

目次

冰冻圈与全球变化	分析
0001 李吉均, 周尚哲 极海洋型冰川是什么冰川 ——与景才瑞先生商榷	0079 张欢, 平琦, 吴明静 低温含水砂岩动态压缩力学性能试验研究
0007 蒋观利, 吴青柏, 张中琼 青藏高原不同高寒生态系统类型下多年冻土 活动层水热过程差异研究	0086 侯鑫, 马巍, 李国玉, 周志伟, 黄永庭 冻融循环对硅酸钠固化黄土力学性质的影响
0018 张威, 纪然 辽宁朝阳地区季节冻土最大冻土深度和持续 冻结时间与气候变化的响应研究	0094 高建强, 白瑞强, 马勤国 非饱和粗颗粒土体的冻结试验研究
0026 陈安安, 李真, 贺建桥, 郭忠明, 张伟 高亚洲冰川区 SRTM C-波段 DEM 数据透射 深度研究	0102 王永岩, 柳雪庆, 苏传奇, 张余标, 魏剑 冻融循环对不同孔隙率页岩相似材料影响的 试验研究
0038 李亚楠, 李真, 王宁练 东昆仑山煤矿冰川雷达测厚及冰储量估算	0110 崔宏环, 裴国陆, 姚世军, 王高勇, 张治国 不同养生龄期下水泥土经冻融循环后力学 性能试验探究
0047 杜玉娥, 刘宝康, 贺卫国, 段水强, 侯扶江, 王宗礼 1976 – 2017 年青藏高原可可西里盐湖面积 动态变化及成因分析	0116 何瑞霞, 金会军, 赵淑萍, 邓友生 冻土导热系数研究现状及进展
寒区科学与技术	寒旱区水文与水资源
0055 李先明, 牛富俊, 刘华, 李安原, 牛永红, 许健, 林战举 哈大高铁路基面冻胀变形特征及工程意义	0127 李玉平, 韩添丁, 沈永平, 蒲红铮 天山南坡清水河与阿拉沟流域径流变化特征 及其对气候变化的响应
0062 房建宏, 陈鑫, 徐安花, 张泽 冻融循环对青藏红黏土物理力学性质影响 试验研究	0136 文广超, 王文科, 段磊, 李一鸣, 赵佳辉 青海柴达木盆地巴音河上游径流量对气候 变化和人类活动的响应
0070 黄龙, 盛煜, 胡晓莹, 王生廷, 黄旭斌, 何彬彬 基于弹性地基梁理论的冻胀作用下管道应力	0145 曲玮, 李振涛, Eefje AARNOUDSE, 谭艳美, 赵怡芳 甘肃河西走廊内陆河流域节水战略选择 ——地表水与地下水联合管理

- 寒旱区生物学
- 0156 张宝贵， 刘晓娇， 刘 敏， 张 威，
章高森， 伍修琨， 陈 拓， 刘光琇
青藏高原疏勒河上游不同类型冻土可培养
细菌多样性特征研究
- 0166 买尔当·克依木， 玉米提·哈力克，
古丽比亚·吾买尔， 阿不都艾尼·阿不里
胡杨树干液流日变化及其与气象因素的
相关关系
- 0176 王丽春， 焦 黎， 来风兵
- 基于 *NDVI* 的新疆玛纳斯湖湿地植被覆盖度
变化研究
- 生态经济与可持续发展
- 0186 齐翠姗， 何元庆， 王世金， 何 则，
石晓非， 史晓宜
玉龙雪山国家地质公园地质遗迹资源类型
划分及其综合评价
- 0197 王得楷， 张满银， 叶伟林， 刘兴荣，
陈豫津， 张明礼
黄土地质灾害相关科学研究问题探讨

