



UNIVERSITY OF DONJA GORICA UDG
FACULTY OF FOOD TECHNOLOGY, FOOD SAFETY AND ECOLOGY



**REPORT
on the**

**3RD CLIMATE CHANGE, ECONOMIC DEVELOPMENT,
ENVIRONMENT AND PEOPLE CONFERENCE**

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The Conference was co-organized by:

Faculty for Food Technology, Food Safety and Ecology, University Donja Gorica and
Alliance of Central-Eastern European Universities

Podgorica, Montenegro

5-7. December 2013



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Third International Conference on Climate change, economic development and people (CCEDEP) was held on Friday, 12/06/2013 at the University Donja Gorica, UDG. CCEDEP was organized by the Faculty of Food Technology, Food Safety and Ecology, UDG and Alliance and the University of Central and Eastern Europe and brought together researchers from Serbia, Bulgaria, Macedonia and Montenegro.

On behalf of the conference host institution, welcome speech was given by PhD Vesna Maras, Dean of the Faculty of Food Technology, Food Safety, and Ecology. She highlighted the importance of involving all segments of society: research institutions, civil society and the economy and policy makers, to make integrated, joint solutions in order to achieve sustainable and balanced development.



She also stressed the importance of considering climate change issues in the South East European context, especially in Montenegro, which as the part of the Mediterranean, is considered one of the area's most sensitive to climate change effects.

"Climate change and other environmental problems do not apply only to changes in ecological processes, but they have a socio-economic development, domestic and foreign policy agenda," said Maras.



After welcoming words by the Dean, Professor Petar Ivanovic, Minister of Agriculture and Rural Development, opened the conference. Minister Ivanovic in his speech addressed the importance of research and education with practical application to agriculture and the negative impacts of climate change on agriculture.

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“Climate change is most affecting agriculture and water management in particular. To produce one ton of grain, the average usage should be between 500 to a thousand tons of water. Approximately 87 percent of water consumption relates to irrigation systems.” He further said that although one-fifth of the world's agricultural land is irrigated, that surface provides two-thirds of the total yield, highlighting the importance of efficient water use, as one of the major challenges for next generations.



After Minister Ivanovic, Mr. Rastislav Vrbenski, UN Resident Coordinator in Montenegro, gave his opinion that sustainable development and green economy in Montenegro are not a matter of choice, but of necessity. In that context, he used the opportunity to present the new Centre for Sustainable Development, which will open in January next year.



He also stressed the importance of protected areas system in Montenegro, which has been estimated to contribute to the country's economy with 68 million euros per year, and in relation to that the need for establishing the systems for ecosystem payments.

After Mr. Vrbenski, the audience was addressed by General Director of the Directorate for Environment and Climate Change, of the Ministry for Sustainable Development and Tourism, MSc Ivana Vojnovic. Mrs. Vojnovic said that Montenegro belongs to the group of developing countries that should manage economic systems to adapt to what climate changes bring.

"Montenegro slightly affects the global climate, but is among the countries that are most vulnerable to the impact," said Mrs. Vojnovic.

According to her, Montenegro has yet to develop the legislative framework in the field of climate change. She also mentioned the importance of the protected area system, which was also emphasized on the "Big Win" conference where high-ranking officials from the countries in



the region adopted a declaration regarding the merged of the protected areas throughout Dinaric Arc.



Keynote speaker, Mr. Ewald Spitaler, environmental engineer and consultant of the European Delegation to Montenegro in the field of waste management had an introductory lecture on the management and sustainable waste management in the context of climate

change, with the specific emphasis on Montenegrin situation.

After Mr. Spitaler's lecture, there were the two panels - "Economy and people" and "Natural resources" where the authors of the papers selected for the conference presented the results of their work and raised some important discussion questions and issues.

In the first panel moderator was docent Jadranka Kaludjerovic, and panelists were Mr. Igor Kilibarda, Mr. Aleksa Nenezic, Mr. Vladan Bozovic PhD, Mrs. Milica Dakovic MSc and Mrs. Jovana Drobnjak.



In the second panel panel moderator was Mr. Darko Konjevic MSc. and panelists were Mrs. Marija Orlandic MSc, Mrs. Aleksandra Martinovic docent, Mrs. Marija Vugdelic docent.

The conference was attended by a large number of representatives of different institutions and organizations, who have had the opportunity not only to hear the results of research projects, but also to exchange opinions and ideas with colleagues from other sectors.



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The Agenda of the 3rd CCEDEP Conference

6th of December 2013.

Gallery of University Donja Gorica

09:00-09:10h Welcome address - **Vesna Maras**, PhD, Dean of Faculty for Food Technology, Food Safety and Ecology

09:10-09:25h prof. **Petar Ivanovic**, PhD, Minister of Agriculture and Rural Development

09:25-09:35h **Rastislav Vrbenski**, UNDP Resident Representative to Montenegro

09:35-09:45h **Ivana Vojinovic**, MSc, General Director of the Directorate for Environment and Climate Change, Ministry of Sustainable Development and Tourism

09:45-10:15h **Ewald Spitaler**, Environmental Engineer - The impact of waste management on climate change (and vice-versa) globally and locally

10:15-10:30h Coffee break

10:30-11:45h **I panel: Economy and people**

Moderator: docent Jadranka Kaludjerovic, PhD

- Climate change and its effect on Montenegrin Economy - Igor Kilibarda, Aleksa Nenezic
- Green economy in Europe – present state - Vladan Bozovic, PhD
- Economic valuation of protected areas in Montenegro - Jovana Drobnjak
- Sustainable development towards PES scheme implementation –Milica Dakovic, MSc

11:50-12:45h **II panel: Natural resources**

Moderator: Darko Konjevic, MSc

- Significance of agriculture for Montenegrin economy - Gorica Bojic, MSc
- The effect of climate change on the agriculture of Montenegro –Marija Orlandic, MSc
- Safe food production system – a Montenegrin perspective – docent Aleksandra Martinovic, PhD
- The past and the future of protected areas – docent Marija Vugdelic, PhD

12:45-13:00h Concluding remarks – docent Marija Vugdelic, PhD

13:00 Cocktail

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