


孙立群 孙福田 著

# 农村教育与经济社会

STUDIES ON CONCERTED RELATIONS BETWEEN ECONOMIC AND SOCIAL DEVELOPMENT WITH RURAL EDUCATION

## 协调发展关系的 研究

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## 研究

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# 自序

“农村教育与经济社会协调发展关系的研究”是时代对我们提出的客观要求，也是我们面临的紧迫任务。我国作为农业大国，农业是国民经济的基础，农民占全国人口的绝大多数，农村在社会结构中占很大的比重。从这个角度而言，中国问题就是农业、农村和农民问题，中国经济社会持续稳定的发展离不开农业与农村的发展。农村教育在全面建设小康社会中具有基础性、先导性和全局性作用。提高人口素质，促进国民经济的增长，全面实现建设小康社会的目标，需要发展农村教育。我国农民科技、文化和心理素质与农村现代化建设的实际不相适应。探讨农村教育与经济、社会发展的协调关系，具有重要的理论与现实意义。它不仅奠定经济社会可持续发展的基础，推进农村工业化与城镇化，促进农村精神文明建设，还丰富了具有中国特色的国民教育理论体系。

本研究内容是在作者主持的黑龙省新世纪高等教育改革工程项目《区域经济与区域高等教育关系研究》和黑龙省教育厅人文社会科学项目《黑龙省农业教育与农村经济社会可持续发展研究》两个课题研究基础上的扩展。本书以黑龙省这一农业大省作为典型例证，全面、系统地论述了农村教育与经济社会发展的关系，并提出具有普

遍指导意义的农村教育与经济社会协调发展的对策。研究的目的在于改革与发展农村教育,加强农村教育为经济社会发展服务的能力,使农村教育更好地适应和引导农村现代化建设与全面建设小康和谐社会。

本书对农村教育与经济社会关系的国内外研究现状在理论、实践与模型方面的成果进行全面综述,认为对该问题的理论与实践研究有诸多需要深入探讨之处,并在此基础上寻找自己研究的起点和侧重点。

本书立足于黑龙江省农村经济社会发展的现状与趋势,研究农村教育产生与发展的资源、经济与社会背景。采用DEA方法测算了黑龙江省农村教育对农业的贡献率,测算结果进一步证明了农村教育在农村经济社会发展中所做的贡献。还运用组合预测方法对黑龙江省农村劳动力的转移进行了预测,预测结果显示了农村劳动力向第二、三产业转移加速的趋势,同时也验证农村教育在劳动力转移中所起的作用。设计了黑龙江省农村经济社会可持续发展指标体系,并对黑龙江省可持续发展进行了综合评价,找出黑龙江省农村经济与社会发展的优势与问题,进而为农村教育与经济社会协调发展关系的研究提供基础。

本书对现代农村教育的内涵与功能进行理论研究,在农村概念不断演化发展的基础上,界定了农村教育及其本质特征,并且概括出农村教育的人才再生产、普及推广科技知识、全面素质教育及社会服务功能。

本书针对黑龙江省农村教育实际,提出农村教育现存问题,认为农村教育与经济社会发展有不相适应之处。对

农村教育与经济社会协调发展的理论与模式进行研究,在不同层次与水平上剖析农村教育与经济社会的复杂关系,还采用数学模型描述农村教育与经济社会协调关系,分析农村教育与经济社会相协调的机制,构建了农村教育、资源和农村教育系统内部各要素之间的协调模式。

本书开展具有普遍指导作用的农村教育与经济社会协调发展的对策研究,从树立农村教育可持续发展观,进行农村教育适应经济社会发展的宏观设计,完善农村教育结构体系、理顺管理关系、拓宽农村教育内容、提高师资水平、改善办学条件、加强和加速教育立法等方面提出建议。

上述研究采用定量与定性相结合、理论与实践相结合、现实与未来相结合的方法,为农村教育促进经济社会发展,实现富民强国的战略目标寻求可行之路。本研究在理论、实践与方法方面不仅对黑龙江省农村教育进一步发展提供思路,也在全面提高农村劳动者素质,促进区域经济社会的可持续发展方面具有参考价值。

