

Programme

4th Edition of the *Integrated Management of Environmental Resources* Conference
Suceava, November 3-4th, 2017

November, 3rd - Friday

9:30 am - Registration and welcome (*E building hall*)

10:00 am - Plenary session (*E building Auditorium*) – Opening session

10:15 am - Plenary session (*E building Auditorium*) – Oral presentations

12:20 am – Introducing poster session (*E building Auditorium*)

12:30 am – Buffet and poster session (*E building hall*)

1:30 pm - Presentations in sections (1) - Oral presentations
(*E building Auditorium, E105, E106, E109, E110*)

3.00 pm – Coffee break

3:30 pm - Presentations in sections (2) - Oral presentations
(*E building Auditorium, E105, E106, E109, E110*)

5.00 pm – Conference Official Dinner (*University Restaurant*)

Plenary session

Building E Auditorium

Moderator: Liviu Nichiforel

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

1. Carbon stock in European Forests: State of the Art, Uncertainties and Political Challenges

Marian Dragoi

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. The situation of virgin and old-growth forests in Romania – seen from an outside perspective

Rainer Luick

University of Applied Forest Sciences Rottenburg, Germany

3. EU ecological network Natura 2000 integration into national Protected Areas system: Lithuanian experience

Žydrūnas Preikša

Faculty of Forest and Ecology, Aleksandras Stulginskis University, Lithuania

4. The potential of non-wood forest products for Braşov County

Cristian Mihai Enescu ¹, Lucian Dincă ², Florin Aureliu Hălălişan ³, Andrei Apăfăian ³

1. University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

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

3. Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania

Forest Health session

Building E Room E109

Moderator: Nicolai Olenici

National Forest Research and Development Institute, C-lung Moldovenesc Station, Romania

1. The map of *Hylobius abietis* development duration in coniferous or mixed forests of the Eastern Carpathians

Mihai-Leonard Duduman¹, Nicolai Olenici²

1. Forestry Faculty, Stefan cel Mare University of Suceava, Romania
2. National Forest Research and Development Institute, C-lung Moldovenesc Station, Romania

2. Research concerning a new combined lure for *Ips typographus* and *Pityogenes chalcographus*

Gabriela Isaia

Faculty of Silviculture and Forest Engineering, Transilvania University of Braşov, Romania

3. Geographical distribution of the black timber bark beetle (*Xylosandrus germanus*) in Romania

Nicolai Olenici¹, Mihai Leonard Duduman², Gabriela Isaia³, Romică Tomescu⁴, Mihaela Alexandra Ispravnic¹, Constantin Neţoiu⁵, Andrei Buzatu⁵, Ioan Tăut⁶, Tatiana Blaga¹, Marius Paraschiv⁷, Flavius Bălăcenoiu⁴, Alina Alexandru⁴, Mihai Bârcă⁸, Ionel Albu⁸

1. National Forest Research and Development Institute, C-lung Moldovenesc Station, Romania
2. Forestry Faculty, Stefan cel Mare University of Suceava, Romania
3. Faculty of Silviculture and Forest Engineering, Transilvania University of Braşov, Romania
4. National Forest Research and Development Institute, Bucharest, Romania
5. National Forest Research and Development Institute, Craiova Station, Romania
6. National Forest Research and Development Institute, Bistriţa Station, Romania
7. National Forest Research and Development Institute, Braşov Station, Romania
8. National Forest Research and Development Institute, Timişoara Station, Romania

4. The importance of parasitoids in pest control. Case Study: little spruce sawfly *Pristiphora abietina* (CHRIST) (Hymenoptera, Tenthredinidae).

