

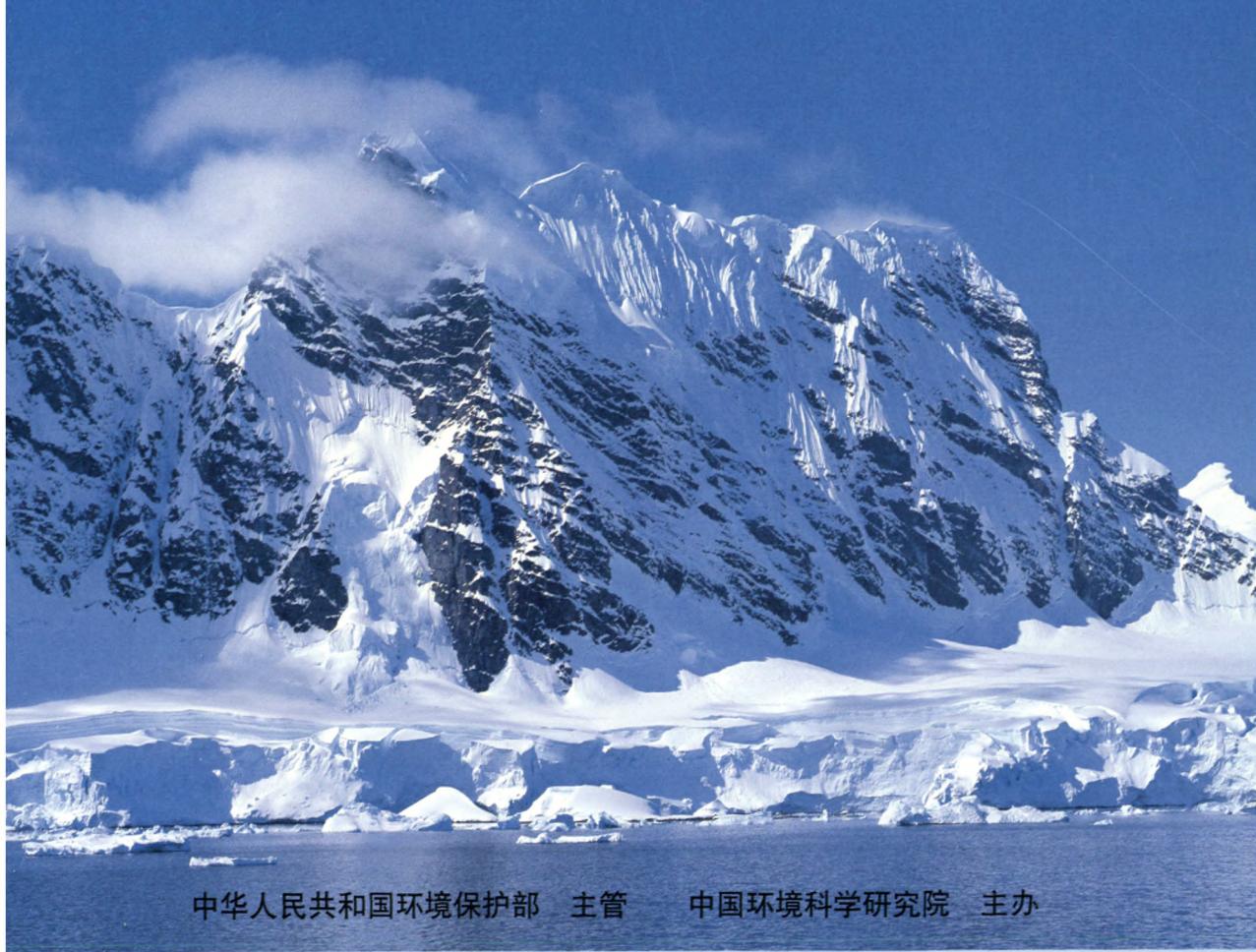


ISSN 1001-6929
CN 11-1827 / X
CODEN HKYAEZ

环境科学研究

(Huanjing Kexue Yanjiu)

Research of Environmental Sciences



中华人民共和国环境保护部 主管 中国环境科学研究院 主办

ISSN 1001-6929



9 771001 692129

2012 May 5月

第25卷 第5期
(Vol.25 No.5)

