

## Contents

A DECLINE IN THE NUMBER OF GRAY PARTRIDGE SINCE THE 1950S AS A RESULT OF THE IMPACT OF CHANGES IN THE LANDSCAPE STRUCTURE <i>Andrej Kvas, Tibor Patáky</i> .....	11
A PROPOSAL FOR RECOMMENDATIONS OF FORESTRY MANAGEMENT FOR RECREATIONALLY STRESSED FORESTS IN THE CZECH REPUBLIC <i>Kateřina Holuřov, Otakar Holuřa</i> .....	18
ABOVE-GROUND BIOMASS PRODUCTION OF THE SKI PISTE MEADOWS IN THE DONOVALY SKI RESORT (SLOVAKIA) <i>Michal Mikloř, Martin Jančo, Katarina Koristekov, Iľja Vyskot</i> .....	22
ANALYSIS OF GREEN INFRASTRUCTURE FOR TOURIST ROUTES IN THE HODONN MUNICIPALITY WITH EXTENDED POWERS <i>Pavla Pokorn</i> .....	26
ANALYSIS OF THE DYNAMICS OF FOREST AREAS IN THE TERRITORIAL ADMINISTRATIVE UNITS OF THE APUSENI MOUNTAINS, ROMANIA <i>Adrian Gabriel Simion, Iulia Daniela Nedelcu, Alexandra Grecu, Mihnea Cristian Popa, Daniel Peptenatu</i> .....	29
ASSESSMENT OF LOGGING RATES IN CALIMANI MOUNTAINS (ROMANIA) <i>Ana-Maria Ciobotaru, Ion Andronache, Iulia-Daniela Nedelcu, Radu-Daniel Pintilii</i> .....	35
BENEFITS AND LIMITS OF THE USE OF PHOTOGRAPHY FOR THE DEVELOPMENT OF ENVIRONMENTAL AWARENESS <i>Jana Dundelov</i> .....	40
BIOCENTRE VICEMILICE'S PONDS ASSEMENT <i>Petra Opletov, Klara Bedřichova</i> .....	45
BUILDING PERMITS OF SELECTED RECREATIONAL BUILDINGS FROM THE POINT OF VIEW OF THE BUILDINGACT <i>Alena Klikov</i> .....	49
CAN WE IMPROVE QUALITY OF CULTURE HERITAGE SITE WATER ELEMENTS TO BE MORE ATTRACTIVE FOR VISITORS & IN SUSTAINABLE STATE? <i>Miloř Rozkořn, Josef Kratina, Hana Hudcov</i> .....	51
COMPARISON OF FOREST FUNCTION ASSESSMENT WITH ITS REALISATION ON THE MARKET BASED ON THE CONTRACTUAL RELATIONSHIP (CASE STUDY) <i>Dalibor řafařik, David Březina</i> .....	56
COMPARISON OF THE CURRENT SOLUTION OF THE SINGLETRAIL MORAVSK KRAS CENTRE WITH A SELECTED CENTRE ABROAD <i>Petr Hrza, Petr Pelikn, Ondřej Hemr</i> .....	62
CONCENTRATING CREATIVE ECONOMIES IN THE WEST DEVELOPMENT REGION <i>Daniel Peptenatu, Marian Marin, Andreea Karina Gruia, Alexandra Grecu, Catlin Rzvan Dobrea</i>	67
CONSTRUCTIVE METHOD FOR THE REGENERATION OF WETLANDS FOR THE INCREASE OF RECREATIONAL ECOSYSTEM SERVICES <i>Mihnea Cristian Popa, Iulia Daniela Nedelcu, Daniel Constantin Diaconu</i> .....	73
CREATIVE ECONOMIES ROLE IN SUSTAINABLE DEVELOPMENT OF LOCAL ECONOMIES IN CENTRAL REGION - ROMANIA <i>Marian Marin, Andreea Karina /Gruia, Alexandra Grecu, Cristina Dima, Rzvan Catlin Dobrea</i> . . .	78

