



ECOLOGICAL ECONOMY

Academic Committee

Cao Zhiping Dai Bin Ding Renzhong
Ge Zhongquan Huang Qing Ji Kunsen
Jia Zhiyong Jiang Xuemin Jin Yong
Li Kebin Li Ruojian Li Zhou
Lin Ling Lin Xu Liu Chuan
Luo Ling Meng Qinghong Ouyang Jinfang
Pan Jiahua Ren Yulong
Richard Dawsom (U.S.A.) Teng Teng
Wang Rusong Wang Songpei
Wu Guanghe Xie Feng Yang Jirui
You Jianjun Yu Shiyu Zeng Huanglin
Zhao Junquan Zheng Yuxin
Zhu Nan(New Zealand)

Governed by

News Publication Bureau of Yunnan Province

Sponsored by

-Yunnan Education Publishing House
-Sichuan University of Science & Engineering

President He Xuehui
Chief Editor Zeng Huanglin
Deputy Editors Gao Xiaolin Xie Feng
Editorial Director Chen Yuhou
Executive Director Zeng Shaolun
English Editors Rebecca Cors(U.S.A.)
Yan Jun
Zhang He
Art Design Wang Fan

Address: Sichuan University of Science & Engineering, Ziqong 643000, Sichuan Province, the People's Republic of China
Tel: 0086-813-5505936
0086-813-5505939
E-mail: greenchina@vip.163.com
eco_economy@126.com

Ecological Economy

ISSN1673-0178, CN53-1197/F
Vol.1, No.4, 2005

Domestic Issue Code: 64-50
Domestic Issue: Post Office of Kunming
Overseas Issue Code: Q1930
Issue abroad: China International Book Trading Corporation (P.O. Box 399, Beijing100044, P. R.China)

Printed by Yunnan Licheng Prepress & Printing Co. Ltd.

Subscription Rates

(4 issues per annum.)

China.....RMB20.00
Europe..... 5.00
U.S.A.....\$6.00

All right reserved, no part of the publication can be reproduced, stored in a retrieval system, or transmitted for any purpose, in any forms or by any means. Unauthorized copying, reproduction, hiring public performance and broadcasting without the prior written permission of the publishers are prohibited.

CONTENTS

HUMAN BEING & NATURE

- 1 The Ecological Economic Model Based on Bounded Rational Agents
Jiang Jijiao

ECOLOGY, ECOLOGICAL ECONOMY & ECOLOGICAL INDUSTRY

- 6 Greenways and Their Functions to Eco-Cities
Liu Yunguo, Huang Zhe, Zeng Guangming & Li Xin
- 13 Eco-budget – A Model of Urban Environmental Management
Hao Weixia, Teng Li & Wang Ziyun
- 18 Study on the Accounting Model of Ecological Environment
Liu Ying, Zhao Zicheng, Liu Dan & Liao Yong
- 23 Research on Foreign Economic Development and Ecological Environment
Liao Guoqiang

POPULATION, RESOURCES & ENVIRONMENT

- 30 Study on Cultivated Land Resource Situation and Its Macro-Driving Forces in Yantai Area
Liu Xianzhao
- 38 The Impacts of Urban Land Use on Urban Transport System in High-Densely Developed City – a Case Study of Guangzhou
Mao Jiangxing, Yan Xiaopei, Zhou Suhong
- 47 The 4R-Rules of Recycling Economy in Industry
Zhang Luqiang
- 51 An Economic Analysis and Countermeasures for Domestic Wastes in China
Zhuang Yu, Xu Huan & Ren Gengxin
- 56 Approach to the Zoning and Management for the Function of Light Environment
Chen Kangli

REGIONAL ECONOMY & SUSTAINABLE DEVELOPMENT

- 59 Dynamics Simulation Model of the Economic System in Mining Area
Sun Yufeng, Hou Yunbing & Yan Huimin
- 64 On the Construction of the Harmonious Ecosystem of Enterprises – Lessons from the Low Cost Competition of Wal-Mart
Xu Fang & Yin Shaowu
- 71 Research on the Sustainable Development of Chinese Small and Medium-Sized Enterprises – Construction and Application of R&D Strategic Alliance
Zhang Ying & Zhang Xin
- 76 Decision-making Principles and Evaluation Frame of Harmonious Fiscal Policy
Xiang Hongqiao
- 80 The Cost Analysis of the Law Regulation for Recycling Economy
Zhou Yingnan, Yang Lin & Wang Xuedong

WESTERN DEVELOPMENT &

ISSUES CONCERNING AGRICULTURE, COUNTRYSIDE, FARMERS

- 83 The Risk Evaluation of Agricultural High-tech Investment Project
Liu Oian & Miao Shanshan
- 87 Research on Institutional Innovation of Non-public Forestry
Yao Shunbo, Wang Bowen & Liu Cang
- 92 Analysis on Comprehensive Benefits of a Company Planting Banana on Rented Lands
Shen Xilin, Zhang Wentao & Wang Xuehua

98 GENERAL CONTENTS (2005)

106 INFORMATION