





Home | Journal Papers | About CNKI | User Service | FAQ | Contact Us | [中文](#)

Full-Text Search :

[CNKI Search](#)

《Territory & Natural Resources Study》2009-01

[Add to Favorite](#) [Get Latest Update](#)

[Similar Journals](#)

Valuation of wetland ecosystem services In Shuang Taizi estuary

- > Environment Herald
- > Resources Science
- > Marine Environmental Science
- > Scientific Chinese
- > China Population Resources and Environment
- > Forestry of China
- > Ecological Economy
- > Journal of Beijing Normal University(Natural Science)
- > Journal of Jiangxi Normal University(Natural Sciences Edition)
- > Journal of Shijiazhuang University

YANG Hui-ling et al(College of Urban and Environment Services,Liaoning Normal University,Dalian 116029,China)

According as special report of marine economy investigation of ecology monitoring area,in Shuangtaizi estuary,2006 and Panjin annual exerting ecological theory and investigative means,the paper estimates for ecosystem services function.The results show that the total value of the wetlands services function in Shuangtaizi estuary is about 24.24 billion RMB/a,among which the material production service value is 8.06 billion RMB, gas regulation value is 2.29 billion RMB/a,water regulation value is 1.74 billion RMB,waste treatment value is 0.01 billion Yuan RMB,habitat value is 0.31 billion Yuan RMB,seaboard protection value is 3.17 billion RMB,land make value is 4.91 billion RMB,cultural value is 1.78 billion RMB,tourism value is 1.97 billion RMB.After these services are classified into three categories,the resource function of the marsh has the greatest value, accounting for 53.48 % of the total,secondly, environment function value is 7.52 billion RMB,accounting for 31.02%,however,humanities value is 3.10 billion RMB,only accounting for 15.50%of the total.

【Key Words】 : **Shuangtaizi estuary wetland ecosystem service valuation**

【Fund】 : 863计划项目(2006AA09Z169)

【CateGory Index】 : X171.4



[Download\(CAJ format\)](#)



[Download\(PDF format\)](#)

CAJViewer7.0 supports all the CNKI file formats; AdobeReader only supports the PDF format.

【Citations】

Chinese Journal Full-text Database

5 Hits

- 1 WU Ling-ling 1 ,LU Jian-jian 1 ,TONG Chun-fu 1 ,LIU Cun-qi 1,2 (1.State Key Lab.of Estuarine and Coastal Research,East China Normal University,Shanghai200062,China;2.College of Life Science,Hebei University,Baoding071002,China);[VALUATION OF WETLAND ECOSYSTEM SERVICES IN THE YANGTZE RIVER ESTUARY](#)[J];Resources and Environment in the Yangtze Basin;2003-05
- 2 ZHOU Guangsheng~(1,2) ZHOU Li~2 GUAN Enkai~3 ZHAO Fangwen~4(1.Institute of Atmospheric Environment,CMA,Shenyang 110016;2.Laboratory of QuantitativeVegetation Ecology,Institute of Botany,the Chinese Academy of Sciences,Beijing 100093;3.Dingxiang Group Company of Panjin in Liaoning Province,Panjin 124106;4.Panjin Meteorological Bureau,Panjin 124010);[Liaohe delta wetland and global change](#)[J];Journal of Meteorology and Environment;2006-04
- 3 XIN Kun 1,XIAO Du\Ning 2 (1 Department of Biology,Hainan Normal College,Haikou 571158,China;2.The Institute of Applied Ecology, CAS, Shenyang 110016,China).;[Wetland Ecosystem Service Valuation— — A Case Researches on Panjin Area](#)[J];Acta Ecologica Sinica;2002-08
- 4 ZHANG Su-zhen~1,WANG Jin-dou~2,LI Gui-bao~3(1.Shijiazhuang Collage,Shijiazhuang,Hebei 050035,China;2.Shijiazhuang Vocational School,Shijiazhuang,Hebei 050800,China;3.China Institute of Water Resources & Hydropower Research,Beijing 100038,China);[Evaluation of Ecosystem Service Function of Baiyangdian Wetland in Anxin County](#)[J];Soil and Water Conservation in China;2006-07
- 5 LIU Hong yu,LU Xian guo,LIU Zhen qian(Changchun Institute of Geography, CAS, Changchun 130021,China);[Deltaic wetlands in Bohai Sea: resources and development](#)[J];Journal of Natural Resources;2001-02

