

MAIN CONTENTS

Reconstruction of Flora and Fauna Community Evolution and Human-Earth Interaction Using Sedimentary Ancient DNA: Progress and Perspectives	
<i>WANG Xia-qing, LYU Fei-ya, WAN De-jun, JIN Zhang-dong, HUANG Ping-an, LIU Feng-gui</i>	915
Records of Major and Trace Elements in the Sediment of Huguangyan Maar Lake, Zhanjiang, Guangdong Province, on Climate and Environmental Changes in the Past 400 Years	
<i>HU Feng, LI She-hong, WU Mei, HAN Qiao, HAO Li-kai</i>	926
Distribution of Radioisotope ¹²⁹ I in Soils and Sediments of the Sea-Land Interaction Zone in the Northern South China Sea and Its Influencing Factors	
<i>ZHANG Meng-ting, HOU Xiao-lin, FAN Yu-kun, CHEN Ning, ZHANG Lu-yuan, ZHAO Xue</i>	934
Redistribution Processes of Zn in Soils Highly Affected by Combined Natural and Anthropogenic Activities: Evidence from Stable Zn Isotope	
<i>XIA Ya-fei, QI Meng, GAO Ting, LIU Yu-hui, LIU Cheng-shuai</i>	945
High-Resolution Long-Term Data of China's Rock Weathering Carbon Sink and Its Spatial-Temporal Pattern	
<i>XIONG Lian, BAI Xiao-yong, LI Yang-bing, ZHAO Cui-wei, LUO Guang-jie, WU Lu-hua, CHEN Fei, LI Chao-jun, RAN Chen, ZHANG Si-rui</i>	956
The Spatiotemporal Dynamics of Ecosystem Productivity and Soil Organic Carbon in the Weihe River Basin	
<i>ZHANG Ming-xin, WU Yi-ping, LI Hui-wen, LIU Shu-guang, WANG Fan, SUN Yu-zhu, YANG Xu-dong, LIU Zhao-xia, JIN Zhang-dong, WANG Wen-ke</i>	965
Using δ ¹³ C -Δ ¹⁴ C to Trace the Source of Dissolved Inorganic Carbon in Reservoirs in the Consolidated Area on the Loess Plateau	
<i>YU Xia, LIU Hao, TIAN Rui, LYU Jie-mei, AN Yan-ling, CHENG Peng</i>	974
Spatiotemporal Variations of Forms of Phosphorus in Surface Suspended Particulates of the Karst Dammed Rivers and Their Controlling Factors: A Case Study of the Pingzhai Reservoir and Lake Hongfeng in Guizhou Province	
<i>CAO Wen-fang, HAN Cui-hong, ZHANG Jin-liu, SUN Hai-long, WEI Yu, BAO Qian</i>	981
Effects of the Biological Carbon Pump Effect on Hydrochemistry and Planktonic Algae Succession: A Case Study of the Erhai Lake in Dali, Yunnan, China	
<i>MA Zhen, SUN Hai-long, ZHANG jin-liu, HE Xue-jun, LAI Chao-wei, XIA Fan, SHAO Ming-yu</i>	992
Spatial Distribution Characteristics of Autochthonous and Allochthonous Organic Carbons of Surface Sediments in the Erhai Lake, Dali, Yunnan, China and Their Environmental Significances	
<i>HE Xue-jun, HE Hai-bo, MA Zhen, LAI Chao-wei, XIA Fan, LIU Zai-hua</i>	1003
Sediment Records of Organic Carbon and Nitrogen in Yunnan-Guizhou Plateau Lakes: Implications of Environmental Changes and Anthropogenic Activities	
<i>WU Hong-chen, WANG Jing-fu, YANG Xiao-hong, CHENJing-an</i>	1014
A Simulation Study on Characteristics of Soil Microbial Community Structure under Different Land Uses	
<i>CAI Guan-xia, XIA Fan, LI Dong, BAO Qian, CHEN Bo, ZHAO Min</i>	1023
A Comparative Study on Soil Physical Properties of Steep Slopes in the Gully Region of the Loess Plateau with Different Restoration Years of Typical Vegetation—A Case Study of Wangdonggou in Changwu, Shannxi Province	
<i>ZHU Mi-yuan, YAN Xiao-ying, GUO Tian-qi, HUANG Ming-bin</i>	1033
Impacts of Human Activities on Gully Erosion on the Luoquan Tableland of the Chinese Loess Plateau during the Past 60 Years	
<i>CAO Guo-fan, JIN Zhao, YANG Si-qi, ZHANG Rui-hua, HAN Hao, ZHANG Jing</i>	1041
Response of Ecosystem Service Function to Land Use Change in a Typical Karst Watershed since the 21 st Century	
<i>LI Yue, GENG Hua-cai, BAI Xiao-yong</i>	1051
A Study on Influencing Factors of Carbon and Nitrogen in Waters in A Typical Karst Small Watershed	
<i>LIU Zi-han, WANG Xiao-dan, YUE Fu-jun, LU Meng, ZHANG Ping, SHI Zhi-yu</i>	1060