2012

5

万方数据

Research of Environmental Sciences

Vol. 25 No. 5

May 2012

Contents

- Water Environmental Constraint Regionalization and Landscape Pattern Optimization for the Qinhe River Basin ZHOU Jing, LIU Yong, GUO Huai-cheng, ZHAO Hai-sheng, YAN Xiao-pin, ZHANG Zhen-zhen(481)
- Pollution Evaluation of Vertical Sediments in the Yalu River Estuary over the Past Century LIU Yue, CHENG Yan, LI Fu-xiang, ZHANG Chun-peng, LIU Jing-wei, ZHANG Liang, GAO Jian-hua(489)
- Distribution Characteristics of Five Endocrine Disrupting Chemicals in Luoshi River SHEN Jian, WANG Xin-ze, ZHANG Zhen, HU Xiao-fang(495)
- Spatial Distribution Characteristics of *Microcystis* and Influencing Factors in Yanghe Reservoir LI Yun, WU Xiang-yun, CHU Zhao-sheng, ZHANG Yu-bao, JIN Xiang-can(501)
- Species Selection for Deriving Water Quality Criteria for Protection of Aquatic Organisms in China SU Hai-lei, WU Feng-chang, LI Hui-xian, FENG Cheng-lian, ZHANG Rui-qing, CHANG Hong(506)
- Heavy Metal Content and Pollution Assessment of Mudflat Soils in the Coastal Area of Northern Jiangsu Province YAO Rong-jiang, YANG Jin-song, MENG Qing-feng, ZHANG Chun-yin, JI Rong-long(512)
- Distribution and Characteristics of OCPs in Surface Soils in Certain Districts of Guangzhou ZHU Xiao-hua, YANG Yong-liang, PAN Jing, HE Jun, LU Guo-hui, LUO Song-guang, HUANG Qi-fei(519)
- Effects of Soil Physical-Chemical Properties on Risk Uncertainty in a Contaminated Site ZHANG Da-ding, CAO Yun-zhe, WANG Qun-hui, XIE Yun-feng, LIU Xiao-juan, LI Fa-sheng(526)
- Relationship between the Geographic Distribution Patterns of Typical Agricultural and Forest Pest Species with Climatic Factors in China LI Yan, WU Jian-guo, XIE Li-yong, ZHOU Qiao-fu(533)
- Simulation of the Transfer and Fate of PCDD/Fs in Beijing Using a Steady-State Multimedia Fugacity Model QI Li, ZHOU Zhi-guang, XU Peng-jun, LI Nan, REN Yue, LIU Ai-min, HUANG Ye-ru(543)
- Source Apportionment of Ambient PM₁₀ and PM_{2.5} in Urban Area of Ningbo City XIAO Zhi-mei, BI Xiao-hui, FENG Yin-chang, WANG Yu-qiu, ZHOU Jun, FU Xiao-qin, WENG Yan-bo(549)
- Effects of Iron and Aluminum on Phosphorus Fractions in Lake Sediments WANG Zhen-hua, WANG Sheng-rui, LIU Yuan-ying, JIN Xiang-can, WANG Zhong-wei, NI Zhao-kui, LI Yan-ping (556)
- Effects of Different Materials on the Stabilization of Heavy Metals in Sediments HUANG Ge, JIANG Xia, WANYAN Hua, CHEN Chun-xiao, JIN Xiang-can, ZHANG Yong-sheng (563)
- Study on Non-Point Source Pollution Loads in Villages along the Fuhe River, Baiyangdian Watershed SUN Tian-wei, CHEN Jia-jun, WANG Hao, SHI Zhen-tian(568)
- Algae Growth Comparison in a Landscape Pond Supplied with Reclaimed Water FAN Jing, ZHOU Bei-hai, ZHANG Hong-tao, GAO Lei (573)
- Characteristics of Runoff from Different Material Roofs in Chongqing Urban Area ZHANG Qian-qian, WANG Xiao-ke, HAO Li-ling, HOU Pei-qiang, OUYANG Zhi-yun(579)
- Isolation, Identification and Biodegradation Characteristics of a 4-*tert*-Octylphenol Degradable Bacterial Strain LIU Yang, DONG Kun-ming, MIAO Li, ZHOU Xiao-jian, JIN Cui-li, FENG Ke(587)
- Effects of Cobalt on the Anaerobic Treatment of Acrylic Fiber Wastewater DUAN Ni-ni, JIANG Jin-yuan, XU Yan-sheng, ZHOU Yue-xi, ZHANG Sheng, WANG Ye (593)
- Simultaneous Determination of 17 Polybrominated Diphenyl Ethers in Soils by Accelerated Solvent Extracted-Gas Chromatography-Mass Spectrometry FU Hai-hui, HUANG Qi-fei, MENG Zhao-fu, TANG Zhen-wu, ZHU Xiao-hua, HE Jie (599)
- Testing of a Magnetic Method for Detecting the Leakage of High-Density Polyethylene (HDPE) in a Landfill MA Biao-biao, ZHANG Chen, NAI Chang-xin(605)

