EUROPEAN WALKING ROADS-FOR SUSTAINABLE, GREEN TOURISM

Dragan RANĐELOVIĆ, Milan TRUMIĆ, Maja TRUMIĆ, Vukosav ANTONIJEVIĆ, Snežana ĐOŠEVSKA

Abstract: In this work ,activities, which create the conditions for development of ecological, mountain, rural and others sustainable tourism, in the territory of Bor – East Serbia, are described, by using the advantages, which are enabled by European walking roads, especially E4- European road, which leads through Serbian territory.

It is specifically described the way of making this road route and logging potentials or rural/village tourism on and around the route of European Walking road E4, in Bor's territory.

Keywords: Europe, Serbia, sustainable tourism, walking roads.

INTRODUCTION

Under the term European Walking roads is meant a net of long walking paths, which are going through almost the whole Europe and leads exclusively through nature and near culturally and historical monuments, preserved natural spaces, spas, lakes etc..

European Walking roads are primarly intended for mountaineering, tourists and others who wants to walk a certain distance, enjoy in nature and learn about the specifics of a particular area.

European Walking roads are Formed by European Walking Association (ERA), which defined the 12 European Walking Routes so far, with the lenght which exceeds 55.000 km.

European roads are of great importance for the development of sustainable tuorism, especially ecological, mountain, rural and others. Mountaineering societies are now most concerned with these roads, but they have to be unter the national and local authorities, especially when they are defined through realisation of national and local strategies of tourism development.

Walking Roads in Serbia

Serbia become a part of European Walking Roads Association in 2007., along with Mountaineering Association of Serbia. Till that moment, Mountaineering Association of Serbia, has strived to accurately mark and edit the tracks of European Walking Roads through Serbia, with also two more European Walking Roads E4 and E7 (picture 1a and 1b), through other local mountaineering associations and ecological organisations.

European Walking Road E4-goes througt East part of Serbia. It starts near Kanjiža, then it leads over Carska spa, Deliblatska peščara, Belgrade, Đerdap, through city of Bor to mountain Rtanj, Stara planina, canyon Jerme and from there it goes to Bulgaria.

European Walking Road E7-goes through West part of Serbia. It starts near Palić,than it leads over Bač, Novi Sad, Zasavice, Rajac and Zlatibor to Sopotnica, and than over Kopaonik, Djavolja Varoš and Vlasina to the mountain Dukat and fron there it goes to Bulgaria.



Rouge sketch of European Walking roads through Serbia



Picture 1b

More precise sketch of European
Walking roads through Serbia





Picture 2 Route E4 in Bor's territory

In East Serbia ,E4 comes in near Golubac and goes out on Stara Planina. In Bor territory it comes in over the mountain Deli Jovan, goes over Stol and Veliki Krš, Lake of Bor, Brestovac spa, Lazar's cave and canyon and over the Malinik goes over on Boljevac territory to Rtanj.

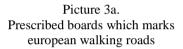
From Lasar's cave, one part separates and goes to the Felix Rommuliana archeological site on Zaječar territory. From there it comes back to Rtanj where it reconnects again with the route which goes over Malinik. There are special paths to Gornjan Plateau, Crni Vrh mountain, Dubašnica Plateau; rgotina hill etc. (picture 2)

Marking the route on the territory of Bor

Marking routes of European Walking Roads is very important because they go through nature- mountains, woods, meadows, they go over mountains routes, through fielda, woods, villages and some roads with no category and rarely they meet main roads. In that point of intersection boards are set up with contents and marks which are prescribed by Special Rules of Serbian Mountaineering Associations (picture 3a and 3b).

In territory of Bor, there are five boards on points of intersections, but it needs at least five more. Between the boards through woods and over the mountains, there are mountaineering tags which are white colour instead of yellow, like marks of european walking road.







Picture 3b.
The look of the board at the foothill of the mountain Stol

Associations Eko Baština, Village and Young Researches of Bor, conceived and started Realization of "Bor's Green Oases" project, for the sake of marking the route E4- European Walking road in Bor territory, and also for the sake of logging accommodation conditions and provision of tourist services near and on the route. The results of this project should be:

- R1: The users of this route of European Walking Road E4(local and foreighn) have comfortable and safety marked ambient for walking, and also have good conditions for resting and staying in nature resorts of Bor
- R2: We have created initial prerequisites for further development of local rural, etno and ecological tourism which is based on resources of European Walking Route E4
- R3: A significant number of rural and other households is ready to provide accommodation and to offer tourism services. Their special training course will be provided by a special project.

Tourist valuation

Trekking or Walking tourism is one of the most common part of tourism. Hiking is the form of walking with specific purpose of research

and enjoyement in natural beauties. Trakking is multi-day hicking along mountains and rural landscapes. Trakking can be combined with others activities- caves exploration, canyons exploration. First and second combination with other parts of eko tourism which includs countryside tourism gives socalled "Green tourism", which is based on preserved nature motives. Since it belongs to sustainable tourism it contribute preserving the nature and environment.

