

QYUJINGJIFAZHANHUANJINGZHIBIAO
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区域经济发展 环境指标体系及 优化方案设计

—— 以山东省为例

庞敦之 著



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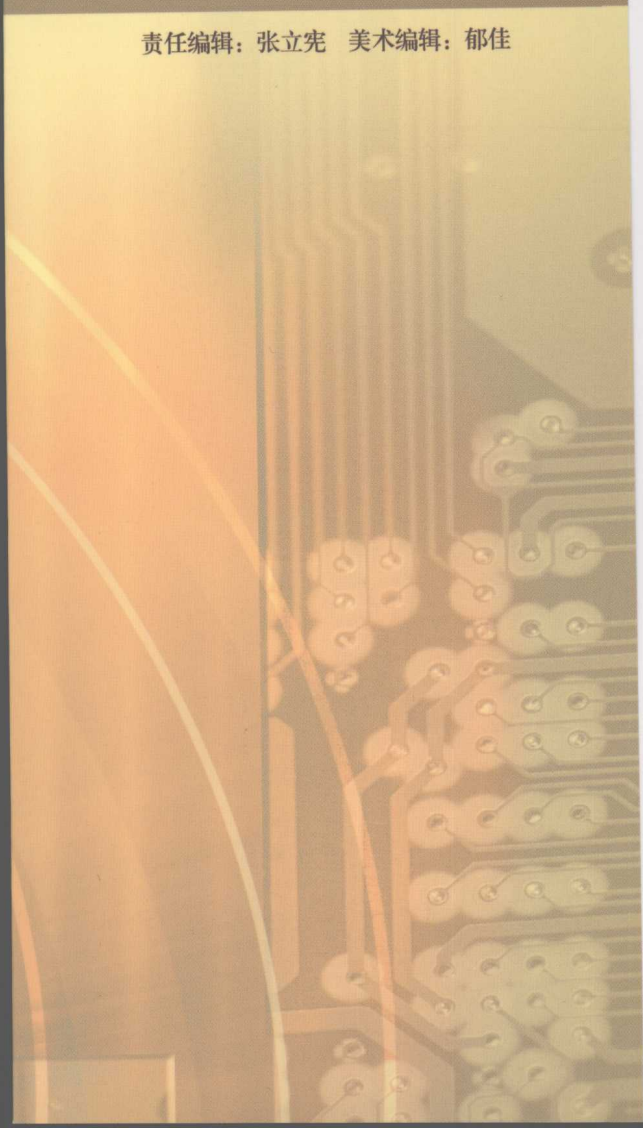
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摘 要

我国“十一五”规划提出，要以邓小平理论和“三个代表”重要思想为指导，以科学发展观统领经济社会发展全局，而科学发展必须要把经济社会发展切实转入全面协调可持续发展的轨道。全面协调可持续发展的关键就在于市场经济的主体——企业的发展壮大，而企业的发展壮大又依赖于经济发展环境的优化。经济发展环境就是生产力，营造良好的区域经济发展环境不仅是区域战略层面的大事，更是一个区域是否能造就富有竞争力的企业、推动区域持续科学发展的关键。2006年，在党的十六届六中全会上，全面性研究了构建社会主义和谐社会的若干重要问题，其中关于人与人、人与社会、人与自然和谐发展的重要论述，涉及经济发展环境的各个层面。因此，从这些方面看，改善区域经济发展环境就成为当前政府工作的主要任务之一。

实践的发展需要理论上的跟进，政府决策

需要理论研究的支撑。但是,与区域经济发展的实践不相符的是,理论界对区域经济发展环境的研究甚少。从已有的一些研究成果来看,过去对区域经济发展环境的研究甚少,既没有形成比较统一的区域经济发展环境内涵,也没有建立起适合大多数区域的经济发展环境指标体系,即便有的地方进行了一些研究,提出了一些对策和建议,也大都是肤浅的、定性的或应用范围和实用性很有限的。因此,深入研究区域经济发展环境的指标体系和优化方案既可以弥补以往理论研究的不足,又可以为政府相关部门优化本地经济发展环境,促进区域经济社会发展提供可靠科学依据。

