Programme

Integrated Management of Environmental Resources Conference
Suceava, November 4-6th 2011, ROMANIA

For additional information, please visit:
http://www.silvic.usv.ro/conference2011
Programme
Integrated Management of Environmental Resources – Suceava, November 4-6th 2011

November, 4th - Friday
5.00 pm to 7.00 pm - Early registration at the secretariat desk

November, 5th - Saturday
8.30 am - Registration and welcome (E011 hall)
9.30 am - Plenary session (E building Auditorium)
   Oral presentation
11.00 am - Coffee break (E011 hall)
11.15 am - Scientific sessions - Oral presentation (Auditorium / E132 / E230 halls)
1.30 pm - Lunch (E building Semi-basement )
2.30 pm - Scientific sessions - Oral presentation (Auditorium / E132 / E230 halls)
4.30 pm - Coffee break (E011 hall)
4.30 pm - Posters presentation (E011 hall)
5.00 -5.30 pm - Plenary session - final discussions (E building Auditorium)
6.00 pm - Official dinner

November, 6th - Sunday
9.00 am – Optional field trip in Bucovina region (departure from University)
1. Effects of alterations of Romania’s forestry stock area and structure on diurnal Lepidoptera - a GIS approach
Cristina CRAIOVEANU, Andrei CRIŞAN, László RÁKOSY
Department of Taxonomy and Ecology, Babes-Bolyai University, Cluj-Napoca, Romania

2. Managing National Parks in the Czech Republic: Economic Analysis
Petra HLAVÁČKOVÁ
Mendel University in Brno, Faculty of Forestry and Wood Technology, Czech Republic

3. Integrating environmental assessments in sustainable forest management
Bogdan STRÂMBU
Louisiana Tech University, School of Forestry, USA
Assessing the leaf gas exchange on *Platanus hybrida* seedlings  
Ionel BAN  
Bucharest Public Services Administration, Romania

The influence of rooting stimulants and soil on the rhizogenesis process of the *Buddleia davidii* and *Campis radicans* stools  
Ionel BAN  
Bucharest Public Services Administration, Romania

Ecological Reconstruction of the Forest Stands from the Southern Zone of the Republic of Moldova  
Alexei PALANCEAN, Victoria COVALI  
Free International University of Moldova, Chișinău, Republic of Moldova

Efficacy of some bio-insecticides and vegetal metabolites against fall webworm *Hyphantria cunea* Drury (F. Arctiidae - Lepidoptera) in the lab conditions  
BRUDEA Valentin, RÎȘCA Ioan-Marian, ENEA Cătălin, TOMESCU Cezar-Valentin  
“Stefan cel Mare” University of Suceava, Faculty of Forestry, Romania

Testing the ability of *Ips typographus* females to resume attacks in lab conditions  
Gabriela ISAIA¹, Mihai-Leonard DUDUMAN², Daniel UNGUREANU³, Marius PARASCHIV⁴  
¹ “Transilvania” University of Brasov, Faculty of Silviculture and Forest Engineering, Romania  
² “Stefan cel Mare” University of Suceava, Faculty of Forestry, Romania  
³ Forest Research and Management Institute Brasov, Romania
Monitoring seasonal flight activity of *Ips duplicatus* (Coleoptera, Curculionidae) using traps baited with two different synthetic pheromones

Mihai-Leonard DUDUMAN 1; Iuliana VASIAN 2; Cristian ROTARIU 3
1 - Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
2 - “Babeş-Bolyai” University of Cluj Napoca, “Raluca Rîpan” Chemistry Institute, Romania
3 - National Forest Administration, Forest Direction Suceava, Romania

Contributions Regarding Woods Fungi Attack In Some Forests From Suceava Department

Margareta GRUDNICKI
“Ştefan cel Mare” University of Suceava, Faculty of Forestry, Romania

Pheromones of Romanian Production Used in the Forest Protection

Ioan OPREAN
'Babes-Bolyai' University, 'Raluca-Ripan' Institutes for Research in Chemistry, Cluj-Napoca, Romania

The Influence of the Ecological Conditions upon the Red Deer Trophy Size in Suceava District

