



XI Congress of Croatian Society of Soil Science
Perspectives of Soil Management In the Future
July 5 – 8, 2010 | National Park Plitvice Lakes, Croatia

Under the auspices of:

Ministry of Agriculture, Fisheries and Rural Development
Ministry of Regional Development, Forestry and Water Management
Ministry of Environmental Protection, Physical Planning and Construction
Ministry of Science, Education and Sports

In cooperation with

International Union of Soil Science
European Confederation of Soil Science Societies

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Editorial Note

Following the tradition of the Croatian Society of Soil Science, after four years the XI. Congress was held in National park Plitvice lakes, July 5 - 8, 2010



Figure 1. Plitvice lakes



Figure 2. Krbava field

Respecting the fact that soil is the essential natural resource for food production, soil management has always been an exceptionally important issue. However, due to the trend of rapidly growing world population and consequently increased food requirements in the recent decades in one hand, and almost daily reduction of agricultural land in other, sustainable soil management has become vital issue for assurance of mankind survival.

The Congress was organized in conjunction with the International Union of Soil Science and European Confederation of Soil Science Societies as a Croatian congress with international participation, which was evidenced by contributions of participants from 14 European countries: Austria, Bosnia and Herzegovina, Czech Republic, Germany, Italy, Latvia, Lithuania, Hungary, Poland, Romania, Russia, Slovakia, Slovenia and Croatia.

The Congress was prepared and organized by teams of organizers working in Congress committees of multidisciplinary structure, both with regard to professions and specialties and institutions and companies from which they were elected. The Congress was headed by Prof. Stjepan Husnjak, PhD, Congress president and president of the Croatian Society of Soil Science, Prof. Nikola Pernar, PhD, chairman of the Scientific Committee, and Prof. Milan Poljak, PhD, chairman of the Organizing Committee. The Honorary Congress Committee was made up of the leading Croatian and international soil scientists.

After the four plenary lectures, given by the President of Croatian Society of Soil Science Stjepan Husnjak (Recommendations for soil management in Croatia), President of the European Confederation of Soil Science Societies Nicola Senesi (Interactions of soil organic matter/humic substances with pesticide residues and metal ions in soil), Wilfried E.H. Blum (Food against biofuels: What are the future perspectives?) and Karl-Heinz Feger (Functioning of Forest Soils in the Water Cycle), congress work proceeded in the following sections:

- Soil biology
- Fertilization of soil
- Land management
- Laboratory methods
- Soil tillage
- Pedogenetic processes and soil properties
- Soil and plant
- Soil, water and climatic changes
- Soil and water protection

The program included 53 oral and 48 poster presentations. During the Congress one-day field excursion in Krbava field, with a several hours visit to the National park Plitvice lakes with professional guide, was also organized.



Figure 3. Participants on field excursion

The gala dinner involved presentation of prizes for the best posters, and awards of the Croatian Society of Soil Science: “Prof. Mihovil Gracanin” to the best research assistants, and deserving scientists for their contribution to the development of soil science in Croatia.

The Congress reflected the good traditions of the Croatian Society of Soil Science and point out importance of organizing it.

Stjepan HUSNJAK
Congress Chairman