本书采用理论与经验研究相结合的研究方法,同时,还利用了文献法、调查研究法、访谈法、比较研究法和统计分析方法等具体研究方法。本书的研究思路:首先,在国内外相关研究基础上,从系统视角对区域经济发展环境进行科学界定,研究区域经济发展环境指标体系的范围、设计原则和设计方法,构建了四级区域经济发展环境指标体系。其次,设计了区域经济发展环境综合评价的方法——熵值法、 G_1 法和“乘法”集成法,并以此对20世纪90年代以来我国山东省的经济发展环境进行了综合评价。再次,在更大区域范围内,利用战略眼光对山东省与周边区域的经济发展环境进行了比较研究。最后,在对未来山东省经济发展环境进行定性、定量预测基础上,设计了未来15年优化山东省经济发展环境的总方案,并提出了具体的优化方案和建议。

本书的创新主要体现在以下几个方面:

1. 对区域经济发展环境指标体系的创新。本书在构建指标体系时,把区域经济发展环境水平指数和区域经济发展环境可持



续发展指数同作为区域经济发展环境综合指数的二级指数。

2. 对区域经济发展环境评价模型的创新。本书的评价模型是一种利用“乘法”集成法把 G_1 法和熵值法综合起来的一种综合评价模型, 所以, 评价更科学、更客观。

3. 本书不限于对山东省经济发展环境的分析, 而是跳出山东省, 在更大区域范围内利用战略眼光对山东省与周边区域的经济发展环境进行比较, 得出“加强山东同环渤海经济区的合作也是优化山东省经济发展环境的一种方案”。

4. 本书的趋势预测方法虽然也有人在研究其他问题时提到过, 但本书设计的三种经济发展环境备选方案的组合以及用此定量方法来选择山东省经济发展环境的优化方案还是具有一定创新意义的。

通过以山东省为例研究区域经济发展环境指标体系及优化方案, 得出本书的主要结论如下:

1. 本书构建了区域经济发展环境的四级指标体系: 一级指标为区域经济发展环境综合评价指数; 二级指标为区域经济发展环境水平指数 (评价区域经济发展环境的水平) 和区域经济发展环境可持续发展指数 (评价区域经济发展环境的可持续发展状况); 三级指标有两类, 第一类是对各区域经济发展环境水平的分别评价, 第二类是对区域经济发展环境可持续发展的分别评价, 这两类都由资源支持指数、环境支持指数、社会进步指数和经济水平指数构成; 四级指标为具体指标。

2. 区域经济发展环境一般要经历三个阶段, 这三个阶段分别是差 (低水平、弱可持续发展)、中 (中等水平、基本可持续发展) 和良好 (高水平、强可持续发展)。

3. 优化区域经济发展环境的总方案是: 按照科学发展观和



建设和谐社会的要求,努力打造资源节约型、环境友好型、人与自然相和谐的良好经济发展环境,实现经济社会快速协调可持续发展。另外,优化区域经济发展环境除了要立足本区域做好经济发展环境工作外,还要加强区域间的协作,为区域间的产业转移和要素自由流动创造条件,在更大空间实现资源的优化配置。

关键词: 区域经济发展环境; 指标体系; 熵值法; 优化方案; 山东

Abstract

According to the eleventh 5 – year planning of our country, under the guidance of Deng Xiaoping Theory and the Three Represent Important Thought, China's social and economic development should fully embody the scientific developing concept, and make sure to get on the track of comprehensive, harmonious and sustainable development. The key of the sustainable and overall coordination development lies in the enlargement and development of corporations, which are the subject of market economy, and depends on the optimization of economic developing environment. To some extent economic developing environment could be taken as productivity. To establish a good regional economic developing environment is not only vital to the regional strategy, but also determinant in creating competitive companies and promoting the sustainable regional development. In 2006, the Sixth Plenary



Session of the 16th National Party comprehensively analysed a number of important issues on building a socialist harmonious society. Among these important issues, relations between people, people and society, man and nature involves all aspects of economic developing environment. Because of all these reasons above, to improve regional economic developing environment is one of the current tasks of the government.

