

## CONTENTS

### PHYSICAL GEOGRAPHY

#### **STRUCTURAL PROPERTIES OF THE NEOGENE EVAPORITE DEPOSITS IN THE SOUTH OF TUZGÖLÜ BASIN, TURKEY**

Arif Delikan, Ayla Bozdağ, Necati Karakaya, Hatice Ercan, Muazzez Çelik Karakaya ..... 3

#### **SENSITIVITY OPTIMIZATION AT THE DENSIFICATION GPS NETWORKS FOR MONITORING CRUSTAL MOVEMENTS**

Haluk Konak, Pakize Küreç Nehbit, Cankut Dağdal İnce ..... 9

#### **WEATHERING OF CARBONATE ROCKS IN A POLLUTED URBAN ATMOSPHERE: THE MECHANISM OF PROCESSES**

Marek Michalik, Wanda Wileczyńska-Michalik ..... 17

#### **PRELIMINARY MINERALOGICAL AND CHEMICAL PROPERTIES OF HALITE IN THE SOUTH OF TUZGÖLÜ BASIN (TURKEY)**

Hatice Ercan, Muazzez Çelik Karakaya, Necati Karakaya, Ayla Bozdağ, Arif Delikan ..... 23

#### **COMPLEX GEOPHYSICAL PROSPECTION – ELECTRICAL RESISTIVITY TOMOGRAPHY AND GEOMAGNETIC SURVEY FOR DETECTING LIMESTONE INCLUSIONS IN MINI MARITSA IZTOK EAD**

Maya Grigorova, Christian Tzankov, Atanas Kisyov, Ivaylo Koprev, Stefan Dimovski ..... 31

#### **A MATHEMATICAL MODELING OF CLIMATE CHANGING VIA EL NIÑO AND LA NIÑA EFFECTS**

Bhupendra Nath Tiwari, S. Chandra Kishore, Ninoslav Marina ..... 39

#### **THE NATURAL MONUMENT “MARKOVI KULI” IN THE LIST OF UNESCO-YES OR NO**

Dragan Kolchakovski, Anita Todorova ..... 49

#### **FEATURES OF MACRO AND MICRO STRUCTURES DETERMINED IN HALITE AND GLAUBERITE DEPOSITS, IN TUZGÖLÜ BASIN (TURKEY)**

Muazzez Çelik Karakaya, Ayla Bozdağ, Hatice Ercan, Necati Karakaya, Arif Delikan ..... 55

#### **MINERALOGICAL PROPERTIES OF EVAPORITE DEPOSITS IN AROUND TUZGÖLÜ BASIN, TURKEY**

Necati Karakaya, Muazzez Çelik Karakaya, Ayla Bozdağ, Hatice Ercan, Arif Delikan ..... 61

#### **RELIEF EVALUATION FOR THE PURPOSES OF RECREATION AND TOURISM – CASE STUDY RAVNA MOUNTAIN AND PALE VALLEY**

Jelena Golijanin ..... 67

**CARTOGRAPHY; GIS AND SPATIAL PLANNING &  
TEACHING AND EDUCATIONAL GEOGRAPHY**

<b>THE IMPORTANCE OF LANDSCAPE DIVERSITY IN SPATIAL PLANNING OF PROTECTED AREAS ON CASE STUDY ON THE NATIONAL PARK MAVROVO</b> Hristina Odzaklieska, Olgica Dimitrovska, Dushica Trpchevska .....	79
<b>ANALYSIS OF CHANGES IN PROPERTY BY USING GIS AND REGRESSION MODELS IN URBAN REGENERATION PROJECTS</b> Cankut Dağdal İnce, Burcu Aslan .....	87
<b>THE FAILURE OF PLANNING ENDEVOUR IN NORTH EAST BORDER AREA OF SERBIA TOWARDS BULGARIA</b> Dejan Djordjević, Nevena Vasiljević .....	95
<b>FOG COMPUTING FOR GEOSPATIAL AND CURRENT GEOSPATIAL STANDARDS</b> Evgeny Panidi .....	103
<b>GIS IN ARMY: USAGE OF GIS IN SHOOTING WITH WEAPON IN PURPOSE TO MINIMIZE RESOURCES AND MAXIMIZE THE RESULTS</b> Aleksandar Petrovski, Dimitar Bogatinov, Dime Boshkovski .....	107
<b>GEOGRAPHICAL PARALLELS AND MERIDIANS IN REGIONAL GEOGRAPHY OF HIGH SCHOOL BETWEEN THE REPUBLIC OF MACEDONIA AND THE REPUBLIC OF BULGARIA</b> Stella Dermendzhieva, Tamara Draganova .....	113
<b>DIGITAL EARTH AS NEXT STEP IN CARTOGRAPHY</b> Eugene Eremchenko, Svemir Gorin, Vladimir Tikunov, Ivan Radevski .....	121