CULTURAL FUNCTIONS AND SERVICES OF GEODIVERSITY WITHIN URBAN AREAS (WITH A SPECIAL REGARD ON TOURISM AND RECREATION) <i>Lucie Kubalíková, Aleš Bajer, Emil Drápela, Dana Zapletalová, Karel Kirchner, Marie Balková, Kamil Zágoršek, František Kuda, Pavel Roštinský.....</i>	<i>84</i>
CULTURAL HERITAGE AS A TOURIST DESTINATION <i>Eva Abramuszkinová Pavlíková.....</i>	<i>90</i>
CYCLING ROUTES IN PROTECTED AREAS IN SLOVAKIA <i>Adriana Šebešová, Branislav Kršák, Lubomír Štrba, Jana Kolačková, Csaba Sidor.....</i>	<i>94</i>
DEFINITION AND USE OF RECREATIONAL FUNCTIONS OF FORESTS IN PROTECTED AREAS OF TUSHETI, SOUTH CAUCASUS MTS., GEORGIA <i>Kateřina Holuřová, Otakar Holuřa.....</i>	<i>97</i>
DISFUNCTIONALITIES IN THE ORGANIZATION AND DEVELOPMENT OF SPA TOURISM DEVELOPED ON SALT RESOURCES IN MARAMURES, ROMANIA <i>Camélia Teodorescu, Daniel Diaconu, Roxana Radu.....</i>	<i>101</i>
DISPARITIES IN THE DISTRIBUTION OF COMPANIES FROM TOURISM SECTOR IN THE SOUTH-EASTERN REGION OF ROMANIA <i>Oana-Elena Joita, Cristina Dima, Karina Andreea Gruia, Alexandra Grecu, Cristian Constantin Draghici.....</i>	<i>106</i>
DISPARITIES IN THE DISTRIBUTION OF EMPLOYEES FROM TOURISM SECTOR IN THE SPA RESORTS FROM ROMANIA <i>Alexandra Grecu, Andreea Karina Gruia, Oana-Elena Joita, Cristian Constantin Drăghici, Daniel Peptenatu.....</i>	<i>112</i>
DISPARITIES IN THE DISTRIBUTION OF TURNOVER IN CREATIVE ECONOMIES. CASE STUDY - SOUTH-WEST DEVELOPMENT REGION <i>Andreea Karina Gruia, Marian Marin, Alexandra Grecu, Cristina Dima, Daniel Peptenatu.....</i>	<i>118</i>
ECOLOGICAL INTEGRITY ASSESSMENT AS A TOOL FOR LANDSCAPE MANAGEMENT IN THE EUROPEAN COUNTRIES: A COMPARISON BETWEEN TWO LEVELS OF LANDSCAPE (NATIONAL AND REGIONAL) <i>Safa Chourabi, Petr Kupec.....</i>	<i>124</i>
ECOLOGICAL TREATMENT OF WASTEWATERS FROM RECREATIONAL FACILITY FOR 36 P.E. IN JESENÍKY PROTECTED LANDSCAPE AREA <i>Tereza Poloprutská, Michal Křiřka Dunajský, Petra Oppeltová.....</i>	<i>128</i>
EDUCATIONAL ACTIVITY OF MEMBERS OF THE STUDENTS' SCIENTIFIC ASSOCIATION AT THE FACULTY OF FORESTRY, WARSAW UNIVERSITY OF LIFE SCIENCES - SGGW <i>Szczepan Kopec, Katarzyna Koc, Dominik Broda, Aleksandra Giedrowicz, Paweł Staniszewski... </i>	<i>132</i>
EFFECT OF SHRUB LAYER ON THE INTERCEPTION PROCESS IN DECLINED CLIMAX SPRUCE FORESTS IN THE TATRA NATIONAL PARK (SLOVAKIA) <i>Martin Jančo, Ilja Výskot, Michal Mikloř, Miriam Várková, Jozef Zverko.....</i>	<i>137</i>
ENVIRONMENTAL EDUCATION AT FARMS <i>Petra Oppeltová, Marie Navrátilová, Pavla Mareřová.....</i>	<i>141</i>