目 次

水环境

- 沁河流域水环境约束分区与景观格局优化 周 璞, 刘 永, 郭怀成, 赵海生, 颜小品, 张祯祯(481)
鸭绿江口近百年来重金属垂向沉积的污染评价

..... 刘 月, 程 岩, 李富祥, 张春鹏, 刘敬伟, 张 亮, 高建华(489)

- 罗时江中 5 种环境内分泌干扰物的分布特征 沈 剑, 王欣泽, 张 真, 胡晓芳(495)

- 洋河水库微囊藻空间分布特征及其影响因素分析 李 芸, 吴祥云, 储昭升, 张玉宝, 金相灿(501)

环境基准与标准

- 我国水生生物水质基准推导的物种选择 苏海磊, 吴丰昌, 李会仙, 冯承莲, 张瑞卿, 常 红(506)

土壤环境

- 苏北沿海某滩涂区土壤重金属含量及其污染评价 姚荣江, 杨劲松, 孟庆峰, 张春银, 吉荣龙(512)

广州部分区域表层土壤中有机氯农药分布特征

..... 朱晓华, 杨永亮, 潘 静, 何 俊, 路国慧, 罗松光, 黄启飞(519)

土壤理化性质对污染场地环境风险不确定性的影响

..... 张大定, 曹云者, 汪群慧, 谢云峰, 柳晓娟, 李发生(526)

大气环境

- 典型农林害虫分布与气候要素的关系 李 艳, 吴建国, 谢立勇, 周巧富(533)

北京地区二噁英类的环境多介质迁移和归趋模拟

..... 齐 丽, 周志广, 许鹏军, 李 握, 任 玥, 刘爱民, 黄业茹(543)

- 宁波市环境空气中 PM₁₀ 和 PM_{2.5} 来源解析 肖致美, 毕晓辉, 冯银厂, 王玉秋, 周 军, 傅晓钦, 翁燕波(549)

污染治理技术与方法

Fe 和 Al 对湖泊沉积物中磷赋存形态的影响

..... 王振华, 王圣瑞, 刘元英, 金相灿, 王忠威, 倪兆奎, 李艳平(556)

- 不同稳定剂对污染沉积物中重金属的稳定效果 黄 鹤, 姜 霞, 完颜华, 陈春霄, 金相灿, 张永生(563)

- 白洋淀流域府河干流村落非点源负荷研究 孙添伟, 陈家军, 王 浩, 史震天(568)

- 再生水补充景观水体中藻类的生长比较 范 婧, 周北海, 张鸿涛, 高 磊(573)

- 重庆市不同材质屋面径流水质特性 张千千, 王效科, 郝丽玲, 侯培强, 欧阳志云(579)

环境激素对叔辛基酚降解菌的筛选、鉴定及降解特性

..... 刘 杨, 董昆明, 缪 莉, 周晓见, 斯翠丽, 封 克(587)

- Co 对腈纶废水厌氧处理效果的影响 段妮妮, 蒋进元, 徐延生, 周岳溪, 张 胜, 王 烨(593)

加速溶剂萃取 - 气质联用同步测定土壤中 17 组分多溴二苯醚

..... 傅海辉, 黄启飞, 孟昭福, 唐阵武, 朱晓华, 何 洁(599)

- 磁法应用于填埋场渗漏检测的可行性论证 马彪彪, 张 辰, 能昌信(605)