## SOCIO-ECONOMIC GEOGRAPHY

<b>A METHODOLOGY FOR IDENTIFICATION AND ANALYSIS OF CITY SHRINKAGE EFFECTS IN URBAN MORPHOLOGY AND LANDSCAPE</b> Eduardo Brito-Henriques, Paulo Morgado.....	131
<b>DEMOGRAPHIC IMAGE AS AN IMPORTANT SEGMENT OF THE DEVELOPMENT OF SPORTS TOURISM</b> Nikola Panov, Darko Panov .....	139
<b>INDUSTRIAL CULTURE AS AN EMERGING TOPIC IN REGIONAL DEVELOPMENT?</b> Jörn Harfst, Danko Simić .....	147
<b>CREATIVE TOURISM AS A NEW PARADIGM IN THE DEVELOPMENT OF CULTURAL TOURISM IN THE REPUBLIC OF MACEDONIA</b> Hristina Dimeska.....	155
<b>ANALYSIS OF THE CONDITION OF THE LOW COST COMPANIES AND THEIR CONNECTION TO THE TOURISM DEVELOPMENT IN THE REPUBLIC OF MACEDONIA</b> Hristina Dimeska, Nikola Panov .....	163
<b>REANIMATING OTTOMAN HERITAGE SITES: ASSESSMENT OF ŠTIP</b> Biljana Petrevska, Petar Namicev .....	171
<b>THE COMPARATIVE ANALYSIS BETWEEN WINTER SPORTS CENTRE POPOVA SAPKA AND SPORTS CENTRE BREZOVICA</b> Zejnedije Ademi.....	179
<b>THE DISINTEGRATION OF SETTLEMENTS IN BOSNIA AND HERZEGOVINA – THE EXAMPLE OF SARAJEVO/EAST SARAJEVO</b> Mariana Lukić Tanović, Draško Marinković .....	183
<b>THE SOCIAL-CULTURAL FACTORS AND THEIR ROLE IN DEFINING THE SACRED CULTURAL LANDSCAPES IN BUCOVINA</b> Vasile Efros, Ana- Maria Divisevici .....	191
<b>TRENDS AND LEADING CAUSES OF DEATH IN THE REPUBLIC OF MACEDONIA (REGIONAL REVIEW)</b> Marija Ljakoska, Mirjanka Madjevikj .....	201
<b>URBAN SPACE EXPERIENCE AND PERCEPTIONS OF SYRIAN REFUGEE CHILDREN</b> Muazzez Harunoğulları, Yadiğar Polat.....	209
<b>ANALYSING THE SYSTEM OF SETTLEMENTS IN THE REPUBLIC OF KOSOVO</b> Avni Kastrati, Idriz Shala.....	217
<b>MOUNTAIN TOURISM IN MACEDONIA: ASSESSMENT OF THE NATIONAL PARK “PELISTER”</b> Nikola Dimitrov, Blagoja Markoski, Biljana Petrevska, Cane Koteski .....	225

<b>TOURIST VALORIZATION OF URBAN TOURISM: THE CASE OF REGIONAL CENTRES IN REPUBLIC OF MACEDONIA</b>	
Nikola V. Dimitrov, Dejan Metodijeski.....	233
<b>EDUCATIONAL PATTERN OF CHILDLESSNESS IN SERBIA</b>	
Natalija Mirić .....	241
<b>DEVELOPMENT OF ROMA SETTLEMENTS IN NORTHERN MOLDOVA AROUND HUBS AND INTERCHANGES</b>	
Vasile Efros, Ionela Gălbău .....	249
<b>SPATIAL CHARACTERISTICS AND GEOGRAPHICAL DETERMINANTS OF INCOME POVERTY IN TURKEY</b>	
Öznur Akgış, Erdal Karakaş.....	255
<b>BINOMIAL CAUSE - EFFECT RELATIONSHIP BETWEEN THE DEMOGRAPHICS AND MINING IN RURAL SETTLEMENTS IN BUCOVINA</b>	
Morar Nicoleta Ileana, Efros Vasile.....	263
<b>STRUCTURAL AND SPATIAL (RE) ORGANIZATION OF THE INDUSTRY IN THE REPUBLIC OF MACEDONIA IN THE 21ST CENTURY</b>	
Biljana Apostolovska Toshevaska, Marija Ljakoska .....	273
<b>INVESTIGATING MOTIVES FOR PRESERVATION OF JEWISH HERITAGE SITES: THE CASE OF MACEDONIA</b>	
Biljana Petrevska, Shaul Krakover, Noga Collins-Kreiner .....	281