

Book of Abstracts



Editors:

Aleksandar Djordjević, PhD
Danica Šantić, PhD
Marija Jeftić, PhD
Velimir Šećerov, PhD
Zora Živanović, PhD

International Scientific Conference

GREEN AGENDA FOR WESTERN BALKANS

UNIVERSITY OF BELGRADE
FACULTY OF GEOGRAPHY

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INTRODUCTION

International Scientific Conference GREEN AGENDA FOR WESTERN BALKANS (GAWBs) will be joining together, for the first time, scientific and professional audience from Europe and beyond. The transition task ahead of us, researchers and scholars but also technology leaders, companies, institutions, policy makers, other stakeholders, etc., is giant and challenging in the forthcoming decision-making period.

Conference aims to create inspiring and stimulating environment for exchanging ideas, knowledge and experiences, not only within the academia researchers but also among numerous relevant stakeholders. Within three-days event, filled with inspiring keynotes speeches, panel discussions and high-level networking, participants will have a chance to experience the unique collaborative culture in the Republic of Serbia and meet entrepreneurs, investors, corporations, developers and frontrunners within green transition.

Key areas of the Conference and book of abstracts` focus are the themes connected to the European Commission guidelines for implementing the GAWBs. It envisages actions around five pillars, covered also by the European Green Deal: (I) climate action, including decarbonization, energy and mobility (II) circular economy, addressing in particular waste, recycling, sustainable production and efficient use of resources (III) biodiversity, aiming to protect and restore the natural wealth of the region (IV) fighting air, water, and soil pollution and (V) sustainable food systems and rural areas.

Besides above mentioned five key areas, spatial planning is in the spot too, as a one of the key implementation instruments, but also exploring different patterns of Green Transition reflections on a spatial organization. Within the GreenFORCE – Green agenda and spatial planning section (VI), organizers offered a platform that enables exchange and dissemination of scientific knowledge on spatial planning and linked scientific disciplines.

Special attention is given to the young researchers (VII), with papers presenting their outputs and offering new and fresh perspective on Green Transition.

Authors of the abstracts presented here belong to a large variety of different backgrounds and sectors, enabling very valuable and important diversity of the perspectives and approaches on the latest developments in key areas and providing valuable perspectives on the road ahead. This book of abstracts rises numerous questions and important topics, and hopefully shown presentations and discussions following, will lead to a successful implementation of the GAWBs countries. Presented innovative approaches and best practise examples, numerous strategic documents, projects, analyses etc. will lead us to high quality conclusions that can be used for further affirmation, improvement and more efficient implementation of the Green Transition concept in the Western Balkan (WBs). Also, conclusions that will be used for further research and will be presented to the policy makers in order to support them with their further decisions.

We believe that this book of abstracts with more than 60 presented topics and more than 200 authors from Serbia, Romania, Slovenia, Sweden, North Macedonia, Albania, Italy, Bosnia and Herzegovina, Montenegro, Greece, Slovakia, Poland and Hungary will be of interest to the students of all levels (undergraduate, graduate), academics as well as to practitioners in governments (both inside and outside of the WB's), the WB institutions, private sector, research institutes, ext. Additionally, it will contribute to the better understanding of Green Transition in the WBs, boost wider discussion among different stakeholders and present solid ground both for the further research and networking.

Scientific committee, editors and organizers would like to thank all the authors for their contribution to the book of abstracts and the Conference as a whole.

We would also like to express our gratitude to the Chamber of Commerce and Industry of Serbia and the UNDP project "EU for Green Agenda in Serbia" for their support in organizing this Conference.

Editors

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BOOK OF ABSTRACTS

NATIONAL PARKS BIODIVERSITY PRESERVATION AND IMPROVEMENT: THE CASE STUDY OF DJERDAP

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Abstract: As a country in the Danube river basin, with specific low-lying and mountainous terrain, Serbia abounds in quite diverse natural systems. As a part of the Carpathian-Balkan massif, the area of the Djerdap gorge and national park boasts high level of species and ecosystem diversity. When it comes to flora, it is one of the primary centres of plant diversity in Southeast Europe, a home to over thousand taxons, the large number of which are relict, endemic and endangered species. Vegetation comprises over fifty plant communities and/or forest and shrub species. Such diversity of life has earned Đerdap its status of national and international protected area, making it an EMERALD Network member, a Ramsar site, an IBA, IPA and PBA area. Đerdap is featured on the World Cultural and Natural Heritage Tentative List (UNESCO) and the list of Carpathian areas (Framework Convention on the Protection and Sustainable Development of the Carpathians, BioREGIO Carpathians Project, etc.), and designated to become a biosphere reserve (MaB). The greatest limitations and threats to this area come from land repurposing, infrastructural development, forest destruction, ecosystems degradation and similar. A major element in preventing the negative consequences and causes of the shrinking biodiversity is advancing the management system of a protected area. It implies efficient maintenance and preservation of natural values, research and monitoring, conservation, rehabilitation of damages, landscape regulation, etc. The paper presents the concept of spatial planning in such areas, with special attention to the preservation and implementation of relevant planning solutions, laws, strategies and international documents.

Keywords: natural values, preservation, improvement, protection regimes, spatial planning, strategic documents

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