

# Programme

3rd Edition of the *Integrated Management of Environmental Resources* Conference  
Suceava, November 6<sup>th</sup>, 2015

## November, 6<sup>th</sup> - Friday

8:30 am - Registration and welcome (*E131 hall*)

10:00 am - Plenary session (*E132 hall*)  
Oral presentation

12.00 am – „Alexandru Tisescu” Foundation Award Ceremony for the year 2014

12.15 am - Coffee break and lunch

1:15 pm - Plenary session (*E132 hall*)  
Oral presentation

3.00 pm – Coffee break

3:30 pm - Plenary session (*E132 hall*)  
Oral presentation

# Plenary session

## **1. FOREST AREAS FROM FOREST ADMINISTRATION COUNTY SUCEAVA THAT CONTAIN CERTAIN VALUES THAT ARE OF CRITICAL CONSERVATION PRIORITY IN THE FOREST CERTIFICATION PROCESS**

Diana VASILE, Virgil SCĂRLĂTESCU  
INCDS Braşov Station, INCDS Mihăeşti Station, Romania

## **2. ANALYSIS OF THE NON-WOOD FOREST PRODUCTS UTILISATION IN THE TRAINING FOREST ENTERPRISE MASARYK FOREST KRTINY (CZECH REPUBLIC)**

Jitka FIALOVA, Jiri KADLEC, Hana KUBICKOVA, Petra HLAVACKOVA, David BREZINA  
Mendel University in Brno, Faculty of Forestry and Wood Technology, Czech Republic

## **3. WHO SHALL PAY FOR ECOSYSTEM SERVICES AND HOW MUCH? - AN ANALYTIC NETWORK APPROACH**

Marian DRAGOI  
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **4. INFLUENCE OF ENVIRONMENTAL FACTORS ON PHENOPHASES OCCURRENCE OF FOREST SPECIES: A CASE STUDY ON ROMANIAN HISTORICAL DATA**

Marius TEODOSIU  
National Institute for Research and Development in Forestry "Marin Drăcea", Romania

## **5. THE RESPONSE OF IPS TYPOGRAPHUS, IPS DUPLICATUS AND PITYOGENES CHALCOGRAPHUS ADULTS TO COMBINATIONS OF THEIR SYNTHETIC AGGREGATION PHEROMONES IN FIELD TESTS**

Nicolai OLENICI, Alexandra ISPRAVNIC, Iulian DĂNILĂ, Mihai-Leonard DUDUMAN, Valentina OLENICI  
INCDS Campulung Moldovenesc Station, Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **6. SOIL EROSION MANIFESTATION IN ARABLE LANDS IN VASLUI COUNTY**

Ovidiu IACOBESCU, Ionuţ BARNOAIEA1, Ciprian PALAGHIANU, Cătălina Oana BARBU, Maria Rodica IACOBESCU, Adriana Roxana BARNOAIEA,

Universitatea „Ștefan cel Mare” Suceava, Facultatea de Silvicultură, Str. Universității 13, 720229, Suceava, Jud. Suceava, silvic@usv.ro

## **7. OBJECT AND PIXEL ORIENTED CLASSIFICATION OF HIGH RESOLUTION SATELLITE IMAGES**

Ionut BARNOAIEA

1Universitatea „Ștefan cel Mare” Suceava, Facultatea de Silvicultură, Str. Universității 13, 720229, Suceava, Jud. Suceava, silvic@usv.ro

## **8. AFFORESTATION - THE DARK FACE OF FORESTRY**

Ciprian PALAGHIANU

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **9. CONSIDERATIONS ON THE ANGULAR ACCELERATION INFLUENCE TO VEHICLES MOVEMENT IN CURVES**

Dan ZAROJANU

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **10. SPATIOTEMPORAL ASSOCIATION AMONG MONTHLY PRECIPITATION AND RELIEF IN CENTRAL-WEST REGION OF VENEZUELA**

Jesús Enrique Andrades RASSI, Hugo Alexander TORRES MANTILLA, Juan Ygnacio LÓPEZ HERNÁNDEZ

Universidad de Los Andes, Escuela de Ingeniería Forestal, Mérida, Venezuela

## **11. EVALUATION OF NORMALITY DETERMINING SPATIOTEMPORAL AUTOCORRELATION OF MONTHLY PRECIPITATION IN CENTRAL-WEST REGION OF VENEZUELA**

Jesús Enrique Andrades GRASSI, Ledys Cuesta HERRERA, Juan Ygnacio LÓPEZ HERNÁNDEZ, Arnoldo GARCÍA