Gheorghe Pei¹, Valentin Brudea², Andrei Apafaian¹

- 1 Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania
- 2 Forestry Faculty, Stefan cel Mare University of Suceava, Romania

5. Testing automated pheromonal traps for monitoring the seasonal flight activity of *Ips duplicatus* bark beetles

Cătălin Ciocan, Mihai Leonard-Duduman, Sergiu Andrei Horodnic
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

6. Growth and mortality of hybrid poplar short rotation culture (AF8 clone) in response to *Clostera anastomosis* L. (Lepidoptera: Notodontidae) defoliations

Mihai-Leonard Duduman, Daniela Lupaștean, Iulian Dănilă, Cosmin Coșofreț, Ramona Scriban
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

7. The influence of resinous natural volatile emissions on *Hylobius abietis* beetles' response to different concentrations of synthetic attractants

Mihai-Alexandru Corjin, Mihai-Leonard Duduman, Viorica Corjin
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

Forest policy economics session

Building E Room E105

Moderator: Marian Dragoi

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

1. The harmonization of Natura 2000 plans with forest management planning: what impacts, what solutions?

Andrici Andreea, Liviu Nichiforel, Ramona Scriban
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. Time expenditure of a cut-to-length clear cut operation in a dried spruce stand

Andrei Apăfăian
Faculty of Silviculture and Forest Engineering, Transilvania University of Braşov, Romania

3. Forest certification in the context of highly regulatory legal frameworks: the case of Romania

Bogdan Buliga ¹, Liviu Nichiforel ²

1. Faculty of Environmental Science and Engineering, Babeş-Bolyai University Cluj-Napoca, Romania
2. Forestry Faculty, Stefan cel Mare University of Suceava, Romania

4. Using the contingent valuation method in the planning of urban forests: an application for the Dendrologic Park Şipote

Gianina Giorgiana Danea, Liviu Nichiforel, Ramona Scriban
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

5. Forest melliferous resources in the Republic of Moldova

Gheorghe Novac
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

Forest and society session

Building E Room E110

Moderator: Ciprian Palaghianu

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

1. Afforestation and reforestation management - migrating to sustainability and responsibility

Ciprian Palaghianu

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. Identifying and mapping cultural ecosystem services as part of the forest certification process

Ramona Elena Scriban, Liviu Nichiforel

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

3. Perceptions regarding forest management in Romania: Case study on first year students of Forestry Faculty

Cătălina Oana Barbu, Ramona Scriban, Liviu Nichiforel

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

4. Social networks and norms driving the firewood market for household's needs

Laura Bouriaud¹, Cristian Mihai Enescu², Cosmin Cosofret¹, Ramona Elena Scriban¹, Marian Gogan¹, Razvan Simon¹, Constantin Mihăiță Pantilică², Liviu Nichiforel¹

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

2. Faculty of Agriculture, University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania

5. Cognitive and relationship factors determining landowners' perceptions about forest

Laura Bouriaud, Cosmin Coșofreț, Ramona Elena Scriban

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

Ecology and environment session

Building E Auditorium

Moderator: Victor Sfeclă

Faculty of Horticulture, State Agrarian University of Moldova, Chişinău

1. Phenotypic variability of *Sorbus torminalis* (L.) Crantz trees in the central region of the Republic of Moldova

Gumeniuc Iachim ¹, Sfeclă Victor ²

1. Faculty of Horticulture, State Agrarian University of Moldova, Chişinău

2. Faculty of Horticulture, State Agrarian University of Moldova, Chişinău

2. Current distribution of golden jackal (*Canis aureus* L.) in Romania and its effects on competitors and pray species

Farkas Attila ^{1,3}, Jánoska Ferenc ², Náhlik András ²

1. University of Sopron, Roth Gyula Doctoral School of Forestry and Wildlife Management Sciences, H-9400 Sopron, Bajcsy-Zs. str. 4, Hungary

2. University of Sopron, Faculty of Forestry, Institute of Wildlife Management and Vertebrate Zoology, H-9400 Sopron, Bajcsy-Zs. str. 4, Hungary

