Record Nr. UNINA9910781170103321 **Titolo** New permafrost and glacier research [[electronic resource] /] / Max I. Krugger and Harry P. Stern, editors Pubbl/distr/stampa Hauppauge, NY,: Nova Science Publishers, c2009 **ISBN** 1-61668-574-3 Descrizione fisica 1 online resource (326 p.) Altri autori (Persone) KruggerMax I SternHarry P Disciplina 551.3/84 Soggetti Permafrost **Glaciers** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. ""NEW PERMAFROST AND GLACIER RESEARCH "": ""NEW PERMAFROST Nota di contenuto AND GLACIER RESEARCH ""; ""CONTENTS ""; ""PREFACE""; ""PERMAFROST""; ""GEOTECHNICAL CONSIDERATIONS AND TECHNICAL SOLUTIONS FOR INFRASTRUCTURE IN MOUNTAIN PERMAFROST "": ""ABSTRACT""; ""INTRODUCTION ""; ""MOUNTAIN INFRASTRUCTURE AND ALPINE PERMAFROST ""; ""SOME ASPECTS OF ALPINE PERMAFROST HYDROLOGY "": ""GEOTECHNICAL PROPERTIES OF ALPINE PERMAFROST""; ""GEOTHERMAL CONSIDERATIONS IN ALPINE PERMAFROST""; ""DESIGN PROCESS""; ""SITE INVESTIGATION ""; ""LABORATORY TESTING ""; ""MONITORING OF ENVIRONMENT AND STRUCTURE "" ""CONSTRUCTION CHALLENGES IN MOUNTAIN ENVIRONMENTS """"CASE HISTORIES, PROBLEMS AND TECHNICAL SOLUTIONS ""; ""CONCLUSION ""; ""REFERENCES ""; ""PERMAFROST MODELING IN WEATHER FORECASTS AND CLIMATE PROJECTIONS"": ""ABSTRACT "": ""INTRODUCTION "": ""THEORY OF SOIL PHYSICS ""; ""SIMULATING FROZEN GROUND"": ""UNCERTAINTY IN PERMAFROST MODELING"": ""SIMULATING WILDFIRE IMPACTS ""; ""CHALLENGES ""; ""EVALUATION ""; ""FUTURE DIRECTIONS ""; ""REFERENCES""; ""MULTIDRUG-RESISTANT BACTERIA IN PERMAFROST: ISOLATION, BIODIVERSITY, PHENOTYPIC AND GENOTYPIC ANALYSIS ""; ""ABSTRACT""; ""INTRODUCTION ""

"";HARACTERIZATION OF PERMAFROST SEDIMENTS""""ISOLATION AND

PRIMARY CHARACTERIZATION OF ANTIBIOTIC RESISTANT STRAINS FROM PERMAFROST ""; ""STUDY OF ANTIBIOTIC RESISTANCE SPECTRUM OF PERMAFROST STRAINS""; ""LOCALIZATION OF RESISTANCE DETERMINANTS IN GENOMES OF PERMAFROST STRAINS""; ""IDENTIFICATION OF RESISTANCE DETERMINANTS IN PERMAFROST BACTERIAL STRAINS""; ""CONCLUSION ""; ""ACKNOWLEDGEMENTS ""; ""REFERENCES""; ""SIMILARITIES BETWEEN THE RECENT PERMAFROST IN NORTH-WESTERN CANADA AND THE PLEISTOCENE RELICT CRYOGENIC FORMS IN CENTRAL EUROPE (HUNGARY)""; ""ABSTRACT ""; ""INTRODUCTION ""

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""MOUNTAIN PERMAFROST DEGRADATION IN THE NEPAL HIMALAYAS AND THE RUSSIA ALTAI MOUNTAINS"""ABSTRACT""; ""PERMAFROST STUDIES IN NEPAL HIMALAYAS""; ""KHMBU HIMAL""; ""MEASUREMENTS OF GROUND TEMPERATURE LAPSE RATES AT 50-CM DEPTH AND PIT SURVEYS ""; ""THE LAPSE RATE CHANGE OF THE GT50 IN 1973 AND 2004 ""; ""FINDING OF THE FROZEN LAYER""; ""PERMAFROST DEGRADATION BETWEEN 1973 AND 2004""; ""PERMAFROST STUDIES IN RUSSIA ALTAI ""; ""THE SOUTH CHUYSKIY RANGE ""; ""PHENOMENA RELATED TO PERMAFROST DEGRADATION""; ""CONCLUSION ""; ""REFERENCES ""; ""GLACIERS""

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