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Suceava

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Programme

2nd Edition of the **Integrated Management of Environmental Resources Conference**
Suceava, 1-2 November 2013, ROMANIA

For additional information, please visit:
<http://www.silvic.usv.ro/conference2013>

Integrated
Management of
Environmental Resources

Forestry Faculty
SUCEAVA - ROMANIA



Suceava, 1-2 November, 2013

Conference web site: www.silvic.usv.ro/conference2013

Programme

2nd Edition of the *Integrated Management of Environmental Resources* Conference
Suceava, 1-2 November 2013

November, 1st - Friday

8:30 am - Registration and welcome (*E011 hall*)

10:00 am - Plenary session (*E building Auditorium*)
Oral presentation

12.00 am - Coffee break and lunch (*E011 hall*)

1:00 pm - Scientific sessions - Oral presentation (*Auditorium / E132 / E230 halls*)

5:00 pm - Scientific sessions - Oral presentation (*Auditorium / E132 / E230 halls*)

6.00 pm - Official dinner

Plenary session

1. BIOLOGIC CONTROL OF *CRYPHONECTRIA PARASITICA* IN ROMANIA

Dănuț CHIRA, Florentina CHIRA, Valentin BOLEA, Costel MANTALE
Forest Research and Management Institute, Brașov Station

2. ACCOUNTING FOR THE WIND-THROWS RISK INTO THE FOREST PLANNING

Marian DRAGOI
"Ștefan cel Mare" University, Faculty of Forestry

3. TRENDS AND SPEEDS IN ONSET DATES: A COMPARISON BETWEEN ABOUT HALF-CENTURY SEPARATED PHENOLOGICAL SERIES

Marius TEODOSIU
Forest Research and Management Institute, Câmpulung Moldovenesc Station

4. A COMPARISON BETWEEN SOME MAJOR DIVERSITY INDICES

Ciprian PALAGHIANU
"Ștefan cel Mare" University, Faculty of Forestry

5. FUNCTIONAL SIGNIFICANCE OF FOREST BIODIVERSITY IN EUROPE – ROMANIAN CASE STUDY

Olivier BOURIAUD, Laura BOURIAUD, Daniel AVACARITEI, Iulian DANILA, Gabriel DANILA, Gabriel DUDUMAN, Liviu NICHIFOREL, Ionut BARNOAIEA
"Ștefan cel Mare" University, Faculty of Forestry

6. AN OVERVIEW OF THE REGULATIONS REGARDING ACCES TO NON-WOOD FOREST PRODUCTS BASED ON 14 EUROPEAN CASE STUDIES

Liviu NICHIFOREL, Laura BOURIAUD
"Ștefan cel Mare" University, Faculty of Forestry

7. SEASONAL ACTIVITY OF THE NORTHERN BARK BEETLE, *IPS DUPLICATUS*, IN THE SPRUCE STANDS FROM THE PREMONTANE AREA OF SUCEAVA COUNTY

Mihai-Leonard DUDUMAN¹, Nicolai OLENICI², Valentina OLENICI², Vasile-Doru DRĂGHICI¹, Constantin COCA¹
¹"Ștefan cel Mare" University, Faculty of Forestry; ²Forest Research and Management Institute, Câmpulung Moldovenesc Station

Forest and Environment session

1. FORESTS THAT ARE HABITATS FOR RARE, THREATENED OR ENDEMIC PLANT SPECIES (HCVF 1.2.) AND FOREST AREAS WITH CRITICAL SEASONAL USE (HCVF 1.3.) OF NATIONAL FOREST FUND

Diana VASILE¹, Virgil SCĂRLĂTESCU²

Forest Research and Management Institute, Braşov Station¹ and Mihăieşti Station²

2. ARE THE GAP CHARACTERISTICS OF AN OLD-GROWTH MIXED BEECH-SESSILE OAK FORESTS RELATED BY THE SLOPE AND ALTITUDE?

Nicu Constantin TUDOSE¹, Florin Lucian TOIU¹, Any Mary PETRITAN¹, Ion Catalin PETRITAN^{1,2}

¹Forest Research and Management Institute, Str. Closca nr. 13, Braşov, Romania; ²University Transilvania of Braşov

