



- ★ 中文核心期刊
- ★ 中国科技核心期刊 (CSTPCD)
- ★ 《国家哲学社会科学学术期刊数据库》(NSSD) 收录
- ★ 国际检索: Scopus、CSA: NS、AJ、CABI、ZR、JST、IC、EBSCOhost 等
- ★ 中国科学引文数据库 (CSCD) 收录
- ★ RCCSE 中国核心学术期刊



目次

第32卷 第6期 2019年6月

专论

农村生活污水处理设施水污染物排放标准制订探讨

..... 王丽君，夏训峰，朱建超，高生旺，宋彩红，程成，毛欢 (921)

餐饮行业活动水平调查及大气污染物排放清单编制研究

..... 张洋，支国瑞，薛志刚，靳文静，张宇哲，程轲，郭思聪，王镭 (929)

我国旅游业碳排放的空间关联性及其影响因素..... 王凯，张淑文，甘畅，杨亚萍，刘浩龙 (938)

展望

空气中 BTEX 检测方法研究进展..... 李明珠，李金娟，王学中，毕方，李红，张鑫，张玮琦 (948)

京津冀

太原市居民生活燃煤大气污染物排放清单研究..... 崔亮，薛志钢，杜谨宏 (959)

长江经济带

黄水溪砷环境地球化学迁移行为及其细菌群落分析..... 李文旭，何剑汶，刘璟，谌书 (966)

长沙地区樟树林土壤水稳定同位素特征及其对土壤水分运动的指示

..... 戴军杰，章新平，罗紫东，王锐，刘福基，贺新光 (974)

基于 PMF 模型及地统计法的乐安河中上游地区土壤重金属来源解析

..... 李娇，滕彦国，吴劲，蒋进元，黄莹 (984)

一带一路

2017年兰州市大气污染物输送来源及传输特征模拟分析

..... 刘慧，夏敦胜，陈红，杨帆，马亚鹏（993）

研究

气候变化背景下京津冀地区濒危水鸟潜在适宜区模拟及保护空缺分析

..... 白雪红，王文杰，蒋卫国，师华定，陈坤，陈民（1001）

武清地区冬季一次重污染过程垂直分布特征

..... 李岳，殷宝辉，耿春梅，王歆华，李鹏，杨文，白志鹏（1012）

宜宾市冬季挥发性有机物污染特征及来源..... 徐晨曦，陈军辉，韩丽，王继钦（1020）

大连湾表层沉积物中总汞和甲基汞的分布及影响因素

..... 王立军，刘亮，马新东，冷金慧，高亚倩，林忠胜，张志锋（1026）

基于分布式水文模型的武夷山市水文调节服务评估

..... 夏瑞，张远，杨辰，周宇建，杨中文，彭菲，马淑芹（1033）

双向掘进隧道游离 SiO₂ 粉尘扩散规律模拟与分析..... 乔力伟，蒋葛夫（1043）

外源氮输入对生长季黄河口碱蓬-土壤系统磷分布规律的影响

..... 俞琳莺，孙志高，孙文广，胡星云，陈冰冰（1052）

施加牛粪熟肥对黄土吸附双酚 A 的影响

..... 刘兰兰，蒋煜峰，石磊平，原陇苗，万建新，王刚，吴应琴（1063）

页岩气开发油基钻屑-单组分生物质共热解特性

..... 黄思雨，王嫣云，周博逊，周泽军，何勇，夏世斌（1074）

基于风沙防治的典型农牧交错区土地利用多情景模拟..... 张寒冰，高阳，崔艳智（1081）

基于 CSGD 的排放清单处理工具研究

..... 王堃，高超，王晨龙，童亚莉，王树堂，王人洁，刘媛（1090）

信息

《环境科学研究》第五届编委会名单（封二）

征稿启事（封三）



Content



Vol.32 No.6 June 2019

SPECIALS

- Discussion on the Drafting of Water Pollutants Discharge Standard for Rural Domestic Sewage Treatment Facilities WANG Lijun, XIA Xunfeng, ZHU Jianchao, GAO Shengwang, SONG Caihong, CHENG Cheng, MAO Huan (921)
- Investigation of Activity Levels of Catering Service Industry and Construction of Air Pollutant Emission Inventory ... ZHANG Yang, ZHI Guorui, XUE Zhigang, JIN Wenjing, ZHANG Yuzhe, CHENG Ke, GUO Sicong, WANG Lei (929)
- Spatial Correlation of Carbon Emissions in Tourism Industry and Its Influencing Factors in China WANG Kai, ZHANG Shuwen, GAN Chang, YANG Yaping, LIU Haolong (938)

