

## TABLE OF CONTENTS 目 录

**Research on the Cognition of Ecological Circular Agriculture in Rural Residents and Its Influencing Factors**  
(农村居民对生态循环农业的认知及其影响因素研究)

H. Guo, Z. H. Li.....147

**Empirical Study on the Pricing Mechanism of Emission Rights Based on Shadow Price**  
(基于影子价格的排污权定价机制实证研究)

S. S. Ding, J. D. Duan.....157

**Evaluation and Variation of Heavy Metals at Reclaimed Areas in Heidaigou Mining Opencast Coal Mine**  
(黑岱沟露天煤矿复垦区土壤重金属变化及评价)

Z. J. Zhai, J. H. Liu, Y. Zhang, H. H. Yang, T. Y. Zhang, L. J. Li.....164

**Study on Ecosystem Comprehensive Treatment Model of Northern Mountain River in China**  
(我国北方山区河流生态综合治理模式探究)

B. B. Guo, Q. F. Chen, D. H. Yan.....171

**Anion Concentration Distribution and Gravity Analysis of Tourism Resources in Qinhuangdao Liujiang National Nature Reserve, National Geological Park**  
(秦皇岛柳江国家级自然保护区、国家地质公园负离子浓度分布与旅游资源引力分析)

M. Y. Lian, Q. S. Li, Z. Z. Li, S. Z. Du.....179

**Study on the Tourism Development of Nanao Island**  
(南澳海岛旅游业发展研究)

M. L. Zha, W. W. Hu, J. C. Li.....186

**Study on the Sustainable Development Competitiveness of Social Economy in Yunnan Province**  
(云南省社会经济可持续发展竞争力研究)

Y. L. Mo, Y. Fei.....193

**Experimental Study on Rehabilitation of Natural Lake Water by Aeration and Plants Combined Method**  
(曝气-植物法修复天然小型湖泊实验研究)

S. D. Ma, Z. Zhao, W. F. Ruan, X. Y. Tao.....209

**The Review of Current Distribution of Vegetation Resources in Yunnan-Guizhou Plateau and the Mechanism Research of Its Effects on Rocky Desertification Process**  
(云贵高原植被资源分布现状及其对石漠化进程研究进展)

X. R. Ruan, B. T. Mo, P. J. Ma, L. L. Ding, W. Zhang, W. Chen, X. Lei, F. Sun, Z. W. Wang.....217

**The Impact of Industrial Investment Structure on Energy Consumption and GDP in Guangdong**  
(**产业投资结构对广东省能源消费和 GDP 的影响研究**)

Z. Wang, P. Wang, H. S. Qin, D. Q. Zhao.....226

**Effects of Different Vegetations Reclamation on Soil Physical and Chemical Properties in  
Heidaigou Open-cast Coal Mine Area**  
(**不同植被类型复垦对黑岱沟露天煤矿土壤理化性质的影响**)

Y. M. Yang, J. H. Liu, T. Y. Zhang, H. F. Zheng, H. Dong, L. J. Li.....240