



BOOK OF ABSTRACTS

SERBIAN-CHINESE FORESTRY FORUM

FORESTS FOR THE FUTURE: CHALLENGES, OPPORTUNITIES AND INTEGRATED APPROACHES



BELGRADE, 2025



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PREFACE

The University of Belgrade – Faculty of Forestry, in cooperation with the College of Forestry and Biotechnology of Zhejiang A&F University, organised the scientific conference Serbian–Chinese Forestry Forum “Forests of the Future – Challenges, Opportunities and Integrated Approaches.” Thanks to the initiative of colleagues from our partner institution, the national conference gained an important international dimension.

Collaboration between our faculties has so far taken place primarily through the mobility of master’s students from China, who attend one semester of the master’s programme Forestry and Natural Resources Management, in English, at the University of Belgrade – Faculty of Forestry. The visit of the delegation from Zhejiang raised new questions and opportunities for reciprocal student exchange, as well as for joint participation in international projects.

Numerous issues related to sustainable forest ecosystem management, biodiversity conservation, and the restoration of degraded habitats under climate change represent shared challenges for forestry scientists worldwide. Modern forestry connects tradition with new knowledge and technologies – from sustainable forest management and the protection of soil and water resources to the development of renewable materials and the creation of green spaces that enhance quality of life.

The Forum provided a platform for the exchange of knowledge and ideas among students, teachers, researchers, and professionals from various forestry-related sectors. Its goal was to strengthen academic cooperation, stimulate innovation, and promote the development of green, sustainable technologies, with special emphasis on students and young researchers.

With more than 220 participants and 71 submitted abstracts presenting research results and project activities, the content of the Forum was organised into five thematic sections:

1. The State and Challenges of Forestry in Serbia and China
2. New and Green Technologies and Knowledge in Forestry, Wood Technology, Landscape Architecture and Horticulture, and Ecological Engineering in the Protection of Soil and Water Resources
3. Responses and Adaptation of Trees and Forests to Environmental Stress
4. Forests and Human Well-Being (Interdisciplinary Perspectives on Ecological, Economic, and Social Dimensions)
5. The Role of Young Researchers and Innovation in the Future of Forestry (Student Projects, Start-up Ideas, and International Cooperation)

The Organising Committee will publish the full papers, after peer review, in a special issue of the Bulletin of the Faculty of Forestry. The Book of Abstracts will be available online, along with other activities carried out during the Forum. The programme was enriched by an excursion to the Bojčinska Forest, where participants were introduced to the management system of floodplain pedunculate oak forests (*Quercus robur* L.) and established agroforestry systems.

Finally, we wish to express our sincere gratitude to the College of Forestry and Biotechnology of Zhejiang A&F University for their support and cooperation in organising the Forum, as well as to everyone who contributed to preparing and publishing the Book of Abstracts.

Chair of the Organising Committee
Prof. Snežana Belanović Simić, D.Sc.

TOPIC 4

***Forests and Human Well-Being
(Interdisciplinary Perspectives on Ecological,
Economic, and Social Dimensions)***

INTRAPRENEURSHIP IN PUBLIC FOREST ENTERPRISES AS LEVERAGE FOR EMPLOYEE INNOVATIVENESS

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ABSTRACT

Intrapreneurship as a business concept originates from forestry and is based on utilitarian theory with a principle of conservation ethics. This concept implies the ability of Public Forest Enterprises to produce from the forest whatever it can yield for the service of man. In practice, it means that every employee possesses a certain level of creativity, which should be encouraged so the company can benefit from new products, new services, organizational procedures, and other innovations. A simple definition of intrapreneurship is entrepreneurship within existing companies. A comprehensive definition describes it as a process that occurs within an existing company, regardless of its size, and influences not only the creation of new business activities but also the improvement of existing products and services, technologies, organizational processes, administrative procedures, business strategies, and the competitive position of companies within their economic sector. The main idea behind the conceptualization of intrapreneurship is that employees do not need to leave the enterprise to become entrepreneurs. Such employees are characterized by a risk minimization strategy, decision-making based on analysis, motivation beyond financial gain, and the integrity to propose new ideas. Such an employee is dedicated to their job, uses available resources to increase productivity, is motivated by success, and remains loyal to long-term business goals. In this research, we understood employee innovativeness as the willingness, propensity, and ability of an employee to recognize new ideas for innovation in products, services, processes, or new organizational methods in business practices, the application of which can improve the company's performance. There are at least eight intrapreneurial factors influencing employee innovativeness: i) professional training, ii) business environment, iii) flow of information, iv) entrepreneurial attitudes and motives, v) managerial support, vi) work autonomy, vii) rewards system, and viii) working time availability. In this study, we used a survey questionnaire as the instrument to measure the influence of intrapreneurial factors on employee innovativeness. Results reveal that three factors are most influential to employee innovativeness: managerial support, work autonomy, and rewards system. In today's complex environmental, societal, and economic context, Public Forest Enterprises need to demonstrate the ability to innovate in a variety of products and services while fulfilling their main role of managing forests in a sustainable manner. The intrapreneurial concept, over a long period, offers the possibility for a positive influence on employee innovativeness.

Keywords: corporate entrepreneurship, state-owned enterprises, serbia, novelties

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