Nicolae GOICEA, Nadia DĂNILĂ
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Aspects Regarding the Flora Diversity in the Stands situated on the Eastern Slope of Stanisoara Mountains

Gabriel DĂNILĂ
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

The Illegal Dumping of Waste in Forest Areas - Evidence from Rural Territory

Andreea LĂMĂŞANU, Florin - Constantin MIHAI
“Alexandru Ioan Cuza” University of Iasi, Romania

Comparative Analysis of Ant Communities (Hymenoptera: Formicidae) in Transylvanian Deciduous Forests: Structure and Mechanisms

Ioan TĂUŞAN 1,2, Bálint MARKÓ 1, Oana-Teodora BOTA 3, Aurelia-Andreia ŞTEFU 3, Adriana-Valentina CRAVĂ 4
1 “Babeş-Bolyai” University, Department of Ecology and Taxonomy, Cluj-Napoca, Romania
2 Brukenthal National Museum, Natural History Museum, Sibiu, Romania,
3 “Lucian Blaga” University, Faculty of Science, Sibiu, Romania

Actual knowledge stage regarding the ecological and economical assessment of forest sites

Alexei SAVIN
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

The Cormophyta Red List of Suceava Hydrographic Basin

Cezar Valentin TOMESCU
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
Environmental Economics and Forest Policy

Environmental Engineering and Sustainable Forest Management in the Czech Republic
Václav Kupčák
Czech University of Life Sciences - Faculty of Forestry and Wood Sciences, Prague, Czech Republic

Forest Associations of the National Park Mavrovo in the Republic of Macedonia
Jane ACEVSKI, Bojan SIMOVSKI
University Ss.Cyril and Methodius in Skopje, Faculty of Forestry, Republic of Macedonia

The Liberalisation Index of Property Rights in Central and East European Private Forestry
Liviu NICHIFOREL, Laura BOURIAUD
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Some opinions about the Romanian Forest Code (Law no. 46/2008, modified)
Viorel-Gheorghe MARINESCU
Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania

The analysis of life quality indicators in the area of natural resources and environment protection in chosen micro-regions of the Czech Republic
Jansky JAROSLAV
College of Polytechnics Jihlava, Czech Republic
The Risk of Fire and it’s Management in the Forests of Suceava County
Ion BURLUI
Emergency Services Inspectorate Suceava, Romania

Wood Chips for Energy: Present and Prospects of Market in the Czech Republic
Dalibor SAFARIK
Mendel University in Brno, Czech Republic

Renewable Energy and Energy Efficiency in Romania
Sanda Cristina VULPE, Marioara ABRUDEANU, Dumitru OHAI
1 - University Pitesti, Romania
2 - Institute for Nuclear Research Pitești, Mioveni, Romania

Study of the Basic Extruders Parameters for the Production of Densified Forest Biomass
Konstantin MARINOV
Sofia University of Forestry, Bulgaria

Influence of the Anthropogenic Factor on the Forests with Recreational Functions of the Calarasi Forestry Unit under the Calarasi Forestry Enterprise
Alexandru ROTARU
Botanical Garden (Institute) of the Moldova Academy of Science, Chisinau, Republic of Moldova

Synthesizing the Outcomes of Reintroducing Cedar Nut by Plantations in Pietrosul Rodnei
Stefan Vasile BERES
Baia Mare National Forest Administration Branch, Romania

Use of Building Rubble and Organic Matter Mixture as an Innovative Substrate to Improve Water Regime in Degraded Soils within Processes of Land Reclamation and Reforestation
Michal HENEK, Miroslav KRAVKA, Svatava HENKOVÁ, Radek DYMÁK
1 - Mendel University of Brno, Faculty of Forestry and Wood Technology, Czech Republic
2 - Brno University of Technology, Faculty of Civil Engineering, Czech Republic

Perception of Relevant Stakeholders on the Potential of the Implementation of the "Due Diligence" System in Combating Illegal Logging in Romania
Raluca NICHIFOREL
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Illegal Logging and Corruption in Natural Resource Extraction and the State Failure
Laura BOURIAUD
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
Forest tenure, good governance and electoral cycles in Romania - a too long and confusing story
Bogdan POPA¹, Marian DRAGOI²
1 - Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania
2 - Ștefan cel Mare University of Suceava, Faculty of Forestry, Romania