PROSPECT

- A Review of Determination of Benzene, Toluene, Ethylbenzene and Xylene in Ambient Air LI Mingzhu, LI Jinjuan, WANG Xuezhong, BI Fang, LI Hong, ZHANG Xin, ZHANG Weiqi (948)

BEIJING-TIANJIN-HEBEI REGION

- Estimation of Air Pollutant Emissions from Residential Coal Combustion of Taiyuan City CUI Liang, XUE Zhigang, DU Jinhong (959)

YANGTZE RIVER ECONOMIC ZONE

- Environmental Geochemistry and Transportation Behavior of Arsenic and Bacterial Community Analysis in Huangshui Creek..... LI Wenxu, HE Jianwen, LIU Jing, CHEN Shu (966)
- Characteristics of Stable Isotopes in Soil Water and Indication to Soil Water Movement in a Grove Dominated by *Cinnamomum camphora* in Changsha DAI Junjie, ZHANG Xinpeng, LUO Zidong, WANG Rui, LIU Fuji, HE Xinguang (974)
- Source Apportionment of Soil Heavy Metal in the Middle and Upper Reaches of Le'an River based on PMF Model and Geostatistics..... LI Jiao, TENG Yanguo, WU Jin, JIANG Jinyuan, HUANG Ying (984)

BELT AND ROAD INITIATIVE

- Simulation Analysis of Sources and Transmission Characteristics of Air Pollutants in Lanzhou City in 2017 LIU Hui, XIA Dunsheng, CHEN Hong, YANG Fan, MA Yapeng (993)

Content

RESEARCH

- Simulation of Potential Suitable Distribution of Endangered Waterfowl and Its Gap Analysis of National Nature Reserves in Beijing-Tianjin-Hebei Region under Climate Change Scenarios BAI Xuehong, WANG Wenjie, JIANG Weiguo, SHI Huading, CHEN Kun, CHEN Min (1001)
- The Vertical Distribution of Air Pollutants in a Typical Winter Haze Episode in Wuqing Area LI Yue, YIN Baohui, GENG Chunmei, WANG Xinhua, LI Peng, YANG Wen, BAI Zhipeng (1012)
- Pollution Characteristics and Source Apportionments of Volatile Organic Compounds in Yibin City in Winter XU Chenxi, CHEN Junhui, HAN Li, WANG Jiqin (1020)
- Total Mercury and Methylmercury Distributions in Surface Sediment in Dalian Bay and the Factors Driving the Distributions WANG Lijun, LIU Liang, MA Xindong, LENG Jinhui, GAO Yaqian, LIN Zhongsheng, ZHANG Zhifeng (1026)
- Hydrological Adjusting Service Function and Value Assessment in Wuyishan City based on Distributed Hydrological Model XIA Rui, ZHANG Yuan, YANG Chen, ZHOU Yujian, YANG Zhongwen, PENG Fei, MA Shuqin (1033)
- Numerical Analysis and Simulation of SiO₂ Dust Diffusion in Tunnel by Inclined Shaft QIAO Liwei, JIANG Gefu (1043)
- Effects of Exogenous Nitrogen Enrichment on Distributions of Total Phosphorus in Plant-Soil System of *Suaeda salsa* Marsh in the Yellow River Estuary during the Growing Season YU Linying, SUN Zhigao, SUN Wenguang, HU Xingyun, CHEN Bingbing (1052)
- Effect of Decomposed Dairy Manure on Adsorption of BPA onto Loess Soil LIU Lanlan, JIANG Yufeng, SHI Leiping, YUAN Longmiao, WAN Jianxin, WANG Gang, WU Yingqin (1063)
- Co-Pyrolysis Characteristics of Oil-based Drill Cuttings and One-Component Biomass in Shale Gas Exploitation HUANG Siyu, WANG Yanyun, ZHOU Boxun, ZHOU Zejun, HE Yong, XIA Shibin (1074)
- Multi-Scenarios Simulation of Land Use for Reducing Wind Erosion in Typical Agro-Pastoral Ecotone ZHANG Hanbing, GAO Yang, CUI Yanzhi (1081)
- Research on Emission Inventory Processing Tool based on CSGD Data WANG Kun, GAO Chao, WANG Chenlong, TONG Yali, WANG Shutang, WANG Renjie, LIU Yuan (1090)