孙立群 孙福田

2007年3月于东北农业大学

# PREFACE

It is impersonal demands in the times to study on concerted relations between economic and social development with rural education. Also it is a pressuring task that we are facing. China is a large agricultural state. It depends on agriculture as foundation of national economy. Populations of farmers are majority in our nation. Rural area is expensive in our state. Therefore, major problems in China are the problems of agriculture, countries and farmers. If development of economy and society were stable and sustainable, development of agriculture and countries must get a head in China. So rural education take a role of foundation, leading and entireness. It is necessary to develop rural education in order to uplift qualities of population, promote increasing of national economy and actualize the aim of richness. But the qualities of farmers on science, technology, culture and psychology are not assorted with rural modernization. So it is significant on theory and practice to study on the concerted relations between economic and social development with rural education. Because the studies lay foundation for sustainable development of rural economy and society, boost rural industrialization and urbanization, promote rural spiritual civilization and enrich the theory about Chinese public educational system.

The contents of the studies were come from two projects of that the authors have taken charge for the educational government



in Heilongjiang province. The projects were the studies on the relation between regional economy and regional high education and the studies on sustainable development of agricultural education, rural economy and society. Heilongjiang province—the large agricultural province was illustrated in the book. The relations among rural education, economy and society were discussed roundly and thoroughly. Some tactics were brought forward about how to deal with the relations. So the studies have universality significance to conduct our works. Aim of the study lies in adjusting rural education, enhancing ability that rural education serves for economy and society, as well satisfying with construction of richness society and rural modernization.

The book summarized internal and external theories, practices and models on the relations on the relations among rural education, economy and society. Some problems of theories and practices in the subject must be discussed. And the studies were established on this foundation.

The studies based on status and trends of rural economy and society in Heilongjiang province. Backgrounds of rural education on resource, economy and society were revealed. The method of DEA model was used to estimate contribute ratio on agriculture given by rural education in Heilongjiang province in the book. The result testifies that rural education devotes to rural economy completely. Meanwhile combinative forecast models were used to predict transfer of rural labors in Heilongjiang province. The accelerated trend that rural labors transfer to the second and the third industry were reveal. Meanwhile the role that rural education takes in the transfer of labors was proved. System of indicators to evaluate rural sustain-

## PREFACE

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able development was designed in the book. Some superiorities and problems on rural economy and society in Heilongjiang province were revealed through synthetic evaluation to sustainable development of economy and society in Heilongjiang province using the indicators. Thus foundations to study rural education assorting with economy and society were provided.

The concept and function of rural education were given in the studies. The concept and essence of rural education were evolved with country development. Some functions of rural education were summed up, such as reproduction of rural labors, popularity and extension of science and technology, improving the qualities of farmers and serving for rural society.

Problems of rural education at present were raises, and some conflicts were cognized aiming at status of rural education in Heilongjiang province in the book. Concerted relations between economic and social development with rural education were studied. Complex relations of economic and social development with rural education were analyzed in different levels and aspects. Some expressions were selected and adopted to describe the relations. Mechanisms of rural education assorting with economy and society were explored. Modes on concerted relation of rural education with resources and modes of concerted relations among factors in rural education were given.

The book provided some viable tactics on rural education assorting with economy and society in general. They included establishing rural education options of sustainable development, paying attention to holistic studies, consummating the frame of rural education, adjusting the relations of management, widen contents of rural educa-

tion, uplifting the levels of rural teachers, raising investment in rural school conditions, and reinforcing and expediting educational legislation etc.

Some research methods were adopted such as quantitative analysis combining with qualitative, theory combining with practice, realistic combining with future in the studies. It will be hoped to search for viable ways that rural education promotes development of economy and society, to realize opulence of people and great power of our nation. Theories, practices and methods of the studies not only have guiding significance to developing rural education in Heilongjiang province, but also have expansive fore ground in application for uplifting qualities of farmers and promoting sustainable development of regional economy and society.

Sun Liqun Sun Futian

March, 2007

in Northeast Agricultural University

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