3. INFLUENCE OF TEMPERATURE AND HUMIDITY ON THE WOOD COMPRESSIVE STRENGTH

Alexandru POTORAC, Gabriel PRODAN

“Ştefan cel Mare” University, Faculty of Mechanical Engineering, Mechatronics and Management

4. WOOD BIOMASS ASSESSMENT IN SHORT CICLE, MULTICLONALE COMPARATIVE CULTURES OF HYBRID POPLAR OF DIFFERENT PROVENANCE (METHODOLOGY AND PARTIAL RESULTS)

Daniel AVĂCĂRIŢEI¹, Olivier BOURIAUD², Mihai-Leonard DUDUMAN¹, Manole GREAVU², Alexei SAVIN¹, Nicolae-Marcel FLOCEA¹, Cătălin-Constantin ROIBU¹, Iulian DĂNILĂ¹, Bogdan NEGREA¹, Lucian FLUTUR¹, Mihai VRABIE¹

¹“Ştefan cel Mare” University, Faculty of Forestry; ²Forest Research and Management Institute.

5. THE STUDY OF SOIL BIODIVERSITY AND THE INFLUENCE OF SOIL MAINTENANCE ON THE DEVELOPMENT OF HYBRID POPLAR CLONES IN THE DORNEȘTI-SATU MARE AREA, SUCEAVA COUNTY

Alexei SAVIN, Ovidiu TRIFAN, Sergiu COVATARIU, Cezar CIURLĂ
"Ștefan cel Mare" University, Faculty of Forestry;

6. ASSESSMENT OF BIODIVERSITY IN HABITATS WITH DIFFERENT DEGREES OF HUMAN INTERVENTION - METHODOLOGICAL ISSUES AND PRELIMINARY RESULTS

Mihai-Leonard DUDUMAN¹, Nicolai OLENICI², Cezar Valentin TOMESCU¹, Anca MĂCIUCĂ¹, Gabriel DĂNILĂ¹, Valentina OLENICI², Iovu BIRIȘ², Cătălina BARBU¹, Iulian DĂNILĂ¹, Lucian GROSU¹, Bogdan NEGREA¹, Laura BOURIAUD¹

¹ "Ștefan cel Mare" University, Faculty of Forestry; ² Forest Research and Management Institute, Câmpulung Moldovenesc Station

7. IDENTIFICATION AND MAPPING OF MARGINAL LANDS AND RECENT AFFORESTATION IN NORTH-EASTERN ROMANIA

Ovidiu IACOBESCU, Ioan CIORNEI, Adriana Roxana BARNOAIEA, Ionuț BARNOAIEA
"Ștefan cel Mare" University, Forestry of Faculty

8. USING SATELLITE IMAGE CLASSIFICATION AND DIGITAL TERRAIN MODELING TO ASSESS FOREST SPECIES DISTRIBUTION ON MOUNTAIN SLOPES – A CASE STUDY IN VARATEC FOREST DISTRICT

Ionut BARNOAIEA
"Ștefan cel Mare" University, Forestry of Faculty

9. BIOMECHANICAL BEHAVIOR OF TREES FACING EXTERNAL DISTURBING FACTORS

Robert PARUSCHI, Gheorghe FRUNZĂ and Ionel POPA
"Ștefan cel Mare" University, Forestry of Faculty

10. IMPACT OF WHITE MISTLETOE (*VISCUM ALBUM* SSP. *ABIETIS*) INFECTION ON NEEDLES AND CROWN MORPHOLOGY OF SILVER FIR (*ABIES ALBA* MILL.)

Cătălina BARBU
"Ștefan cel Mare" University, Forestry Faculty

11. ASH DIEBACK IN NORTHERN PART OF SIRET BASIN

Ovidiu G. POPOVICI¹, Danut CHIRA²
"Ștefan cel Mare" University, Forestry of Faculty; ² Forest Research and Management Institute, Brașov Station

12. VASCULAR FLORA ANALYSIS IN THE "FANEȚELE SECULARE PONOARE" RESERVE BOSANCI, SUCEAVA COUNTY

Andreea GAITAN, Cezar Valentin TOMESCU
"Stefan cel Mare" University, Forestry of Faculty

