Assessment and Restoration of the Value of Cultivated Land Resources: A Case Study of Huining County, Gansu Province

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Through an assessment of cultivated land resources in common areas, this paper derives an approximate value. According to the structure of value, the economic output value of cultivation resources accounts for a small part of the total value of cultivation resources. However, both social-bearing and eco-service values occupy a significant proportion of the overall value comprising cultivation resources; thus, it is necessary to conduct value re-estimation. The paper provides two methods for re-estimation: First, reestablish the compensation system, for expropriation of land, by means of public decision-making and government intervention in the state requisition land links; Second, encourage the individual to make better decisions, regarding farmland use, by considering the value of cultivation resources and by establishing a personal cultivation property system (so as to pro mote the efficiency of cultivation resources distribution).

Key Words: assessment of cultivation resources value restoration of the value reestablishment of compensation system for requisition land innovation of farmland system Huining County

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2. YAO Jun (Center of Real Estate Development of Nanjing, Nanjing, Jiangsu 210008); Study on Social Benefit Evaluation of Regional Land Consolidation Based on Social Security Function of Land [J]; Journal of Anhui Agricultural Sciences; 2009-10

3. SONG Min, ZHANG An-lu (College of Land Management, Huazhong Agricultural University, Wuhan 430070, China); Assessing the Positive Externalities of Agricultural Land in Hubei Province — Based on the Classification of Social and Ecological Functions and Values of Agricultural Land [J]; Resources and Environment in the Yangtze Basin; 2009-04

4. WU Xianghua, TANG Deshan, FU Guanghui; Effects of Regional Land Consolidation on Ecosystem Services Values — A Case of Jiawang County Xuzhou City [J]; Urban Studies; 2008-04

5. YANG Yongfang, LIU Yuzhen, AI Shaowei (1. College of Environment and Planning of Henan University, Institute of Natural Resource and Environment Science Research, Henan University, Kaifeng 475004; 2. Key Research Institute of Yellow River Civilization and Sustainable Development, Kaifeng 475001); A Study of the Influence to the Farmers' Rights in Land Acquisition Because of the Loss of Ecological Compensation [J]; Progress in Geography; 2008-01

6. ZHU Xiao-gang, YANG Xiao-xiong, ZHOU Shu-xiang (Faculty of Resources and Environmental Science, Guangxi Normal University, Nanning 530001, China); Deficiencies in the Compensation Mechanism of Farmland Conversion and Measures [J]; Scientific and Technological Management of Land and Resources; 2007-06

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[Citations]

Chinese Journal Full-text Database

1. Qian Zhonghao: On the Fragment and Rebuilding of the Property Rights of Management in China Rural Land Contract[1]; Jiangsu Social Sciences, 2002-02
2. XIE Gao - di 1 , LU Chun - xia 1 , LENG Yun - fa 1 , ZHENG Du 1 , LI Shuang - cheng 2 (1.Institute of Geographic Sciences and Natural Resources Research, CAS, Beijing; 2. Resources and Environment College, Peking University, Beijing). Ecological assets valuation of the Tibetan Plateau[2]; Journal of Natural Resources, 2002-03

【Co-citations】

Chinese Journal Full-text Database

1. Xiao Fang (College of Politics and Sociology, Qu Fu Normal University). "Three agriculture Problems and the Reform of Rural Land System in China"[1]; Anhui Agricultural Science Bulletin, 2007-08
8. HU Wei (School of Geographic and Oceanographic Science, Nanjing University, Nanjing, Jiangsu). Study on Economic Value Change of Cultivated Land and Water Ecosystem Services Function[3]; Journal of Anhui Agricultural Sciences, 2009-02
10. HOU Tian-yang et al (Key Laboratory for Silviculture and Conservation, Ministry of Education, Institute of Turfgrass Science, Beijing Forestry University, Beijing). Effects of Land-Using Change of Shiyan City on Ecosystem Services Value[5]; Journal of Anhui Agricultural Sciences, 2009-12
China Proceedings of conference Full-text Database

1. 

Assessment and Restoration of the Value of Cultivated Land Reso...rovince-- (Journal of Arid Land Resources & Environment) 2003年05期

2. 

Migration of Farmers,Circulation of Farm lands and The Likely Improvement of The Efficiency of Land Allocation[2005]

3. 

Su Chao-yang Miao Chang-hong (Research Center of Yellow River Civilization and Sustainable Development and College of Environment and Planning.Henan University,Kaifeng 475004,China).Based on the Value of Ecosystem Services Land Use Planning Assessment in Kaifeng[2008]

4. 

Zhong Taiyang 1.2 Huang Xianjin 1 (1.Department of Urban and Resource Science,Nanjing University, 210093 Nanjing, 2.College of Land Resource and Environment,Jiangxi Agricultural University,330045,Nanchang,China).Land Property Rights Arrangement and Response of Farmer's Behaviors of Soil and Water Conservation[2004]

5. 

The Economics Explaining to the Slowly Development of Land Using Right Market[2007]

6. 

The Economics Explaining to the Slowly Development of Land Using Right Market[2007]

7. 

Integration or Networkization:Land Problem and Optimising the Mode of Land Allocation in Agricultural Cooperation of Fujian and Taiwan[2008]

8. 

