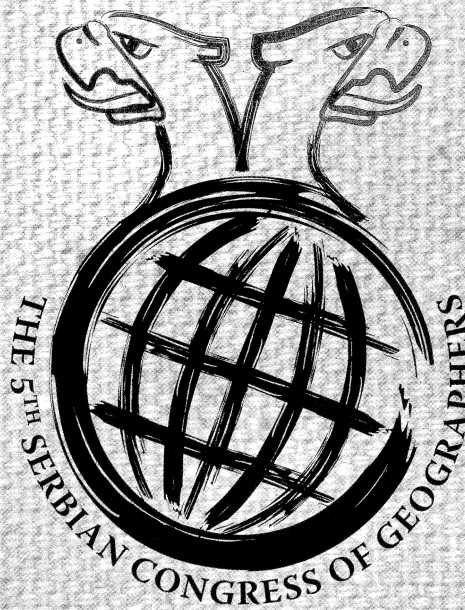


Univerzitet u Novom Sadu | Prirodno-matematički fakultet
DEPARTMAN ZA GEOGRAFIJU, TURIZAM I HOTELIJERSTVO



INNOVATIVE APPROACH AND PERSPECTIVES OF THE APPLIED GEOGRAPHY

Abstract Book

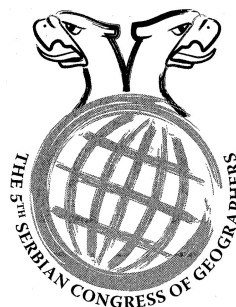
Novi Sad | Vojvodina | Serbia
September 9 – 11, 2021

University of Novi Sad | Faculty of Sciences
DEPARTMENT OF GEOGRAPHY, TOURISM AND HOTEL MANAGEMENT

THE 5TH SERBIAN CONGRESS
OF GEOGRAPHERS, 2021

**INNOVATIVE APPROACH
AND PERSPECTIVES
OF THE APPLIED GEOGRAPHY**

Abstract Book



Novi Sad | Vojvodina | Serbia

University of Novi Sad | Faculty of Sciences
DEPARTMENT OF GEOGRAPHY, TOURISM AND HOTEL MANAGEMENT

THE 5TH SERBIAN CONGRESS
OF GEOGRAPHERS
**INNOVATIVE APPROACH AND PERSPECTIVES
OF THE APPLIED GEOGRAPHY**

Abstract book

ISBN 978-86-7031-588-4

Editor in chief

Dr. Milica Pavkov Hrvojević, Dean

Editorial Board

Prof. Dr. Mirko Grčić, President, Serbian Geographical Society
Prof. Dr. Lazar Lazić, Director, DGTH, Novi Sad
Prof. Dr. Vladimir Stojanović, Head of Geo-ecology Chair, DGTH, Novi Sad
Prof. Dr. Anđelija Ivkov-Džigurski, Head of Social Geography Chair, DGTH, Novi Sad
Prof. Dr. Milka Bubalo Živković, Head of Regional Geography Chair, DGTH, Novi Sad
Prof. Dr. Dragolav Pavić, Head of Physical Geography Chair, DGTH, Novi Sad
Prof. Dr. Rajko Gnjato, Director, Department of Geography, Banja Luka
Prof. Dr. Dejan Filipović, Dean, Faculty of Geography, Belgrade
Prof. Dr. Aleksandar Radivojević, Dean, Department of Geography, Niš

Printed by

Sajnos, Novi Sad

Circulation

200

The Conference has been supported by

- *Provincial Secretariat for Higher Education and Scientific Research, Autonomous Province of Vojvodina, Republic of Serbia*
- *Ministry of Education, Science and Technological Development, Republic of Serbia*



City of Novi Sad – Urban Heart of Vojvodina

Novi Sad is the capital of the Autonomous Province of Vojvodina and the second largest city in Serbia. It is the industrial, cultural, scientific, educational, and administrative centre of Vojvodina.