EXTINCT SETTLEMENTS IN ŠUMPERK DISTRICT - THE CURRENT STATE AND VISIONS <i>Andrea Lesková, Hana Vavrouchová.....</i>	<i>145</i>
FLOOD MITIGATION IN EASTERN SLOVAKIA BASED ON QUESTIONNAIRE SURVEY <i>Vlasta Ondrejka Harbulakova, Martina Zelenakova, Maria Sugarekova.....</i>	<i>151</i>

FOREST ROAD IN THE LANDSCAPE: IMPACT ON THE ENVIRONMENT <i>Pablo Fernandez Arias, Šlezinger Miloslav</i> .....	156
FRUIT ALLEYS IN RURAL LANDSCAPE - IN POLAND AND MORAVIA <i>Beata Fortuna-Antoszkiewicz, Jan tukaszkiwicz, Edyta Roslon-Szeryńska, Piotr Wiśniewski</i> . . . .	162
HELPING WATER MANAGEMENT AND RECREATION IN LANDSCAPE BASED ON THE SAME FOUNDATIONS <i>Jan Deutscher, Petr Kupec, Petr Sedlák</i> .....	168
HERITAGE OF THE MEDIEVAL HUMAN ACTIVITY IN THE PRESENT LANDSCAPE OF THE NATIONAL PARK LOW TATRAS (SLOVAKIA) <i>Pavel Hronček, Lubomír Štrba, Bohuslava Gregorová</i> .....	172
HISTORIC FIELD ROADS NETWORK IN THE CONTEXT OF THE CURRENT LANDSCAPE <i>Petr Karásek, Jan Szturc</i> .....	177
HISTORICAL MAPS PROCESSED INTO A GIS FOR THE ASSESSMENT OF FOREST LANDSCAPE DYNAMICS <i>Giuseppe Cillis, Dina Statuto, Pietro Picuno</i> .....	180
HOSPITAL GREEN SPACES AS DESIGNED NATURE FOR RECOVERY AND RECREATION: CASE STUDY NITRA, SLOVAKIA <i>Denisa Halajová, Attila Tóth, Maria Bihuňová</i> .....	185
IMPACT OF ENVIRONMENTAL-FRIENDLY PRODUCTS ON BUYING BEHAVIOUR OF CZECH AND SLOVAK CONSUMERS IN THE TIMBER PRODUCT SEGMENT <i>Jakub Michal, David Březina, Andrea Sujová</i> .....	192
IMPROVING OF RECREATIONAL AND EDUCATIONAL POTENTIAL OF NATURAL LANDSCAPE THROUGH GAMIFICATION AND BARRIER-FREE ELEMENTS <i>Mariana Jakubisová</i> .....	198
INFLUENCE OF HUMAN ACTIVITIES ON THE DISTRIBUTION OF WILD BOAR IN THE FOREST ENVIRONMENT <i>Jakub Drimaj, Marie Balková, Radim Plhal, Jiří Kamler, Zdeněk Adamec, Ondřej Mikulka</i> . . . . .	202
INFLUENCE OF SLOPE GRADIENT ON SHORE STABILITY <i>Miloslav Šlezinger</i> .....	206
INTEGRATION OF BRIDGE CONSTRUCTIONS INTO THE LANDSCAPE <i>Pavla Kotásková, Jitka Fialová</i> .....	208
INTEGRATION OF THE HISTORICAL WATERMILL INTO A SUSTAINABLE PERI-URBAN RIVERFRONT REDESIGN <i>Miroslav Čibík, Attila Tóth, Roberta Štěpánková</i> .....	212
LAND CONSOLIDATION HAND IN HAND WITH THE DEVELOPMENT OF TOURISM <i>Jana Podhrázká, Josef Kučera, Jan Szturc, Petr Karásek, Jana Konečná</i> .....	217
LANDSCAPE VALUES IN THE PLANNING PRACTICE REFLECTION - RECREATIONAL POTENTIAL FROM RESIDENTS POINT OF VIEW <i>Hana Vavrouchová</i> .....	222
LEGAL PROTECTION OF NON-LIVING NATURE IN SLOVAKIA IN THE CONTEXT OF TOURISM DEVELOPMENT <i>Jana Kolačková, Lubomír Štrba, Branislav Kršák, Adriana Šebešová</i> .....	226

