

First Announcement and Call for Papers

FIRST INTERNATIONAL CONFERENCE OF THE „WORLD SOIL EROSION AND CONSERVATION“ - WOSEC 1 -

Initiated by:

- **World Association of Soil and Water Conservation – WASWC**



- **Faculty of Forestry, Belgrade University, Serbia**



GLOBAL CHANGE – CHALLENGES FOR SOIL MANAGEMENT

**- FROM DEGRADATION - THROUGH SOIL AND WATER
CONSERVATION - TO SUSTAINABLE SOIL
MANAGEMENT -**

**May 27-30, 2009
Tara Mountain/Serbia**

Organised jointly with:

- World Association for Sedimentation and Erosion Research (WASER)



- European Society for Soil Conservation (ESSC)



Convened in line with the objectives of:

- International Sediment Initiative (ISI – UNESCO)



Sponsored by:



Public Water Management Company "SRBIJAVODE"

Ministry of Science and Technological Development of the Republic of Serbia

Ministry of Agriculture, Forestry and Water Management of the Republic of Serbia, Directorate of Waters

Water Management Institute "JAROSLAV ČERNI"

BACKGROUND

Soil, like air and water, is essential to support life on earth. Over 90% of all human food and livestock feed are produced from the land and from soils which vary in quality and extent. Of the earth's 13,000 million hectares of ice free-land surface, only 3% is covered with highly productive soils, just 6% with moderate productive, and 13 % with slightly productive soils. The remaining 78% of the land has limitations that inhibit the sustainable cultivation of its soils and sometimes even for grazing. However, it is in such marginal lands that most land and soil degradation occurs (Hurni et al., 1996). It is from this context that we launch this First International Conference of the World Soil Erosion and Conservation (WSEC 1) with the hope that, together with the World Association of Soil and Water Conservation will discover new and better ways of counteracting the effects of land degradation and building more secure and self-sustainable patterns of agricultural land husbandry.

CONFERENCE TOPICS

Topic 1: Global Change and Soil Degradation

- *Global environmental changes*
- *Impact on society and economy*

Topic 2: Water Management

- *Floods and their control*
- *Watershed management*



Topic 3: Soil Erosion, Sediment Transport and Sedimentation Processes

- *Water and wind erosion*
- *Landslides, debris flows and rockfalls*
- *Sediment transport and sedimentation processes*
- *Impact of soil erosion and sediment transport on water quality*
- *Modelling of erosion and sedimentation processes*

Topic 4: Erosion and Torrent Control in Environmental Change

- *Risk management of natural hazards*



- *Erosion control*
- *Torrent control*
- *Wind erosion control*
- *Effects of erosion and torrent control works*
- *Eco-engineering and land restoration*
- *Vegetation, biodiversity and slope stability*
- *Rehabilitation of degraded soils*
- *Technologies, approaches and productivity*

- *Better Land Husbandry, progress and strategies*

Topic 5: Desertification

- *Desertification processes in the world*

- *Desertification control*

Topic 6: Socio-economic, Legal and Institutional Aspects of Soil and Water Conservation

- *Socio-economic aspects of erosion processes*
- *Long-term economic effects of erosion and torrent control*
- *Project management in erosion and torrent control*
- *Legal and institutional framework in ETC*
- *Strategy of soil protection*

Topic 7: Implementing Global/Regional Projects

- *WOCAT*
- *NCCR*
- *RIMADIMA*
- *Others*

Topic 8: Work of Younger Scholars

- *Work of younger scholars in implementing projects and programmes*
- *Ph.D. thesis reports*
- *Master's thesis reports*
- *Work of "Student's Forum of WASWC"*