Seen from above, City of Novi Sad reveals itself as a city located in a vast plain, spacious and open to all directions. Fortress of Petrovaradin, a historical site, is situated on the right bank of the River Danube, whereas a tall building of Central Post Office, massive construction of Spens Sports Centre, immense headquarter of Petroleum Industry of Serbia and elegant oval edifice of Banovina (a seat of Executive Council of Autonomous Province of Vojvodina) are situated on the left. What eyes could also perceive are green oases embodied in City parks, with labyrinth of streets and alleys meandering around them and cut across with wide and straight boulevards.

Moreover, there is the Danube as an unsymmetrical, potent axe of the City, embraced with long quay and Štrand, the most beautiful city beach along the Danube.

Nowadays, a widely recognizable symbol of the City is Exit Festival, while in the past, and even so today that place has been reserved for the Serbian cultural institutions: Matica srpska - the oldest cultural-scientific institution of Serbia, Serbian National Theatre, Sterijino pozorje Theatre Festival...

Furthermore, our City, in contrast to many other European destinations, has the reputation, by full right, of a multinational, multicultural and multi-confessional metropolis in which all differences are seen as advantages.



Department of Geography, Tourism and Hotel Management

Department of Geography, Tourism and Hotel Management was established 1962 by academician Branislav Bukurov. During previous almost half century, the Department has grown and developed, which brings it today amongst the most respectable Institutes of Geography in South-East Europe.

The main professional activities of the Department are educational/teaching, scientific/research and publishing. Educational activity is provided through bachelor, master and PhD studying programmes.

Long lasting scientific researches have been conducted through several projects funded by governmental bodies, such as "Geographic research of municipalities in Vojvodina", "Geomorphological map of Yugoslavia", "Condition and developing directions of Vojvodina", "Loess-palaesol sequences in Serbia", "Demographic transition in Serbia" and "Regional Water Resources Investigations In The Scope Of Sustainable Development" (funded by UN).

The Department quarterly publishes two scientific journals: *Geographica Pannonica* and *Turizam*, and also the Department's Collection of papers with the longest tradition. Besides geoscience, multidisciplinary activities of the Department also involve research in tourism, sustainable development, marketing, management, etc.

Consequently, quality lectures, adequacy and eminence of the professors and assistants result with prosper and competitive students successfully employed worldwide.

Innovative Approach and Perspectives of Applied Geography

About the conference

The 5th Serbian Congress of Geographers – *Innovative Approach and Perspectives of Applied Geography* is dedicated to various aspects of applied geography. Geographers strive to understand natural and social phenomena in the space that surrounds them, whereas their findings are developed in the dialectics with the space. Therefore geographical research refers to the ‘real world’ around us. By disseminating their research results, geographers are given the opportunity to form attitudes of the broader population.

Some geographical disciplines primarily focus on the findings that can be applied in solving urgent issues in a society, which can be observed in the fields of climate change, environmental protection, demography, tourism, urban and regional planning. The possibilities for the application of geographical research results can be even broader, so they can refer to the issues of social inequality, social conflict solutions, the development of culture and its geographical distribution, as well as to the issues of adopting policies that are important for the development of a community.

Geography and geographers can and must contribute significantly to the understanding of natural and social processes in the context of global challenges. There is a wide agreement on the exact status of the applied geography in an array of diverse situations in connection with the geographical science, which should inspire researchers to develop applied geography with more enthusiasm wherever they can. On the basis of the above-mentioned, *The 5th Serbian Congress of Geographers* is dedicated to the applied geography, with the aim of increasing its presence within the space in which we live and create.

Congress Organizer:

- Department of Geography, Tourism and Hotel Management, Faculty of Sciences, University of Novi Sad
with support of
 - Serbian Geographical Society, Belgrade
 - Faculty of Geography, University of Belgrade
 - Faculty of Natural Sciences and Mathematics, University of Banja Luka, Republika Srpska, Bosnia and Herzegovina
 - Department of Geography, Faculty of Sciences and Mathematics, University of Niš
 - Department of Geography, Faculty of Sciences and Mathematics, University of Priština in Kosovska Mitrovica
 - Geographical Institute “Jovan Cvijić”, SASA, Belgrade

Conference dates: September 9 – 11, 2021

Congress Venue: University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics, A1, Trg Dositeja Obradovića 4, Novi Sad and Department of Geography, Tourism and Hotel Management, Trg Dositeja Obradovića 3.

