1), 47–54. https://doi.org/10.1016/S0301-4215(02)00250-1
- Tang, B. (2021). A study on harmonious rural tourism environment under the construction of the socialism new rural. In E3S Web of Conferences (Vol. 235, Article 02051). EDP Sciences. https://doi.org/10.1051 /e3sconf/202123502051
- Trung, N. S., Hai, D. H., Nga, V. T. Y., & Hanh, T. T. (2021). The working capacity of Vietnamese local civil servants. In X. S. Yang, S. Sherratt, N. Dey, & A. Joshi (Eds.), *Proceedings of Fifth International Congress on Information and Communication Technology. Advances in Intelligent Systems and Computing* (Vol. 1184, pp. 164–175). Springer. https://doi.org/10.1007/978-981-15-5859-7\_16

VIRTUS

- Tshikovhi, N., More, K., & Cele, Z. (2023). Driving sustainable growth for small and medium enterprises in emerging urban-rural economies. Sustainability, 15(21), Article 15337. https://doi.org/10.3390/su152115337
- Van der Ploeg, J. D., Jingzhong, Y., & Schneider, S. (2012). Rural development through the construction of new, nested, markets: Comparative perspectives from China, Brazil and the European Union. Journal of Peasant
- *Studies*, *39*(1), 133–173. https://doi.org/10.1080/03066150.2011.652619 Wang, J., Li, Y., Wang, Q., & Cheong, K. C. (2019). Urban-rural construction land replacement for more sustainable land use and regional development in China: Policies and practices. Land, 8(11), Article 171. https://doi.org/10.3390/land8110171
- Wang, S. (2022). The economic-social policy of resilient development and common prosperity in the construction of new development paradigm and rural revitalization. China Journal of Social Work, 15(3), 294-309. https://doi.org/10.1080/17525098.2022.2088052
- Wei, G., & Claire, K. (2022). The promise of the Internet for rural economic development in China: A study of agricultural e-commerce. *Peking University Law Journal*, 10(2), 151–172. https://doi.org/10.1080/20517483.2023.2171595
- Wu, X., Ma, T., Zhang, J., & Shi, B. (2023). The role of construction industry and construction policy on sustainable rural development in China. *Environmental Science and Pollution Research, 30*(3), 7942-7955. https://doi.org/10.1007/s11356-022-22632-6
- Xue, E., Li, J., & Li, X. (2023). Mapping historical trends of sustainable rural education policy development in China. *Educational Philosophy and Theory, 55*(2), 217–226. https://doi.org/10.1080/00131857.2021.2008358 Xuefeng, H. (2007). New rural construction and the Chinese path. *Chinese Sociology & Anthropology, 39*(4), 26–38.
- https://doi.org/10.2753/CSA0009-4625390402
- Yang, Y., Liu, Q., & Wang, M. (2019). Comparing the residential sustainability of two transformation models for Chinese urban villages: Demolition/relocation market-oriented and new rural construction. Sustainability, 11(15), Article 4123. https://doi.org/10.3390/su11154123
- Yao, W., & Sun, Z. (2023). The impact of the digital economy on high-quality development of agriculture: A China case study. Sustainability, 15(7), Article 5745. https://doi.org/10.3390/su15075745
- Yin, X., Chen, J., & Li, J. (2022). Rural innovation system: Revitalize the countryside for a sustainable development. Journal of Rural Studies, 93, 471-478. https://doi.org/10.1016/j.jrurstud.2019.10.014
- Yurui, L., Xuanchang, Z., Zhi, C., Zhengjia, L., Zhi, L., & Yansui, L. (2021). Towards the progress of ecological restoration and economic development in China's Loess Plateau and strategy for more sustainable development. Science of the Total Environment, 756, Article 143676. https://doi.org/10.1016 /j.scitotenv.2020.143676

VIRTUS 283