【Co-citations】

Chinese Journal Full-text Database

10 Hits

ZHAO Xu-yang et al (The Resource and Environmental Sciences Department,College of

- 1 ShiJiazhuang,ShiJiazhuang,Hebei 050035);[Research on the Function Evaluation and Development of Ecotourism Resource in Hutuo River Wetland Guanghuang Area](#)[J];Journal of Anhui Agricultural Sciences;2006-15
- 2 ZHANG Jing-song et al(Bureau of Investigation and Plan of National Land Resource of Tieling,Tieling,Liaoling 112000);[Evaluation of the Ecosystem Service Value of Baishi Reservoir](#)[J];Journal of Anhui Agricultural Sciences;2008-09
- 3 ZHAO Mei-ling et al(College of Landscape Architecture and Tourism,Hebei Agricultural University,Baoding,Hebei 071000);[Evaluation on the Ecosystem Services of Nanhu Wetland Park in Tangshan City](#)[J];Journal of Anhui Agricultural Sciences;2008-14
- 4 REN Man-li (School of Resource Environment and Tourism,Anyang Teachers College,Anyang,Henan 455000);[Evaluation on the Serving Functions and Value of Urban Wetland Ecosystem](#)[J];Journal of Anhui Agricultural Sciences;2008-16
- 5 XIN Zhi-hong (Meteorological Bureau of Dongying City,Dongying,Shandong 257091);[On the Natural Resources and Ecological Characteristics of the Yellow River Delta Wetlands](#)[J];Journal of Anhui Agricultural Sciences;2009-01
- 6 ZHOU Ying-qiu~1, WANG Xing-yuan~(1,2),HU Wei~1(1.College of Territorial Resources and Tourism,Anhui Normal University,Wuhu 241000,China;2.Department of Earth and Space Sciences,University of Science and Technology of China,Hefei 230026,China);[STUDY ON ECOSYSTEM ENVIRONMENT CHANGE IN WU-CHANG LAKE](#)[J];Journal of Anhui Normal University(Natural Science);2005-04
- 7 HUANG Xiang~(1,3) LI Wei-Hong~2 (1.2 Xinjiang Institute Of Ecology and Geography.Chinese Academy Of Sciences,Urumqi 830011,China; 3.Graduate School,Chinese Academy of Sciences,Beijing 100039,China);[Study of the Function and Value of Ecosystem of Hungriness](#)[J];Environmental Science and Management;2006-07
- 8 Li Qinglan1,Ren Jun1,Xu Jiangkun2,Tao Ling1(1.Institute of Environmental Ecology Environmental science and municipal engineering of Lanzhou Jiaotong University,Lanzhou 730070,China;2.Jiangsu Xinyuan Environmental protection Co.,Ltd,Nanjing 210004,China);[Economic Value of Urban Vegetation Ecosystem Services:A Case Study in Lanzhou](#)[J];Environmental Science and Management;2008-01
- 9 PENG Jian~1,2) WANG Yanglin~1,2) CHEN Yanfei~1,2) LI Weifeng~1,2) JIANG Yiyi~1,2)(~1)College of Environmental Sciences, Peking University, Beijing, 100871; ~2)Center for Digital City and Urban Landscape, Shenzhen Graduate School, Peking University, Shenzhen, 518057);[Economic Value of Urban Ecosystem Services:A Case Study in Shenzhen](#)[J];Acta Scicentiarum Naturalum Universitatis Pekinesis;2005-04
- 10 JIANG Jia-hu, HUANG Qun,SUN Zhan-dong(Nanjing Institute of geography and Limnology, The Chinese Academy of Sciences, Nanjing 210008,China);[COUNTERMEASURES FOR PROTECTION AND MANAGEMENT OF LAKES IN MIDDLE AND LOWER REACHES OF THE YANGTZE RIVER](#)[J];Resources and Environment in the Yangtze Basin;2005-01