Official Language of the conference for presentations: English and Serbian

Website: <http://www.dgt.uns.ac.rs/page.php?344>

Honorary Board

- Prof. Dr Zoran Milošević, Provincial Secretariat for Higher Education and Scientific Research
- Prof. Dr Dejan Jakšić, the Rector of the University of Novi Sad
- Dr Radivoje Stojković, President, National Educational Council
- Prof. Dr Slobodan Ćurčić, Professor Emeritus
- Prof. Dr Stevan Stanković, Professor Emeritus

Congress Scientific Committee

- Prof. Dr Mirko Grčić, President, Serbian Geographical Society
- Prof. Dr Lazar Lazić, Director, DGTH, Novi Sad
- Prof. Dr Vladimir Stojanović, Head of Geo-ecology Chair, DGTH, Novi Sad
- Prof. Dr Anđelija Ivkov-Džigurski, Head of Social Geography Chair, DGTH, Novi Sad
- Prof. Dr Milka Bubalo Živković, Head of Regional Geography Chair, DGTH, Novi Sad

- Prof. Dr Dragoslav Pavić, Head of Physical Geography Chair, DGTH, Novi Sad
- Prof. Dr Rajko Gnjato, President of the Geographical Society of the Republic of Srpska
- Prof. Dr Dejan Filipović, Dean, Faculty of Geography, Belgrade
- Prof. Dr Aleksandar Radivojević, Dean, Department of Geography, Niš
- Prof. Dr Goran Trbić, Dean, PMF Banja Luka
- Dr Danijela Vukoičić, Chief of Department of Geography, PMF, Kossowska Mitrovica
- Vladimir Aleksandrovič Kolosov, PhD, Lomonosov University, Russia
- Szabo Szilard, PhD, University Of Debrecen, Hungary
- Michal Lehnert, PhD, Palacky University Olomouc, Czech Republic
- Eva Konečnik Kotnik, PhD, University of Maribor, Faculty of Arts, Slovenia
- Cezar Morar, PhD, University of Oradea, Romania
- Tanya Zheng Tan, PhD, Lille Catholic University, Mechanical and Civil Engineering Department, France
- Moira Kostić Bobanović, PhD, 'Juraj Dobrila' University of Pula, Faculty of Economics and Tourism "Dr. Mijo Mirković", Croatia
- Valentin Mihajlov, PhD, Bulgarian Academy of Sciences and University of Silesia in Katowice, Poland

Congress organisation committee

- Prof. Dr Milica Pavkov Hrvojević
- Prof. Dr Lazar Lazić
- Prof. Dr Mirko Grčić
- Prof. Dr Anđelija Ivkov-Džigurski
- Prof. Dr Vladimir Stojanović
- Prof. Dr Milka Bubalo Živković
- Prof. Dr Mladen Jovanović
- Prof. Dr Ljubica Ivanović Bibić
- Dr Miroslav Vujičić
- Dr Dragan Milošević
- Dr Jelena Milanković Jovanov
- Dr Dragana Vuković Vojnović

CIP - Каталогизација у публикацији
Библиотеке Матице српске, Нови Сад

91(048.3)

THE Serbian congress of geographers (5 ; 2021 ; Novi Sad)
Abstract book / The 5th Serbian congress of geographers "In-
novative approach and perspectives of the applied geography",
9-11th, September, 2021, Novi Sad ; [editor in chief Milica Pavkov
Hrvojević]. - Novi Sad : Faculty of Sciences, Department of geogra-
phy, tourism and hotel management, 2021 (Novi Sad : Sajnos). - VII,
101 str. ; 24 cm

Tiraž 200.