LINKS BETWEEN PROTECTED AREAS AND FOREST DYNAMICS IN THE ROMANIAN CARPATHIANS. CĂLIMANI MOUNTAINS, AS A CASE STUDY <i>Radu-Daniel Pintilii, Ana-Maria Ciobotaru, Marian Marin</i> .....	231
MANAGEMENT OF URBAN FOREST TO ENSURE THE SAFETY OF TOURISTIC USE ON THE EXAMPLE OF WARSAW <i>Marzena Suchocka, Kinga Kimic</i> .....	236
MICROCLIMATE CONDITIONS ON MOHELNO SERPENTINE STEPPE NATIONAL NATURE RESERVE AFTER MANAGEMENT PLAN REALIZATION <i>Hana Středová, Eva Stehnová, Tomáš Středa, Miroslav Vysoudil</i> .....	240
MOBILE APPLICATIONS AS A TOOL SUPPORTING ENVIRONMENTAL EDUCATION AND TOURISM IN PROTECTED AREAS - KAMPINOS NATIONAL PARK, POLAND <i>Kinga Kimic</i> .....	246
MONITORING OF VISITOR ARRIVALS AT THE AREA OF MĚSTSKÉ LESY HRADEC KRÁLOVÉ A. S. USING FIELD COUNTING DEVICES <i>David Březina, Jakub Michal, Jitka Fialová</i> .....	250
MOVING OF VISITORS SINGLE TRAIL MORAVIAN KARST ON THE FORESTRY ROADS IN KRTINY <i>Lucie Olišarová, Luboš Kala, Petr Hruža</i> .....	254
NATURE AND PLAY: PARENTS ATTITUDES TOWARDS CHILDREN'S RECREATIONAL ENVIROMENTS <i>Marzena Suchocka, Magdalena Blaszczyk, Joanna Kosno</i> .....	258
NATURE AROUND BÍLOVICE NAD SVITAVOU AND ITS SPRINGS <i>Tomáš Masiček, Leon Mádr</i> .....	263
NEISSELAND GEOPARK: CONCEPT, PURPOSE AND ROLE IN PROMOTING SUSTAINABLE TOURISM <i>Emil Drápela, Jörg Büchner</i> .....	268
OPPORTUNITIES AND NEEDS OF HUNTING EDUCATION IN POLAND <i>Maigorzata Woźnicka, Emilia Janeczko, Pawel Staniszewski, Krzysztof Janeczko, Maciej Bilek</i> ....	273
POLLEN ALLERGENS IN THE LANDSCAPE AND WASTE LANDFILL OF COMMUNAL WASTE <i>Jan Winkler, Dan Uldrijan, Helena Hanušova, Jana Červenková, Magdalena Daria Vaverková, Dana Adamcová</i> .....	277
POPLARS' SHELTERBELTS AND WOODLOTS IN THE CULTURAL LANDSCAPE OF POLAND - FUNCTIONS, APPLICATION AND MAINTENANCE <i>Jan Lukaszkiwicz, Beata Fortuna-Antoszkiewicz, Edyta Roston-Szeryńska, Piotr Wiśniewski</i> . . . .	281
PREFERENCE FOR RECREATION OF THE INHABITANTS OF VERY SMALL MUNICIPALITIES IN THE SOUTH MORAVIAN REGION <i>Andrea Lesková</i> .....	286
PRESERVED WATER MANAGEMENT FACILITIES IN BOSKOVICE AND ITS SURROUNDINGS AND POSSIBILITIES OF THEIR USE FOR TOURISM <i>Marek Havlíček, Josef Svoboda, Hana Skokanova, Roman Borovec</i> .....	290
PROPOSAL OF BIOTECHNICAL STABILIZATION - AREA HULÍN <i>Miloslav Šlezing, Pablo F.Arias</i> .....	295