There are a lot of mountains on Bor's territory, and there are also preserved places of nature which surrounds the city and are socalled the grrn ring of Bor- some kind ofcounterbalance to Mine. The MIne is the black spot in ecology. Because of that, special attention is given in creating conditions for developing mountain, village and other parts of green tourism, for which there are good prerequisites.

Association of Bor's Young Explorers did a special survey of rural households in the area of mountain Stol and Veliki Krš, which was basic to develope a safety study of Stol. Survey participants showed great motivation for village tourism, with different activities, like producing healthy food, developing traditional and cultural manifestation.



Picture 4a.

Mountain Stol and its touristic potentials





Picture 4b and 4c. The potentials of village tourism

CONCLUSION

Define exact route of European Walking Road E4, and to list rural households and the other buildings which can be used for accommodation.

Train rural households for giving various service according to principies of eco tourism, green economy.

Expand project of Bor's Green Oasis and complete route E4 on territory of Bor and expend it on the other cities.

Instal routs of European Walking Roads into Spacious plan of Serbia, as well as in regional and lokal spacious plans.

With national strategy of tourism expending as well as with local strategies and plans of expending tourism. It has to cover marking and creating conditions for bigger using of potentials of European Walking Roads.

References

- 1. https://explore-serbia.rs/hiking-trekking/
- 2. http://www.trekking-serbia.com
- 3.****, Elaborat o zaštiti Stola, Društvo mladih istraživača Bor, Bor
- 4. https://pss.rs/wp-content/uploads/2018/01/PRAVILNIK-o-planiranju...-pešačkih-staza.pdf
- 5. https://pss.rs/terenipp/krivelj-soko-banja/
- 6. https://pss.rs/terenipp/vratna-krivelj/
- 7. https://pss.rs/planinarski-objekti-i-tereni/tereni/?tip=evropski-pesacki-putevi-u-srbiji

NOTES ON THE AUTHORS

Dragan RANĐELOVIĆ¹, Milan TRUMIĆ², Maja TRUMIĆ², Vukosav ANTONIJEVIĆ³, Snežana ĐOŠEVSKA⁴

¹Young Researchers Association of Bor; draganandjelovic5@gmail.com

²University of Belgrade, Technical Faculty in Bor, mtrumic@tfbor.bg.ac.rs

³Association Village, The Village Development Movement, villagebor@gmail.com
⁴Eko baština Bor. diosevskabor@gmail.com

Dragan RANDJELOVIC, Bachelor of Science in Political Science, MBA Specialist in Human Resources Management, born 15.10. 1949, longtime head of the human resources department of the Bor Mining and Smelter Company, environmental activist and president of the Citizens' Association of the Bor Youth Exploration Society. A long-time member of the programmatic and organizing committee of the scientific conference "Ecological Truth", now the international scientific conference "Ecoter", organized by the Faculty of Engineering BU from Bor.

Prof. dr Milan TRUMIC, He graduated in 1990. After graduation he gets employment in Non-Metal Copper Mine (RBN). In 1995 he starts working on the Technical faculty in Bor, University of Belgrade. Work on doctor dissertation he successfully presented it on 15th December 1999. In 2014 he was elected in a rank of the full professor. Now he teaches in scientific field of Mineral and recycling technologies. He is the author or co-author of 157 works of which: 10 works in international scientific journals from the SCI list, 15 works in national journals, 132 works presented at international and national scientific conferences. He is the author and co-author of two university textbooks and two scientific monographs.

Doc dr Maja TRUMIC, She graduated in 2006. In 2008 she starts working on the Technical faculty in Bor, University of Belgrade. Work on doctor dissertation she successfully presented it 2015. In 2015 she was elected in a rank of the assistant professor. Now she teaches in scientific field of Mineral and recycling technologies. She is the author or co-author of 90 works of which: 6 works in international scientific journals from the SCI list, 10 works in national journals, 74 works presented at international and national scientific conferences. She is the author of one university textbooks.

Vukosav ANTONIJEVIĆ, dipl.ecc, was born 08.12.1968. He is employed as the Head of Financial Services of the Technical Faculty in Bor. As an NGO activist, he led projects for rural development and rural tourism, environmental protection and the preservation of the traditional cultural heritage of eastern Serbia. He is the president of the "Village" Citizens Association - Rural Development Movement.

Snezana ĐOŠEVSKA, economist, born 15.12.1965. longtime employee of the financial services of educational institutions in Bor. As a project manager of the Young Researchers Society and the "Village" Citizens Association, she has led projects in the fields of environmental protection, environmental education and environmental awareness. She was also a mentor for special projects for the development of eco and rural tourism. She is now a representative of the "Eco Heritage" Citizens Association from Bor, which deals with the preservation of traditional cultural and natural values.