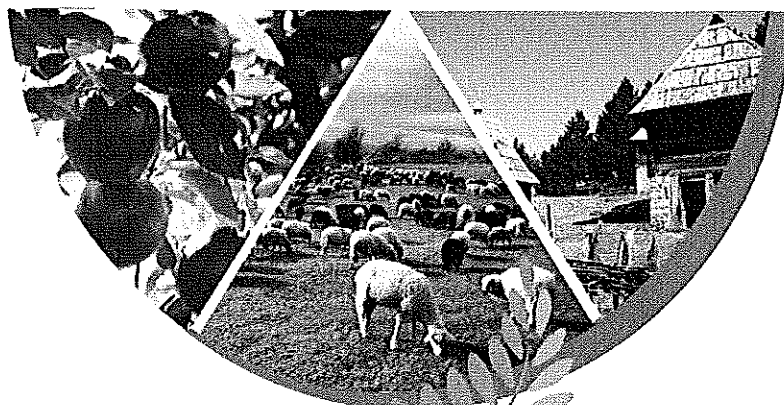
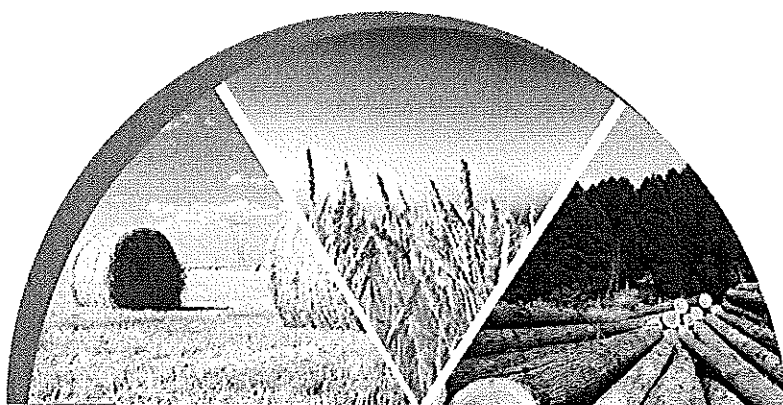


BOOK OF ABSTRACTS



*VII International Scientific Agriculture Symposium
Jahorina, October 06-09, 2016*



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FOREWORD

Addressing the intertwined challenge of meeting rising food demand and conserving ecosystems in a changing climate will not be easy. Agriculture is thus at a crossroads; it has to find ways to feed the world while being environmentally, socially and economically sustainable. Conventional intensive and industrial agriculture (including crop production and animal husbandry) allowed increasing food production but at a high environmental cost. In this context, sustainable agriculture and forestry practices aim to reduce environmental harm while conserving natural capital and preserving biodiversity. Organic agriculture promotes a holistic approach to plant and animal production. Sustainable agriculture is also crucial for fostering vibrant rural economies.

The International Scientific Agriculture Symposium AGROSYM has become an annual platform for international scientific discussion on agriculture, forestry, food, rural development and environment. AGROSYM represents, indeed, a good opportunity to exchange ideas, to develop academic and professional networks, and to foster dialogue between the academia, public institutions, the private sector and civil society organizations on the recent global and regional trends affecting the agro-food sector.

AGROSYM themes cover all branches of agriculture and are divided into seven sessions: 1) Plant production, 2) Plant protection and food safety, 3) Organic agriculture, 4) Environmental protection and natural resources management, 5) Animal husbandry, 6) Rural development and agro-economy, and 7) Forestry and agroforestry.

In your hands is the Book of Abstracts of AGROSYM 2016, which I hope you will find useful in your work and endeavors. This year's edition of Agrosym received 1103 contributions from 77 countries. The present Book includes abstracts of all accepted contributions; around 240 contributions have been accepted for oral and all other for poster presentations. Positively reviewed full papers of the submitted contributions will be included in the Proceedings of the symposium and published on the official website (<http://www.agrosym.rs.ba/index.php/en/>). A selection of papers will be published in International Journal "AgroFor" and International journal "Agriculture and Forestry".

I hope that the multidisciplinary contributions reported in this Book of Abstracts will contribute to the dissemination of knowledge and good practices to all actors of the agro-food chain (*e.g.* farmers, extension agents, researchers, policy makers) as well as the general public in Bosnia and Herzegovina, Balkans, Europe and worldwide. I hope also that AGROSYM 2016 will enable better collaboration of scientists, researchers and professionals from Balkan countries and abroad to address jointly pressing challenges.

AGROSYM 2016 has been made possible through the commitment and contributions of a wide range of partners and sponsors. Many thanks to authors, reviewers and all colleagues for their valuable help and unconditional devotion. Special thanks go also to all co-organizers, partners and sponsors for their kind collaboration and support.

East Sarajevo, 3 October 2016
Dušan Kovačević, PhD, Faculty of Agriculture, University of Belgrade
President of the Scientific Committee, AGROSYM 2016



**GASTRONOMY, A CULTURAL HERITAGE FOR OUR PRESENT AND FUTURE
TIME. AN IMPORTANT PROTECTION FOR OUR TERRITORY, OUR
AGRICULTURE AND OUR WELFARE**

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Abstract

The environment, beautiful landscapes, good air, and agriculture with local products are the most important assets we have in our countries. They have great economic potential, but are not well exploited in some regions. In recent years, the agro-food sector has been the focus of interest in terms of the development of these places, and we could start to develop our territory from this cultural heritage. Smaller farms that cannot compete on price, must rely on the quality of their products with local, traditional and cultural characteristics (product placement techniques and production techniques), as a differentiating factor for positioning in market niches that would reward their typicality and originality. Today, the rediscovery of food is comparable to a journey, a way of living. It is a reference point for a deep culture of high level and preserves the most important values for people. Agricultural products, recipes and methods of preparation have been passed down for centuries, rediscovered and represented with great joy by those who are aware that good food should not be used solely to satisfy the palate and stomach. The products of our land are very important in building our ethnic identity, both individual and collective. For these reasons, they have an ethical, social, religious, and existential symbolism that goes beyond the economic sphere. And then we can write: gastronomy is culture. Today, it is a desired and loved culture that moves the economy. Gastronomy is rich in history, tradition, customs and "know-how" that occurred across generations: how small producers live and grow, how they work, it is about the mastery of men and women, respect for the land and for the territory. It is intimately linked with our world.

Keywords: *Agriculture, gastronomy, culture, territory*