The improvement of practice is effective only when rational theoretical support is provided, namely, the government's decision - making process needs the support of theoretical research. However, what is incompatible with the regional economic developing practice, the theoretical research on environment of regional economic development is rare. The existing researches showed that some of them only made a theoretical discuss from only one aspect, while lacking of systematic research and integrality, or simply countermeasure and suggestion with limited applicability and no theoretical support. In such a situation, it has become an important task faced by theorists to deeply study regional economic developing environment. On the one hand, it is an important aspect of research on the regional economic developing environment to study index system of regional economic developing environment, because it is the basis of evaluating the merits of regional economic developing environment; on the other hand, it should be brought into our plan that we design a blueprint of optimizing the regional economic developing environment. This job could provide reliable basis for corporations to analyze the environment of investment and finance, and beneficial for government to optimize the economic developing environment of local region.



This book takes the combination of theoretical and empirical research as its basic research methods, as well as literature review, surveys, interviews, comparative studies and statistical analysis methods. The framework of this book is as follows: First of all, the term 'regional economic developing environment' is defined scientifically from a systematic perspective on the basis of native and overseas research before, meanwhile the scale, designing principles and designing methods of regional economic developing environment index system are studied, and the four - level regional economic developing environment is structured. Second of all, some synthetic evaluating approach - entropy value, G_1 approach and 'multiplication' integration method are designed, and according to these, a synthetic evaluation of the economic developing environment of Shandong province since 1990 is made. Third of all, a comparison between the economic developing environment of Shandong province and that of the neighbor regions on a larger scale is made from a strategic perspective. Last but not least, a design of the overall blueprint about economic developing environment of Shandong province in 15 years is made on the basis of qualitative and quantitative forecasting. The detailed plans and recommendations are put forward as well.

The innovative points of this book are mainly manifested in the following aspects: The first point of innovation is to build the index system of regional economic developing environment. The book makes the level index and sustainable index as the second index of the integrative index of regional economic development environment. The second point is the innovation of the assessing model of regional economic developing environment. The assessing model of this book used 'multiplication'



integration approach to integrate G_1 approach and entropy value, which is more scientific and objective. The third point is not confined in Shandong province only to study the economic developing environment, while focused on comparing the economic developing environment of Shandong province with other province, and drew a conclusion that "to reinforce the cooperation with economic region of circumbience of Bo Sea is a project to optimize economic developing environment of Shandong province". Fourth of all, although the forecasting method about the trend of this environment has been mentioned by other persons in studying other problems already, the three - choice patterns of economic developing environment that was designed and idiographic optimized project that was chosen by the quantitative method are innovative.

Overall, the main conclusions of this book were as following:

1. The book establishes a 4 - level index system for evaluating the environment of regional economic development: the first level is a general one; the second level is for evaluating the degree and the sustainability of the environment of regional economic development; the third level contains two categories of indexes: indexes for evaluating the degree and the sustainability of respective region which consists of resource support index, environment support index, social progress index and economic degree index; the forth level contains resource sub - system index group, nature environment sub - system index group, social sub - system index group and economic sub - system index group, each group consists of many considerate indexes.

2. In general, there are three stages in the course of development of regional economic developing environment. They are bad (low level, low

sustainability), middle (middle level, basic sustainability) and good (high level, strong sustainability).

3. The overall programs of optimizing the regional economic development environment are: the mode of rapid economic and social development, saving resource and environment friendly optimization. In addition, the task of optimizing the regional economic developing environment is not only to focus on our economic development and environmental work in the limited region, it is also necessary to strengthen the interregional association and to create conveniences for the interregional transfer of industries and the free movement of manufacturing factors, thus to realize the optimization of resource deployment in larger region.

Key words: regional economic developing environment; index system; Entropy value; optimizing blueprint; Shandong

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