13. ASPECTS REGARDING SPECIES REINTRODUCTION AS METHOD USED IN ORDER TO CONSERVE BIODIVERSITY. CASE STUDY: CHAMOIS (*RUPICAPRA RUPICAPRA*) IN RODNEI MOUNTAINS

Anca MĂCIUCĂ
"Stefan cel Mare" University, Forestry of Faculty

14. TROPHY EVALUATION FORMULA ANALYSIS FOR ASIATIC WILD GOAT *CAPRA (IBEX) SIBIRICUS PALLAS, 1776, CAPRA SIBIRICA MEYER, 1794*

Nicolae GOICEA, Gabriel DĂNILĂ
"Stefan cel Mare" University, Forestry of Faculty

15. THE INFLUENCE OF WILDSTOCK'S VEGETATIVE STAGE AND GRAFTING LEVEL ON *PICEA PUNGENS* VAR. *ARGENTEA* GRAFTING'S SUCCESS

Georgel Constantin MAZARE
"Stefan cel Mare" University, Forestry of Faculty

16. THE IMPLICATIONS OF MUSHROOMS INTOXICATION ON CHILDREN'S HEALTH

Margareta GRUDNICKI, Alice Nicoleta AZOICAI
"Stefan cel Mare" University, Forestry of Faculty

17. THE ASSESSMENT OF FOREST PRODUCTIVITY IN RELATION TO SPECIES DIVERSITY IN RÂȘCA FOREST DISTRICT, ROMANIA

Olivier BOURIAUD, Daniel AVĂCĂRIȚEI, Gabriel DUDUMAN, Ionuț BARNOAIEA
"Stefan cel Mare" University, Forestry of Faculty

Environmental Economics and Forest Policy session

1. ENABLING FACTORS OF ADAPTING FORESTS TO THE CLIMATE CHANGE – A COMPARATIVE ANALYSIS OF REGIONAL CASE STUDIES IN EUROPE

Laura BOURIAUD, Liviu NICHIFOREL, Mariella MARZANO
Ștefan cel Mare University, Suceava

2. ENVIRONMENTAL POLICY AND GOVERNANCE RELATED TO WOOD MARKETS (CONSUMPTION, PRODUCTION AND TRADE)

Maria-Loredana POPESCU, Antoniu PREDESCU
Universitatea Spiru Haret

3. AN OVERVIEW OF THE REGULATIONS REGARDING ACCES TO NON-WOOD FOREST PRODUCTS BASED ON 14 EUROPEAN CASE STUDIES

Liviu NICHIFOREL, Laura BOURIAUD
Ștefan cel Mare University, Suceava

4. A TYPOLOGY OF RENT SEEKING BEHAVIOUR AND THE ESTIMATION OF RENT CAPTURED BY FOREST OWNERS IN VAMA AND DOLHASCA FOREST DISTRICTS

Liviu NICHIFOREL, Ionut BARNOAIEA, Laura BOURIAUD, Ramona SCRIBAN, Couvent M. MARGOT
Ștefan cel Mare University, Suceava

5. USING LANDSAT IMAGES TO IDENTIFY AND MAP FOREST DISTURBANCE IN THE NORTHERN PART OF EASTERN CARPATHIANS

Liviu NICHIFOREL, Ionut BARNOAIEA, Cosmin COȘOFREȚ
Ștefan cel Mare University, Suceava

6. AN ANALYSIS OF FOREST HARVESTING AND MANAGEMENT RIGHTS IN EASTERN EUROPE

Laura BOURIAUD, L. NICHIFOREL, L. G. WEISS, A. BAJRAKTARI, M. CUROVIC, Z. DOBSINSKA, P. GLAVONJIC, V. JARSKÝ, Z. SARVASOVA, M. TEDER, Z. ZALITE.
Stefan cel Mare University, Suceava

7. ATTITUDES AND PERCEPTIONS OF THE CLIMATE CHANGE AMONGST THE FOREST ENGINEERS IN ROMANIA

Mihaela MUTU, Laura BOURIAUD, Liviu NICHIFOREL, Corina DUDUMAN, Marian DRĂGOI
Stefan cel Mare University, Suceava

8. A POSITIVE APPROACH OF LEGAL FRAME IN TIMBER BIOMASS PRODUCTION ON AGRICULTURAL LANDS

Laura BOURIAUD, Luminita LUNGU, Marcel Vladut HAZI
Stefan cel Mare University, Suceava