INTERNATIONAL SCIENTIFIC COMMITTEE

- Rattan Lal, Ohio State University, USA
 - Desmond E. Walling, president of WASER, University of Exeter, UK
 - Martin J. Haigh, Special Representative of WASWC, Oxford Brookes University, UK
 - Hans Hurni, CDE, University of Berne, Switzerland
 - Michael Stocking, University of East Anglia, UK
 - Jose Rubio, President of ESSC and Councilor of WASWC, Valencia, Spain
 - Johannes Huebl, BOKU, Vienna, Austria
 - Winfried Blum, BOKU, Vienna, Austria
 - Galina Motuzova, Moscow University, Russia
 - Miodrag Zlatic, President of WASWC, Belgrade University, Serbia
 - Ian Hannam, Councilor of WASWC, Univ. of New England, Armidale, Australia
 - Michael Fullen, Councilor of WASWC, Univ. of Wolverhampton, UK
 - Machito Mihara, Deputy President of WASWC, Tokyo University, Japan
 - Samran Sombatpanit, Past President and Councilor of WASWC, Thailand
 - Ted Napier, Ohio State University, USA
 - Josef Krecek, Czech Technical University, Prague, Czech Republic
 - Stanimir Kostadinov, Head of Dept. for Ecological Engineering, University of Belgrade, Serbia
 - Nada Dragovic, Assistant Minister, Ministry of Science and Technological Development of the Republic of Serbia, Serbia
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- Stevan Bruk, emeritus prof. of Belgrade University, Serbia
 - Godert van Lynden, ISRIC, Wageningen, Netherlands
 - Ivan Blinkov, University Kiril and Metodi, Skopje, Macedonia
 - Ivan Marinov, Forestry Institute of BAS, Bulgaria
 - Sevilay Hacıyakupoglu, Istanbul Technical University, Istanbul, Turkey
 - Ferhat Gokbulak, Istanbul University, Turkey
 - Ratko Kadovic, Dean, Faculty of Forestry, Belgrade University, Serbia
 - Anil Mishra, UNESCO-IHP

- Slobodan Petkovic, Prof. of Dept. of Ecological Engineering, Belgrade University, Serbia



VENUE – Tara Mountain, Serbia

NATIONAL PARK TARA

The Tara National Park, in the territory of Bajina Basta on Mount Tara, Western Serbia, is 180 km from Belgrade. This is an area of great scenic beauty and scientific significance for Nature Conservation. Indeed, the Tara National Park has been nominated by the Serbia and Montenegro Commission for UNESCO as a MOB Biosphere Reserve, possibly, through transboundary cooperation,

managed jointly with Bosnia and Herzegovina. The Park is a mountain environment with a variety of mixed mountain and highland ecological systems. Its average altitude is 1,000-1,200 m and its range extends from the highest point at Kozji ridge at 1,591 m down to just 300 m. The Park contains two distinct regions: High Tara (11,562 ha) and Flat Tara (7,613 ha).

The Tara National Park was established in 1981 and is managed as a public service under the 1993 Law on National Parks by Public Enterprise "National Park Tara", with a staff number of 270.



FLORA AND VEGETATION OF MOUNT TARA



Mount Tara is extensively forested, its forests rank among the best preserved, the highest quality and the most productive wood land ecosystems in Europe. In total, 1,013 plant species have been discovered on Mount Tara, almost 1/3 of the entire Serbian flora. Key species include *Picea omorika*, a living fossil of the European dendroflora,

In total, Mount Tara supports more than 35 different woodland communities, including deciduous forests, mixed (deciduous-coniferous) forests and coniferous forests as well as 19 meadow communities. Many, especially those with *Picea omorika*, yew, black European ash, barberries, walnut, eastern hornbeam, Balkan maple, Montpellier maple and Sumac have relict or endemorelict species.

FAUNA OF TARA

Mount Tara also supports great faunal biodiversity. Its records include: 115 species of butterflies; 27 species of fish; 12 species of amphibians; 12 species of reptiles; about 170 species of birds and 51 species of mammals, including the rare *Pyrgomorphella serbica* an endemorelict from the Pliocene.

Conference languages:

English will be the working language.

Important deadlines

- **Abstract and registration submission: 1st December 2008**
- **Abstract acceptance: 20th December 2008**
- **Full paper submission: 20th February 2009**



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GLOBAL CHANGE – CHALLENGES FOR SOIL MANAGEMENT

Initiated by: World Association of Soil and Water Conservation & Faculty of Forestry, Belgrade
University/Serbia

Name.....

Organisation.....

Address.....

Phone.....

Fax.....

E-mail.....

I am interested in:

- Attending the Conference (Please send me next circular)
- Presenting a paper entitled:.....
.....
- Presenting a poster entitled:

Contacts to Conference Organizers:

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