China Proceedings of conference Full-text Database

3 Hits

- 1 Liu Guangping,Yang Hong College of Marine,Shanghai Ocean University,Shanghai 200090,China;[Evaluation of Estuary Ecosystem Services:A case study in Shanghai Yangtze Estuary](#)[A];[C];2008
- 2 Chen Zengqi Chen feixing Li Zhanling Chen Yi Zhejiang Design Institute of Water Conservancy & Hydroelectric Power, Hangzhou, Zhejiang, 310002 Beijing Normal University Environmental Institute, Beijing 100875 Biological and Environmental Institute, Zhejiang Industrial University, Hangzhou, Zhejiang, 310014;[Comprehensive Evaluation Model Study on Ecological Economy in Coastal Wetlands](#)[A];[C];2004
- 3 Cai shouhua~1,Hu Jinji~1,Cao Cuibao~2,Zhan Wanlin~2,Jin Dianguo~2 (1.College of Water Science and Engineering,Yangzhou University,Yangzhou 225009 Jiangsu,China;2.The Experimental Station of Water and Soil Conservation of Xuyu County,Xuyu 211700 Jiangsu,China);[Assessment on Ecosystem Services Value of Laojunshan Small Watershed](#)[A];[C];2009

【Secondary Citations】

Chinese Journal Full-text Database

10 Hits

- 1 ZHANG Jian wen,ZHANG Hai yan (Tianjin Environmental Impact Assessment Center, Tianjin 300191, China);[Discussion on Operation and Management Optimization of Municipal Sewage Treatment Plant](#)[J];Urban Environment & Urban Ecology;2001-04
- 2 Sun Pingyue\Lu Jianjian (State Key Laboratory of Estuarine and Coastal Research,East China Normal University,Shanghai,200062);[SUSTAINABLE UTILIZATION OF BIOLOGICAL RESOURCES ON THE WETLAND IN THE YANGTZE ESTUARY \(CHANGJIANG ESTUARY\)](#)[J];RESOURCES AND ENUIRONMENT IN THE YANGTZA BASIN;1998-04
- 3 LUO Hong yu 1,HUANG Fang 2,ZHANG Yang zhen 1 (1.Northeast Institute of Geography and Agricultural Ecology,Chinese Academy Science, Changchun 130021,China; 2.College of Urban and Environmental Sciences,Northeast Normal University, Changchun 130024,China);[Space-time change of marsh wetland in Liaohe delta area and its ecological effect](#)[J];Journal of Northeast Normal University (Natural Science Edition);2003-02
- 4 LIU Hong yu, LU Xian guo, LIU Zhen qian, YANG Qing, ZHANG Bai (Changchun Institute of Geography, Chinese Academy of Sciences, Changchun,Jilin 130021);[Study on Wetland Resources and Regional Sustainable Development in Liaohe Delta](#)[J];Scientia Geographica Sinica;2000-06
- ZHUANG Da-Chang,1 DING Dong-Shan,1 DONG Ming-Hui,2 (1. Department of Urban and Resources

- 5 ZHUANG Da-Chang¹, DING Dong-Shan¹, DONG Ming-Hui² (1. Department of Urban and Resources Sciences, Nanjing University, Nanjing, Jiangsu 210093; 2. Economic and Resources and Environment Dept., Changde Normal University, Changde, Hunan 415000); **Wetland Resources Degeneration Eco-economical Benefit and Loss Evaluation in Dongting Lake**[J]; Scientia Geographica Sinica; 2003-06
- 6 Lu Xianguo Huang Xichou (Changchun Institute of Geography, the Chinese Academy of Sciences, Changchun 130021); **PROGRESS IN WETLAND RESEARCH IN CHINA**[J]; SCIENTIA GEOGRAPHICA SINICA; 1998-04
- 7 Xu Shiyuan; Chen Zhongyuan (Department of Geography, East China Normal University, Shanghai, 200062); **SIMILARITY AND DISCREPANCY OF MAJOR DELTA PROCESSES, ON EASTERN COAST OF CHINA**[J]; ACTA GEOGRAPHICA SINICA; 1995-06
- 8 LUAN Wei-xin 1, CUI Hong-yan 2 (1. College of International Business, Dalian Maritime University, Dalian 116026, China; 2. Department of Geography, Baicheng Normal College, Baicheng 137000, China); **Submerged loss assessment of potential sea-level rise of Liao River Delta Region based on GIS**[J]; Geographical Research; 2004-06
- 9 SUN Jian, YANG De-ming, LI Jian-guo (College of Earth Sciences, Jilin University, Changchun, Jilin 130061); **Study on Spatio-temporal Change and Forecast of Land Use in Liaohe River Delta**[J]; Journal of Huazhong Agricultural University (Social Science Edition); 2006-01
- 10 Ren Jie et al(8) \\\; **Pilot Plant Research on Physico chemical Process to strengthen the Primary Treatment of Combined Wastewater in Shanghai**[J]; WATER & WASTEWATER ENGINEERING; 1999-09