QUANTIFICATION METHOD OF THE CUMULATIVE LOSS OF THE FORESTS <i>Andronache Ion, Radu-Daniel Pintilii, Alexandra Grecu, Diaconu Daniel Constantin</i> .....	297

QUANTIFICATION OF ABRASION AS A BASIS FOR REVITALIZATION OF THE BANKS OF RECREATIONAL WATER RESERVOIR POČŮVADLO <i>Matúš Jakubis</i> .....	303
REAL ESTATE PRICES IN RECREATIONAL AREAS <i>Pavel Klika, Martina Vařechová</i> .....	307
RECOMMENDATIONS FOR TRANSFER OF RECREATION VALUES TO CZECH NATURAL SITES <i>Kateřina Kaprová</i> .....	313
RECREATION IN THE CONTEXT OF FOREST FUNCTIONS AND FOREST MANAGEMENT <i>Václav Kupčák, Jaroslav Jánský, Pavel Klein, Richard Pek</i> .....	377
RECREATION TRAIL TYPOLOGY <i>Tomáš Kvasnička, Hana Hermova</i> .....	322
RECREATIONAL IMPORTANCE OF VERY LARGE TREES IN URBAN ENVIRONMENT <i>Ivo Machar, Aleš Rudl, Lubor Uradnicek, Luděk Praus, Veronika Vlčkova, Vilem Pechanec</i> .....	326
RECREATIONAL MANAGEMENT OF FOREST WATER RESERVOIRS IN THE OPINION OF THEIR USERS <i>Emilia Janeczko, Dorota Kargul-Plewa, Malgorzata Woźnicka, Krzysztof Janeczko, Jarosław Sadowski</i> .....	330
REGIONAL TOURISM ORGANIZATION TEKOV AND SUSTAINABLE TOURISM DEVELOPMENT: PREFERENCES OF LOCAL RESIDENTS AND STAKEHOLDERS <i>Michaela Kalivodová, Ivan Laco, Andrej Raniak, Viktoria Miklósová, Simona Stašová, Tomáš Kováč</i> .....	334
RESTORING BIODIVERSITY IN A HIGHLY-INTENSIVE TOURISTIC URBAN AREA: A CASE STUDY IN THE CITY OF MATERA (SOUTHERN ITALY) <i>Pietro Picuno, Giuseppe Cillis, Dina Statuto</i> .....	339
SERVICES QUALITY EVALUATION AS A TOOL FOR VISITOR MANAGEMENT OF PROTECTED AREAS: A CASE STUDY OF MORAVIAN KARST <i>Stanislava Pachrová, Eva Janoušková, Petr Chalupa</i> .....	344
SETTLEMENT OF THE LANDSCAPE WITH EUROPEAN BEAVER (CASTOR FIBER) IN RELATION TO ANTHROPOGENIC INFLUENCES <i>Ondřej Mikulka, Zdeněk Patočka, Jakub Drimaj, Jiří Kamler, Radim Plhal, Miloslav Homolka</i> .....	348
SILVER HAIR TOURIST - NEW TRENDS IN TOURISM AND RECREATION <i>Magdalena Kowalska</i> .....	352
SLOPE STABILITY IN URBAN PARKS - TREES VERS. LOANS, CASE STUDY NORTHERN TERRACES LOCALITY, HRADEC KRÁLOVÉ, CZECH REPUBLIC <i>Petr Kupec, Jan Deutscher</i> .....	356
SOCIOCULTURAL ASPECTS OF CITYSCAPE DOMINANTS CHANGE AND PERCEPTION <i>Vaida Vaitkutė Eidimtienė</i> .....	367
SPATIAL CONFLICTS OF WINTER SKI RESORTS WITH WILDLIFE HABITATS - CASE STUDY BESKYDY MTS. AND MORAVIAN WALLACHIA <i>Marek Havlíček, Ivo Dostál</i> .....	365
SPATIAL DISTRIBUTION OF NATURAL REGENERATION AT A GALE-DISASTER AREA IN THE SUMAVA NATIONAL PARK <i>Jiří Kadlec, Kateřina Novosadová, Pavel Štětina, Radek Pokorný</i> .....	377