Approaches and Lessons from the Himalaya on Integrated Natural Resource Management
Prakash GURUNG, Dhan Bahadur SHRESTHA, Ras Bahadur GURUNG, Nepal
Nepal Rural Development Society Center (NERUDESC), Nepal

Environmental Guidance & Counselling: Tools for Economic Development
Arikewuyo Wasiu KOLAPO¹, Alagbe SAMSON², Makinde ADENIYI¹
1 Osun State College of Education/National Orientation Agency, Nigeria
2 National Orientation Agency, Nigeria

The Influence of Economic Factors on the Composition of Regenerating Trees
Mirela MUTU
Ștefan cel Mare University of Suceava, Faculty of Forestry, Romania

Main priorities of environment protection in Romania
Dan ZAROJANU
Ștefan cel Mare University of Suceava, Faculty of Forestry, Romania
Comparing automatic and supervised classification methods for land form analysis with remote sensing applications in mountainous areas of Southern Brazil

Jorgeane SCHAEFER-SANTOS 1,3, Juan Ygnacio LÓPEZ HERNÁNDEZ 2, Christel LINGNAU 3, Werner KONOLD 1, Barbara KOCH 2
1 - University of Freiburg, Institut für Landespflege, Germany.
2 - University of Freiburg, Department of Land Informations Systems (FeLis), Germany
3 - Federal University of Curitiba, Department of Forest Management, PR. Brazil

Fast detection of forest class from OBIA data

Juan Ygnacio LÓPEZ HERNÁNDEZ 1,4, Jorgeane SCHAEFER-SANTOS 3, Christel LINGNAU 3, Barbara KOCH 1, Werner KONOLD 2
1 - University of Freiburg, Department of Land Informations Systems (FeLis), Germany
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3 - Federal University of Curitiba, Department of Forest Management, PR. Brazil
4 - Universidad de Los Andes (ULA): Facultad de Ciencias Forestales y Ambientales. Merida, Venezuela

Assessment of forest structure parameters on IKONOS 2 satellite images

Ionuţ BARNOAIEA
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Jugglers in statistics of normality

Sergiu Andrei HORODNIC
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Restoration Management in small forest Watersheds

Alice KOZUMPLÍKOVÁ, Ilja VYSKOT, Jiri SCHNEIDER
Mendel University in Brno, Faculty of Regional Development and International Studies, Czech Republic
Flow-rate estimation of a small watercourse as a basic water balance element of a forest microwatershed
Jan DEUTSCHER, Petr KUPEC
Mendel University in Brno, Faculty of Forestry and Wood Technology, Czech Republic

The effect of the plan scale upon the magnitude of the morphometric parameters in a torrential catchment
Ioan CIORNEI
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

The Auxological Efficiency of the Beech Trees with Different Tree Crown Sizes
Daniel AVĂCĂRIŢEI
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Analysis of tree-ring formation in Calimani Mts
Ionel POPA
Forest Research and Management Institute, Câmpulung Moldovenesc, Romania

Bioclimatology of Norway spruce in the Northern Carpathian Mountains
Catalin ROIBU, Dumitru MIHAILA, Ana-Maria CRETAN, Bogdan NEGREA
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

The influence of windthrow on ecoprotective functions of the forests. Case study in the Forest District Tomnatic, Suceava County
Catalina BARBU
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Assessing species associations - a case study on saplings
Ciprian PALAGHIANU
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Regional assessment of forest fire hazard in the Golestan province: Development and application of new method
Farhad HONARDOUST, Hamid SALAMATI, Ali MASTOURI, Hamid MOSTAFALOU
General Office of Natural Resources, Golestan, Gorgan, Iran

Assessing the degree of human impact on the landscape in a representative area from Suceava County
Adriana Roxana BARNOAIEA
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
**Efficient Use of Flood and Runoff in Water Resource Management in Forest Region. Case Study: Forest of Golestan - Iran**
Reza AHMADI, Mohammad Mohsen Adhami MOJARAD
Natural resources general office of Golestan province, Iran

