

华北水利水电大学学报

(自然科学版)

第 39 卷第 2 期

(1980 年创刊)

2018 年 4 月

目 次

陆地水文循环专题

(策划、组稿:辽宁师范大学孙才志教授,华北水利水电大学韩宇平教授)

- 中国人均水足迹驱动效应分解与空间聚类分析 孙才志,张灿灿 (1)
虚拟水战略环境影响评价相关问题探讨 王红瑞,洪思扬,杨博 (12)
农产品贸易驱动下中国与湄公河沿岸国家的虚拟水流动关系研究 田贵良,王希为 (16)
虚拟水流动特征及其影响因素研究——以唐山市为例 韩宇平,黄会平 (24)
吉林省水稻生产水足迹时空分异研究 李红颖,秦丽杰,杨婷 (32)
基于灰水足迹视角的浙江省工业出口结构优化研究 吴兆磊,吴兆丹,祖晓倩 (40)

水资源分析与安全评价专题

(策划、组稿:郑州大学左其亭教授)

- 区域水资源承载力评价的风险矩阵方法 金菊良,董涛,郦建强,郭旭宁,李辉,何君 (46)
多种方法在水文关键要素一致性检验中的比较
..... 管晓祥,张建云,鞠琴,王国庆,关铁生 (51)
改进的灰色预测模型在区域用水总量预测中的应用 刘呈玲,方红远,刘志辉 (57)
区域旱灾风险管理中的灰色局势群决策方法 罗党,王胜杰 (63)
华北地区 ENSO 年夏冬两季月降水量的时间序列模拟分析 马黎华 (69)
黄河小浪底水库运用以来的泥沙淤积特征分析 孙东坡,吴默溪 (74)
基于 GIS 技术的辽宁省山洪灾害风险区划研究 曹永强,郭明,袁立婷 (80)
闸控潮汐河网区水环境调度模型研究 贺新春,王翠婷,汝向文,丁波 (86)
镧改性 TiO₂ 超声催化降解四环素的动力学研究 李国亭,陈曦,李威,许鹿洋,李慧源 (93)

基本参数:CN 41 - 1432 / TV * 1980 * b * A4 * 96 * zh * P * ¥ 20.00 * 1500 * 15 * 2018 - 04

执行编辑:陈海涛
万方数据

**JOURNAL OF NORTH CHINA UNIVERSITY OF WATER
RESOURCES AND ELECTRIC POWER
(NATURAL SCIENCE EDITION)**

Vol. 39 No. 2

(Started in 1980)

(Apr. 2018)

CONTENTS

Driving Effect Decomposition and Spatial Clustering Analysis of Per Capita Water Footprint in China	SUN Caizhi, ZHANG Cancan(1)
Discussion on Related Issues of Strategic Environmental Impact Assessment of Virtual Water	WANG Hongrui, HONG Siyang, YANG Bo(12)
Study on the Virtual Water Trade Pattern of China and the Mekong Countries under the Driving of Agricultural Trade	TIAN Guiliang, WANG Xiwei(16)
Study on Characteristics and Influencing Factors of Virtual Water Flow: a Case Study of Tangshan City	HAN Yuping, HUANG Huiping(24)
Temporal Variability and Spatial Distribution of Water Footprint for Rice Production in Jilin Province	LI Hongying, QIN Lijie, YANG Ting(32)
Optimization of Industrial Export Structure in Zhejiang Province in the Perspective of Grey Water Footprint	WU Zhaolei, WU Zhaodan, ZU Xiaoqian(40)
Risk Matrix Method for Evaluating Regional Water Resources Carrying Capacity	JIN Juliang, DONG Tao, LI Jianqiang, GUO Xuning, LI Hui, HE Jun(46)
Comparison of Consistency Testing for Key Hydrological Elements by Using Multiple Statistical Methods	GUAN Xiaoxiang, ZHANG Jianyun, JU Qin, WANG Guoqing, GUAN Tiesheng(51)
Application of Grey System Model Prediction of Regional Water Consumption	LIU Chengling, FANG Hongyuan, LIU Zhihui(57)
Grey Situation Group Decision-Making Method in Regional Drought Risk Management	LUO Dang, WANG Shengjie(63)
Simulation for Time Series of Monthly Precipitation in Summer and Winter during ENSO Period in North China	MA Lihua(69)
Analysis of Characteristics of Sediment in Xiaolangdi Reservoir in the Yellow River	SUN Dongpo, WU Moxi(74)
Analysis on Risk Division of Mountain Torrent Disaster in Liaoning Province on GIS Technique	CAO Yongqiang, GUO Ming, YUAN Liting(80)
Study on Water Environment Dispatching Model in Tidal River Net Controlled by Sluice Gates	HE Xinchun, WANG Cueting, RU Xiangwen, DING Bo(86)
Dynamics Study on Sonocatalytic Degradation Added Lanthanum Modified TiO ₂	LI Guoting, CHEN Xi, LI Wei, XU Luyang, LI Huiyuan(93)