9. A ROUGH ESTIMATION OF THE VALUE AND STRUCTURE OF THE FOREST MUSHROOMS PRODUCTION AND COMMERCIALISATION CHAIN IN SUCEAVA AREA

Ioana JITARIUC, Laura BOURIAUD, Liviu NICHIFOREL, Carmen NASTASE

10. IMPLICATIONS OF THE CONCEPT OF TEHNOETHICS IN THE MANAGEMENT OF NATURAL RESOURCES

Mihaela MUTU, Laura BOURIAUD, Viorel GULICIUC
Stefan cel Mare University, Suceava

11. WOOD FOR ENERGY USE: A SHORT PERSPECTIVE

Neculai-Marcel FLOCEA
Stefan cel Mare University, Suceava

Poster session

FIR GROWTH VARIABILITY ON AN ALTITUDINAL GRADIENT IN NORTHEASTERN ROMANIA

Mihai LUPESCU
University "Ștefan cel Mare", Faculty of Forestry

INTRA-ANNUAL DYNAMICS OF GROWTH PROCESS IN RARĂU MASSIF

Anca Semeniuc, Ionel Popa
Forest Research and Management Institute, Câmpulung Moldovenesc

THE COROLOGY, ECOLOGY AND PHYTOSOCIOLOGY OF THE WOODY PLANT COMMUNITIES OF THE LAPUȘNIC VALLEY, PART OF THE NATIONAL PARK NEREI-BEUȘNIȚA GORGES

Mariana NICULESCU¹, Alma Lioara NICOLIN², Iulian BERCEA¹, Ilie Silvestru NUȚĂ³, Laurențiu NICULESCU¹, Paula Ionela CISMARU⁴

¹University of Craiova, Faculty of Agriculture and Horticulture, 19 Libertatii Street, 200583, Craiova, Romania, mniculescum@yahoo.com

²Banat's University of Agricultural Sciences and Veterinary Medicine, Timișoara, alma_grigoriu@hotmail.com

³Segarcea Forest Manager's Office, silvestru1969@yahoo.com

⁴Agricultural Research and Development Station Simnic"

IDENTIFICATION OF SOME ECOMONAL COMPOUNDS FOR ATTRACTION OF *HYLOBIUS ABIETIS* BARCK BEETLE BY GC-MS ANALYSIS

Iuliana VASIAN, Ioan OPREAN
Babes-Bolyai University, Raluca Ripan Institute for Research in Chemistry

FIR GROWTH VARIABILITY ON AN ALTITUDINAL GRADIENT IN NORTHEASTERN ROMANIA

Mihai LUPESCU
University "Ștefan cel Mare", Faculty of Forestry

ABOUT WOOD POLES MECHANICAL STRENGTH TESTING

Ilie MUSCA
University Stefan cel Mare Suceava

VARIABILITY OF GROWTH SERIES STATISTICAL PARAMETERS IN NORTHEASTERN ROMANIA

Mihai LUPESCU
University "Ștefan cel Mare", Faculty of Forestry

THE DYNAMICS OF FOREST STANDS COMPOSITION IN RANGE FOREST SOLCA DURING THE PERIOD 1975 – 2005

Marius CURCĂ
University "Ștefan cel Mare Suceava

THE ANALYSIS OF AUXOLOGICAL PARAMETERS FOR THE EUROPEAN SPRUCE PROVENANCE OUTSIDE THEIR NATURAL RANGE IN HANTESTI PLOT

Marius CURCĂ
University "Ștefan cel Mare Suceava

MONITORING SEASONAL FLIGHT ACTIVITY OF MAIN BARK BEETLES INSECTS IN POSTĂVARUL MOUNTAIN

Ioan Andrei MANEA¹; Stefania TOTOS²; Iuliana VASIAN²
¹Forest Research and Management Institute I.C.A.S – Brașov
²"Babeș-Bolyai" University of Cluj Napoca, "Raluca Rîpan" Chemistry Institute, Romania

A DENDROECOLOGY ANALYSIS IN "SLĂTIOARA ANCIENT FOREST" OF DISTURBANCE DYNAMICS

Iulian-Constantin DĂNILĂ¹, Ionel POPA², Catalin-Constantin ROIBU¹
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