**Susceptibility of Adult European Spruce Bark Beetle (Ips typographus) to the Fungal Entomopathogen Beauveria bassiana**
Daniela LUPASTEAN¹, Mireuta MARIAN¹, Cristina FATU², CARDAS Gabriel¹, FATU Viorel², CIORNEI Constantin³, Ana-Maria ANDREI³
1 Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
2 Research-Development Institute for Plant Protection, Bucharest, Romania
3 Forest Research and Management Institute, Bacau, Romania

**The Effect of Forest Shelterbelts upon the Agricultural Ecosystems**
Mihai GIDEA¹; Adrian POPA¹; Marian DRAGOI²
1 USAMV Bucuresti, Romania
2 Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

**Zonation of fire hazard using GIS and AHP in Caspian forests of northeast of Iran**
Ali MASTOURI, Mohammad Mohsen Adhami MOJARAD, Reza AHMADI
General Office of Natural Resources, Golestan, Gorgan, Iran

**Fungi associated with the invasive sawfly Aproceros leucopoda in elms forests**
Ana- Cristina FATU¹, Gabriel CARDAS ², Constantin CIORNEI³, Daniela LUPASTEAN², Ana-Maria ANDREI³
1 - Research-Development Institute for Plant Protection, Bucharest, Romania
2 - Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania
3 - Forest Research and Management Institute, Bacau, Romania

**Outstanding species in the Hemeiusi Arboretum and their importance**
Tatiana BLAGA, Maria RATIU, Gheorghe TILEA
Forest Research and Management Institute - Bacau Forest Station, Romania

**Hemeiusi Arboretum - an alive laboratory**
Tatiana BLAGA, Maria RATIU
Forest Research and Management Institute - Bacau Forest Station, Romania
Tillage systems to reduce soil, water and nutrient losses in Eucalyptus forest area, southern Brazil
Bruno Afonso MAGRO¹, Jeferson DIECKOW², Carlos Bruno REISSMANN²
1 - Federal University of Paraná, Forestry Engineering Post-Graduation Program, Curitiba, PR. Brazil
2 - Federal University of Paraná, Department of Soil Science & Agricultural Engineering, Curitiba. PR. Brazil

Effect of harvest - created gaps by single tree selection system on tree rings width of beech (Fagus orientalis Lipsky) in Hyrcanian forest, Iran
Kambiz Abrari VAJARI¹, Hamid JALILVAND², Mohammad Reza POURMAJIDIAN², Kambiz ESPAHBODI³, Ehsan KHEDIVE⁴
1 - Lorestan university, Agriculture Faculty, Iran
2 - Sari Agriculture and Natural Resources University, Natural Resources Faculty
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4 - University of Tehran, College of Agriculture and Natural Resources, Iran

Relationship between Diversity of Herbaceous Species and Gap Size in a Managed Beech (Fagus orientalis Lipsky.) Forest, Northern Iran
Kambiz Abrari VAJARI¹, Hamid JALILVAND², Mohammad Reza POURMAJIDIAN², Kambiz ESPAHBODI³
1 - Forestry Department, Agriculture Faculty, Lorestan University, Iran
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The amount of biomass produced on a coffee plantation grown in agro-forestry manner, Peru
Lenka EHRENBERGEROVÁ
Mendel University in Brno, Czech Republic

Spatial and temporal variability of beech cancer in Natural Reserve Humosu
Ana-Maria CRETAN, Catalin ROIBU
Ştefan cel Mare University of Suceava, Faculty of Forestry, Romania

Research on Ecological Restoration of the Norway spruce Stand Damaged by Deer
Radu VLAD, Cristian Gheorghe Sidor, Cristian COJOCIA
Forest Research and Management Institute, Câmpulung Moldovenesc, Romania

Relationship between Climate and Height Growth of Norway spruce Trees from the Moldovita River Basin
Cristian Gheorghe Sidor¹, Nicolaie PIAIU², Ionel POPA³
1 - Forest Research and Management Institute - Câmpulung Moldovenesc Station, Romania
2 - Forest District Moldovita, Forest Department Suceava, Romania

Linking Human Dimension with Ancient Urban Landscape Management and Development - a case study in China
Yang ZHANG
University of Freiburg, Germany