ISBN 978-86-7031-588-4

a) Географија - Апстракти

COBISS.SR-ID 45269769

CONTENT

Plenary Session.....	3
Challenges of Modern Geomorphology.....	6
Climate Change: Consequences, Mitigation and Adaptation	9
Challenges of Modern Hydrology.....	17
Geocology and Environmental Protection.....	19
Demographic Development, Population Policy and Migration	28
Geoinformatics, the Role of Geography in the 4 th Industrial Revolution.....	36
Economic Geography, Unbalanced Spatial Development and Globalization.....	41
Regional Geography and Regional Development.....	43
Planning, Development and Protection of Space and Settlements.....	49
Geopolitical Issues and Challenges in the Modern World.....	56
Geography Education, Teaching Methodology and Didactics.....	58
Applied Geography in Tourism	69
Poster Section.....	76

CYCLING TOURISM AS A TOOL FOR URBAN SUSTAINABLE DEVELOPMENT - EVIDENCE FROM BELGRADE AND NOVI SAD (SERBIA)

Vanja Pavluković, Sanja Kovačić, Uglješa Stankov

University of Novi Sad, Faculty of Sciences, Department of Geography, Tourism and Hotel Management, Novi Sad, Serbia

Countries worldwide have formulated a number of strategies to develop greener transport practices and to encourage active mode of transport, such as cycling. Cities have established cycling-friendly policies and bike-sharing schemes as part of its transport policy in order to stimulate cycling among visitors and residents. As a form of sustainable and active travel, cycling tourism enjoys growing popularity in Europe. In Serbian tourism strategy, cycling tourism is recognized as one of the special interest products that should be developed in selected tourist destinations. However, there is a lack of research on this topic from the residents' point of view. Therefore, the aim of this study is to assess the perception of residents of Belgrade and Novi Sad, two largest cities and the most visited tourist destinations in Serbia, towards cycling tourism development. The results show strong support for cycling tourism development and could be valuable to urban and tourism planners.

Keywords: cycling, tourism, sustainability, urban development, green city

TOURISM FUNCTIONING AS SUSTAINABLE RURAL DEVELOPMENT IN NOVI PAZAR

Dragan Petrović, Danijela Vukoičić

University of Priština temporarily settled in Kosovska Mitrovica, Faculty of Natural Sciences and Mathematics, Serbia

In poorly developed parts of Serbia, natural and anthropogenic tourism values are the biggest contributors to the sustainable rural development. This study was conducted using poll research by a method of choosing respondents where by analysing economical, social, and cultural aspects and aspects of the environment we look at the current situation, with a goal to clearly define both strong and weak points of rural settlements situated in Novi Pazar. We got the indicator value as a result of average values of related questions, and the sustainable rural development index

(SRDI) is represented by the average value of all of those indicators. The results of the SRDI equation will help us in the process of planning the development of rural settlements, with a goal of removing all the weak points and threats, improving the usage of strong points and opportunities, by means of tourism based on sustainable development.

Keywords: Rural tourism, Sustainable rural development index (SRDI), Novi Pazar, Serbia

OSTROG MONASTERY AS THE LARGEST RELIGIOUS CENTER IN THE WESTERN BALKANS AND ITS IMPACT ON CHRISTIANITY

Igor Stamenković, Vuk Garača, Rastislav Stojsavljević, Jelena Gajić

University of Novi Sad, Faculty of Sciences, Department of Geography, Tourism and Hotel Management, Novi Sad, Serbia

Christianity as one of the three largest monotheistic religions is territorially the most widespread religion in the world. As a result of colonial and neo-colonial expansion, it is present in almost all countries today. There are over 1.5 billion Christians in the world, accounting for about 23.1% of the world's population. Each religion has religious centers that make up a place or space from which religion spreads to surrounding areas in the form of concentric circles at specific intervals. Such phenomena are the subject of study of the geography of religion, which unfortunately is not sufficiently present in Serbian scientific circles. Ostrog Monastery is located in Montenegro in the Bjelopavlić area (on the Ostroška greda mountain), and belongs to the municipality of Danilovgrad. It was founded by Metropolitan Vasilije of Herzegovina in the 17th century. He was buried there and canonized as a miraculous saint, named St. Vasilije Ostroški. This paper will describe the period of creation and strengthening of the Ostrog monastery and its intense impact of the expansion on the surrounding areas beyond the borders of Montenegro and the Western Balkans countries.

Keywords: christianity, geography of religion, Ostrog monastery, Montenegro