

目 次

特别报道

在中国环境与发展国际合作委员会 2010 年年会开幕式上的讲话 李克强 (i)

生态环境

基于归一化差值植被指数的极端干旱气象对西南地区生态系统影响遥感分析

..... 王 维,王文杰,李俊生,吴 昊,许 超,刘孝富,刘 钺(1447)

成渝经济区森林碳储量动态及空间格局特征 孙 荣,袁兴中,廖正军,曹 慧(1456)

秦岭太白红杉林土壤有机碳密度研究 郭建明,胡理乐,林 伟,郑博福,李俊生(1464)

林线树种太白红杉碳储量估算 林 伟,胡理乐,郑博福,李俊生(1470)

大气环境

利用卫星观测 HCHO 柱密度研究中国 NMVOC 时空分布 尉 鹏,苏福庆,程水源,陈良富,高庆先(1475)

大气颗粒物中碳组分测定结果比较:元素分析和热光反射方法

..... 吴 琳,冯银厂,叶文媛,朱 坦,刘双喜(1481)

水环境

污水处理厂出水中雌激素活性物质浓度与生态风险水平 孙 艳,黄 璜,胡洪营,李 轶(1488)

不同形态氮对洋水库螺旋鱼腥藻和惠氏微囊藻生长的影响

..... 李 涵,许秋瑾,储昭升,张亚丽,蒋丽佳(1494)

城市内河强还原性沉积物耗氧及相关因素研究 马晓磊,徐继荣,张德民,高华生,陈和平(1499)

南宁市城市内河水体和表层沉积物中有机氯农药分布特征

..... 邓超冰,梁柳玲,廖平德,吴烈善,田 艳,许桂革(1506)

应急监测中便携式顶空/GC-MS 法测定水中 VOCs 的初步研究

..... 孙晓慧,吕怡兵,谭 丽,冯元群,刘劲松,潘荷芳(1511)

土壤环境

科尔沁沙地和浑善达克沙地流动沙丘中土壤微生物学特征比较

..... 王少昆,赵学勇,曲 浩,井向辉,连 杰,云建英(1516)

典型流域农田土壤重金属污染特征及生态风险评价 于云江,胡林凯,杨 彦,车 飞,孙 朋,邓 飞(1523)

某农药生产场地中特征 POPs 的环境风险研究 丁 琼,余立凤,田亚静,刘 俐,李发生(1528)

污染治理技术

组合 MBR 工艺中试系统处理高氨氮生活污水

..... 王之晖,宋乾武,王文君,戴建坤,代晋国,李 志,吴 琪(1535)

Fe⁰ 还原地下水中 2,4-DNT 影响因素及产物 姜永海,张进保,席北斗,李定龙,李红江,齐瑞江(1541)

小麦秸秆对 Cr(IV) 的吸附特性及动力学、热力学分析 张继义,梁丽萍,蒲丽君,王利平(1546)

浸入式膜生物反应器中水回用工程应用 蔡 文,骆建明(1553)

动态信息

声明(1480) 欢迎订阅《环境科学研究》(1522) 更正(1552)

* * * * *

环境科学研究第 23 卷(2010 年)总目次 (I)

Contents

Remote Sensing Analysis of Impacts of Extreme Drought Weather on Ecosystems in Southwest Region of China Based on Normalized Difference Vegetation Index	WANG Wei, WANG Wen-jie, LI Jun-sheng, WU Hao, XU Chao, LIU Xiao-fu, LIU Tan(1447)
Dynamic and Spatial Pattern of Forest Carbon Storage in Chengyu Economic Region	SUN Rong, YUAN Xing-zhong, LIAO Zheng-jun, CAO Hui(1456)
Soil Organic Carbon Density of <i>Larix Chinensis</i> Beissn Forest in Mt. Taibai in Qinling	GUO Jian-ming, HU Li-le, LIN Wei, ZHENG Bo-fu, LI Jun-sheng(1464)
Carbon Storage Estimation of Timberline Tree <i>Larix Chinensis</i>	LIN Wei, HU Li-le, ZHENG Bo-fu, LI Jun-sheng(1470)
Spatial and Temporal Distribution of in China as Determined by Formaldehyde Column Density Measurements from Satellite Observation	WEI Peng, SU Fu-qing, CHENG Shui-yuan, CHEN Liang-fu, GAO Qing-xian(1475)
Comparison of Carbon Species Measurement Results in Atmospheric Particulate Matter: Elemental Analysis and TOR Methods	WU Lin, FENG Yin-chang, YE Wen-yuan, ZHU Tan, LIU Shuang-xi(1481)
Concentration and Ecological Risk Level of Estrogenic Endocrine-Disrupting Chemicals in the Effluents from Wastewater Treatment Plants	SUN Yan, HUANG Huang, HU Hong-ying, LI Yi(1488)
Effects of Different Forms of Nitrogen on the Growth of <i>Anabaena</i> sp. and <i>Microcystis</i> sp. from Yanghe Reservoir	LI Han, XU Qiu-jin, CHU Zhao-sheng, ZHANG Ya-li, JIANG Li-jia(1494)
Research on Sediment Oxygen Demand and Related Factors for Strong Reductive Sediments in Urban Rivers	MA Xiao-lei, XU Ji-rong, ZHANG De-min, GAO Hua-sheng, CHEN He-ping(1499)
Distribution Characteristics of Organochlorine Pesticides in Water and Surface Sediments from the Rivers of Nanning City	DENG Chao-bing, LIANG Liu-ling, LIAO Ping-de, WU Lie-shan, TIAN Yan, XU Gui-ping(1506)
Evaluation of Accuracy of VOC Analysis in Water Samples by Portable Headspace/GC-MS in Emergency Monitoring	SUN Xiao-hui, LÜ Yi-bing, TAN Li, FENG Yuan-qun, LIU Jing-song, PAN He-fang(1511)
Comparison of Soil Microbial Features in Mobile Dunes from Horqin and Otindag Sands in Northern China	WANG Shao-kun, ZHAO Xue-yong, QU Hao, JING Xiang-hui, LIAN Jie, YUAN Jian-ying(1516)
Pollution Characteristics and Ecological Risk Assessment of Heavy Metals in Farmland Soils of a Typical Basin	YU Yun-jiang, HU Lin-kai, YANG Yan, CHE Fei, SUN Peng, DENG Fei(1523)
Environmental Risk of Specific POPs at a Pesticide Production Site	DING Qiong, YU Li-feng, TIAN Ya-jing, LIU Li, LI Fa-sheng(1528)
Pilot Study on Combined MBR Process for Treatment of Domestic Wastewater with High Ammonia Nitrogen Concentration	WANG Zhi-hui, SONG Qian-wu, WANG Wen-jun, DAI Jian-kun, DAI Jin-guo, LI Zhi, WU Qi(1535)
Products and Influencing Factors of Reductive Degradation of 2,4-DNT in Groundwater by Zero-Valent Iron	JIANG Yong-hai, ZHANG Jin-bao, XI Bei-dou, LI Ding-long, LI Hong-jiang, QI Rui-jiang(1541)
Adsorption Characteristics of Cr(VI) by Wheat Straw Including Kinetic and Thermodynamics Analysis	ZHANG Ji-yi, LIANG Li-ping, PU Li-jun, WANG Li-ping(1546)
Application of Submerged Membrane Bioreactor in Reclaimed Water Recycling Project	CAI Wen, LUO Jian-ming(1553)