Universidad de Los Andes, Escuela de Ingeniería Forestal, Mérida, Venezuela

## **12. CERVUS ELAPHUS TROPHY ASSESSMENT IN TOPLITA REGION**

Gabriel DĂNILĂ, Andrei BUTUCARU

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **13. ECOTOXICOLOGICAL RESPONSE IN DIFFERENT POLLUTED SOILS**

Corneliu POHONȚU

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

## **14. BIRD SPECIES DIVERSITY IN POPLAR PLANTATIONS: A COMPARISON WITH DIFFERENT LAND USE CATEGORIES**

Gabriel DĂNILĂ, Anca MĂCIUCĂ, Lucian GROSU, Marius TEODOSIU

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

**15. THE ANALYSIS OF FOREST MANAGEMENT FROM UP II DOLHESTI, FOREST DISTRICT DOLHASCA DURING 1991-2011**

Andraia ANDRICI, Gabriel DUDUMAN, Liviu NICHIFOREL  
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

**16. THE FIELD RESPONSE OF IPS TYPOGRAPHUS TO THE VERBENONE AND MCH**

Iustin-Constantin GIOSANU\*, Marius-Valerian PARASCHIV\*\*, Gabriela ISAIA\*, Stefania TOTOS\*\*\*

\*Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov,

\*\* Forest Research and Management Institute Brasov,

\*\*\* Institute of Research in Chemistry Raluca Ripan, Babes Bolyai University Cluj-Napoca

**17. THE DYNAMICS OF THE DEGREE OF ECOPROTECTIVE FUNCTIONS ACCOMPLISHING IN PRIVATE FORESTS IN THE LAST 20 YEARS. CASE STUDY IN PRODUCTION UNIT I DEIA, FOREST DISTRICT VAMA**

Catalina Oana BARBU, Liviu NICHIFOREL, Ramona SCRIBAN, Stefania PLAMADĂ  
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

**18. THE ASSOCIATION HIERACIO TRANSSILVANICO-PICEETUM PAWLOWSKI ET BR.-BL. 1939, FROM THE RIVER SUCEAVA BASIN**

Cezar Valentin TOMESCU  
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

**19. COMPORTAMENTAL TYPOLOGIES OF PRIVATE FOREST OWNERS REGARDING FOREST MANAGEMENT ADAPTATION TO THE CLIMATE CHANGE**

Laura BOURIAUD, Vasile-Cosmin COSOFRET  
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

**20. RARAU-GIUMALAU PROJECT – LITTLE INSIGHTS INTO RESEARCH WORK IN THE NORTHERN CARPATHIANS**

Rouven CORTHUM  
University of Applied Forest Sciences Rottenburg, Germany

**21. INFLUENCE OF THE TYPE OF FOREST REPRODUCTIVE MATERIAL AND PLANTING DENSITY ON MAX 4 HYBRID POPLAR CLONE - POPULUS NIGRA X MAXIMOWICZII IN BIOMASS ACCUMULATION**

Iulian Constantin DĂNILĂ, Daniel AVĂCĂRIȚEI, Mihai-Leonard DUDUMAN, Savin ALEXEI, Cătălin-Constantin ROIBU, Lucian GROSU, Olivier BOURIAUD, Laura Gianina BOURIAUD

1. Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. National Institute for Research and Development in Forestry “Marin Drăcea”, Romania

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## **22. THE INFLUENCE OF THE SOIL MANAGEMENT AND MYCORRHIZA INOCULATION ON BIOMASS ACCUMULATION OF SOME POPLAR HYBRIDS CLONES FROM SUCEAVA PLATEAU, ROMANIA.**

Alexei SAVIN,<sup>1</sup> Iulian-Constantin DĂNILĂ<sup>1</sup>, Daniel AVĂCĂRIȚE<sup>1</sup>, Mihai-Leonard DUDUMAN<sup>1</sup>, Vlăduț-Maricel HAZI, Paul GROSU, Cosmin COȘOFREȚ<sup>1</sup>, Olivier BOURIAUD<sup>2</sup>, Laura Gianina BOURIAUD<sup>1</sup>

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## **23. FINDING SOLUTIONS FOR PRODUCTION PLANNING WHICH ARE CHARACTERIZED BY SURPLUS EXPLOITABLE STAND**

Costel POPA, Gabriel DUDUMAN

Forestry Faculty, Stefan cel Mare University of Suceava, Romania