Dai Bo (Institute of Development Studies, Yunnan University, Kunming, Yunnan, 650091).Research Progress on Ecological Assets Valuation[2003]

9. 

TIAN Zhi-hui~1,2ZHENG Da-wei~1 (1.College of Resource and Environment,China Agricultural University,Beijing 100094,China; 2.Department of Forestry,Beijing Agricultural College).Evaluation of Ecosystem Service Value in Mountainous Areas of Beijing[2006]

10. 

Zhang Fengtai~1 Su Weici~(1,2) Zhao Weiquan~1 (1.Department of Geography,Chongqing Normal University,Chongqing,400047,China 2.Research Center of Environment and Development of Karst Resources,Guiyang,Guizhou,550001,China).A Research on the Service Value Change in the Urban Ecosystem of Chongqing Based on the LUCC[2009]

---

Secondary References

Chinese Journal Full-text Database

1. 


2. 

YAO Jun(Center of Real Estate Development of Nanjing,Nanjing,Jiangsu 210008).Study on Social Benefit Evaluation of Regional Land Consolidation Based on Social Security Function of Land[J];Journal of Anhui Agricultural Sciences;2009-10

3. 

LIU Ju-meil et al(College of Resources and Environmental Sciences,Lanzhou University,Lanzhou,Gansu 730000).Study on the Ecological Environment Changes and Farmland Loss Problem in the Construction of Industrial Park[J];Journal of Anhui Agricultural Sciences;2009-19

4. 

CHE Xue-wen,YE Jing(Resource Academy,China University of Geoscience,Wuhan 430074,China).The discussion of the supply pre-warning and control of the city land[J];Science of Surveying and Mapping;2007-01

5. 

HU Min-hua(School of Management,AnHui University of Finance and Economics,Bengbu 233030;College of Economics & Management,Nanjing Agriculture University,Nanjing 210095;On Institutional Innovation of Cultivated Land Protection in China:A Basic Analysis Frame from the Perspective of Harmonious Development among Regions[J];Finance and Trade Research;2009-03

6. 

HUANG Lie-jia,ZHANG An-lu(College of Land Management of Huazhong Agricultural University, Wuhan 430070,China).Farmland Values and Some Discussion of Decision-Making of Land Conversion from Rural to Urban[J];Geography and Geo-Information Science;2006-02

7. 

YANG Yongfang1, LIU Yuzhen1, AI Shaowei1,2 (1.College of Environment and Planning of Henan University,Institute of Natural Resource and Environment Science Research,Henan University, Kaifeng 475004; 2. Institute of Soil and Water Conservation, Chinese Academy of Science and Ministry of Water Resources,Shaanxi Yangling 712100).Comparison of ecosystem services value of Agricultural land resources under different retirement of cultivated situation[A][2008]

8. 

Huang Xianjin 1,2 (1.Department of Urban and Resource Science,Nanjing University, 210093 Nanjing, 2.College of Land Resource and Environment,Jiangxi Agricultural University,330045,Nanchang,China).Farmland Based on CVM Decision-making Support System of Land Conversion Based on GIS[J];Scientific and Technological Management of Land and Resources;2008-03

9. 

ZHOU Hong-bo(College of Humanities,Fujian Agriculture and Forestry University,Fuzhou,Fujian,350002,China);A Review on the Land Expropriation Standard in China[J];Journal of Guangdong Radio & Television University;2007-03

---


Page 3 of 4
Assessment and Restoration of the Value of Cultivated Land Reso...rovince-- (Journal of Arid Land Resources & Environment) 2003年05期

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Yang Jianfeng Wang Lingchao Yang xinmin Fan Lei Wang Guoqiang (1.Institute of Geography of Henan Province.Zhengzhou,450052;2.Land consolidation and rehabilitation center of Henan Province.Zhengzhou,450056);
The study of constructing grading objective for cultivated land consolidation based on classification on agricultural land-Taihang Mountains and Hills in the northwest of Henan province for example[A];[C];2008

Yang Jianfeng, Wang Lingchao, Yang Xinmin, Fan Lei, Wang Guoqiang (1.Institute of Geography of Henan Province.Zhengzhou,450052;2. Land consolidation and rehabilitation center of Henan Province.Zhengzhou,450056);
The study of constructing grading objective for cultivated land consolidation based on classification on agricultural land — Taihang Mountains and Hills in the northwest of Henan province for example[A];[C];2008

Yang Jianfeng Wang Lingchao Yang xinmin Fan Lei Wang Guoqiang (1.Institute of Geography of Henan Province.Zhengzhou,450052;2. Land consolidation and rehabilitation center of Henan Province.Zhengzhou,450056);
The study of constructing grading objective for cultivated land consolidation based on classification on agricultural land — Taihang Mountains and Hills in the northwest of Henan province for example[A];[C];2008

MA Ai-hui ZHANG An-lu (College of Land Management, Hua zhong Agricultural University, Wuhan 430070,China);
Cross-regional land eco-compensation of two types of social construction[A];[C];2009

 secondary citations

Chinese Journal Full-text Database

Gu Shuzhong (Commission for Integrated Survey of Natural Resources,CAS,Beijing 100101);ON PRICING METHODS OF CROPLAND RESOURCE[J];;1997-04

Yao Yang;The System of Farmland in China: An Analytical Framework[J];SOCIAL SCIENCES IN CHINA;2000-02

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