CONTENTS

- 0006 **LI Jijun, ZHOU Shangzhe**
What glacier is the “ultra-maritime glacier”? A discussion with Professor Jing Cairui
- 0017 **JIANG Guanli, WU Qingbai, ZHANG Zhongqiong**
Study on the differences of thermal-moisture dynamics in the active layer of permafrost in different alpine ecosystems on the Tibetan Plateau
- 0025 **ZHANG Wei, JI Ran**
Response of maximum seasonally frozen depth and duration of soil frozen to climate change in Chaoyang Prefecture of Liaoning Province
- 0033 **CHEN An'an, LI Zhen, HE Jianqiao, GUO Zhongming, ZHANG Wei**
Study of penetration depth for the SRTM C-band DEM in the glacier area over the High Mountain Asia
- 0046 **LI Yanan, LI Zhen, WANG Ninglian**
Ice thickness sounded by ground penetrating radar on the Meikuang Glacier in the Eastern Kunlun Mountains
- 0054 **DU Yu'e, LIU Baokang, HE Weiguo, DUAN Shuiqiang, HOU Fujiang, WANG Zongli**
Dynamic change and cause analysis of Salt Lake area in Hoh Xil on Qinghai-Tibet Plateau during 1976 – 2017
- 0061 **LI Xianming, NIU Fujun, LIU Hua, LI Anyuan, NIU Yonghong, XU Jian, LIN Zhanju**
Characteristics and engineering significance of frost heaving in subgrade of Harbin-Dalian high-speed railway
- 0069 **FANG Jianhong, CHEN Xin, XU Anhua, ZHANG Ze**
Experimental study of the influence of freezing-thawing cycles on physical and mechanical properties of Qinghai-Tibet red clay
- 0078 **HUANG Long, SHENG Yu, HU Xiaoying, WANG Shengting, HUANG Xubin, HE Binbin**
Stress analysis of pipelines subjected to frost heave based on the theory of elastic foundation beam
- 0085 **ZHANG Huan, PING Qi, WU Mingjing**
Experimental study on dynamic compressive mechanical properties of sandstone with low temperature and natural water content
- 0093 **HOU Xin, MA Wei, LI Guoyu, ZHOU Zhiwei, HUANG Yongting**
Effects of freezing-thawing cycles on mechanical properties of loess solidified by sodium silicate
- 0101 **GAO Jianqiang, BAI Ruiqiang, MA Qinguo**
Experimental study on freezing of unsaturated coarse-grained soils
- 0109 **WANG Yongyan, LIU Xueqing, SU Chuanqi, ZHANG Yubiao, WEI Jian**
Experimental study on the effects of freeze-thaw cycles on similar materials with different porosity
- 0115 **CUI Honghuan, PEI Guolu, YAO Shijun, WANG Gaoyong, ZHANG Zhiguo**
Experimental study of mechanical properties of cement soil of different curing time subjected to freezing-thawing cycles
- 0126 **HE Ruixia, JIN Huijun, ZHAO Shuping, DENG Yousheng**
Review of status and progress of the study in thermal conductivity of frozen soil
- 0135 **LI Yuping, HAN Tianding, SHEN Yongping, PU Hongzheng**
Characteristics of runoff variation and its response to climate change of Qingshuihe River and Alagou River watersheds in southern slopes of the Tianshan Mountains
- 0144 **WEN Guangchao, WANG Wenke, DUAN Lei, LI Yiming, ZHAO Jiahui**
Response of runoff to climate change and human activity in the upper reaches of the Bayin River, Qaidam Basin, Qinghai Province

0155

QU Wei, LI Zhentao, Eefje AARNOUDSE,
TAN Yanmei, ZHAO Yifang

Water saving strategy in inland river basin of Hexi Corridor in Gansu Province: conjunctive management of surface water and groundwater

0165

ZHANG Baogui, LIU Xiaojiao, LIU Min,
ZHANG Wei, ZHANG Gaosen, WU Xiukun,
CHEN Tuo, LIU Guangxiu

Characteristics of culturable bacteria diversity among different permafrost types in the upstream regions of the Shule River basin, Qinghai-Tibet Plateau

0175

Maierdang Keyimu, Ümüt Halik,
Gulibiya Wumaier, Abdugheni Abliz

Diel variation of *Populus euphratica* sap flow and its correlation with meteorological factors

0185

WANG Lichun, JIAO Li, LAI Fengbing

The vegetation coverage change based on *NDVI* of the wetland by Manas Lake, Xinjiang

0196

QI Cuishan, HE Yuanqing, WANG Shijin,
HE Ze, SHI Xiaofei, SHI Xiaoyi

The classification and comprehensive assessment of the geological relics resources in Mt. Yulong National Geopark

0204

WANG Dekai, ZHANG Manyin, YE Weilin,
LIU Xingrong, CHEN Yujin, ZHANG Mingli

Discussion on the scientific research relevant to loss geological hazards