3. Ecosystem Management Association, 535500 Gheorgheni, Flower's residential quarter 21/F/105, Romania

3. Level of contamination with the some heavy metals in acacia flowers (*Robinia pseudoacacia*) from the Republic of Moldova

Valeriu Braşoveanu, Regina Fasola, Cristina Braşoveanu, Nicolaie Grigoraş, Liliana Stratan, Elena Popa

Institute of Ecology and Geography of the Academy of Sciences of the Republic of Moldova

4. The analysis of habitat conditions offered to bird populations by the forests of U.P. VII Suharău, OS Dorohoi, Botoşani district

Alin Dănilă, Anca Măciucă

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

5. Aspects on the black grouse (*Lyrurus tetrrix* L., *Tetrao tetrrix*) prevalence in Romania

Dănilă Gabriel
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

6. The vascular flora of the Secular Forest Loben – Suceava County

Tomescu Cezar Valentin, Tudor Ioan Harasemciuc
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

7. Observations regarding the Blue spruce' development in Romanian nurseries and the possibility of using it as Christmas tree

Georgel Mazare
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

Silviculture and Forest engineering session

Building E, E106

Moderator: Ionuț Barnoaia

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

1. The effect of the bearing capacity of the foundation ground on the volume / cost of the gravity dams used in torrent control activity

Ioan Ciornei

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. Spatial distribution of land degradation phenomena in Vaslui County (Romania), Criuleni (Republic of Moldova) and Bolgrad (Ukraine)

Ionuț Barnoaia, Ovidiu Iacobescu, Ciprian Palaghianu, Roxana Barnoaia, Cătălina Barbu

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

3. The determination of technical harvesting ages for the main wood species of Romania

Aurel Cotos, Gabriel Duduman

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

4. Structural diversity and spatial patterns dynamics at the Eastern limit of beech forest distribution

Mihai Cotos, Andrei Mursa, Catalin Roibu

Forestry Faculty, Stefan cel Mare University of Suceava, Romania

Poster session

1. Edible mushroom vs. poisonous mushrooms

Grudnicki Margareta
Forestry Faculty, Stefan cel Mare University of Suceava, Romania

2. Pests and fungi as factors in health damage of oak stands (case study)

Ala Donica, Natalia Răileanu,
Institute of Ecology and Geography, the Republic of Moldova

3. Growth of larch (*Larix decidua* Mill.) seedlings under abiotic stress conditions

Ioana Plesa¹, Mohamad Al Hassan², Adriana F. Sestras¹, Oscar Vicente³, Monica Boscaiu⁴,
Radu E. Sestras¹

1 University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

2 The New Zealand Institute for Plant & Food Research Ltd., Auckland, New Zealand

3 Institute of Plant Molecular and Cellular Biology (IBMCP, UPV-CSIC) Universitat Politècnica de València, Valencia, Spain

4 Mediterranean Agroforest Institute (IAM, UPV) Universitat Politècnica de València, Valencia, Spain

4. Spruce trees growth and forest landscape depending on microstational factors and ecological conditions

Ioana Plesa¹, Cătălina Dan¹, Alina Truță¹, Liviu Holonec¹, Adriana F. Sestras¹, Monica Boscaiu²,
Radu E. Sestras¹

1 University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

2 Mediterranean Agroforest Institute (IAM, UPV) Universitat Politècnica de València, Valencia, Spain

5. The types of forest ecosystems of "dobrușa" protected area

Sfeclă Victor
Faculty of Horticulture, State Agrarian University of Moldova, Chișinău

6. Biochemical indicators for the evaluation of the oak species health status, edifying of forest ecosystems, in the central area of the Republic of Moldova

Cristina Brașoveanu
Institute of Ecology and Geography of the Academy of Sciences of the Republic of Moldova
Corresponding author e-mail address: cristina.deomidova@mail.ru

7. Wood anatomical features of Scots and Black pine species growing in Central Romania are affected by drought events

Ionela Mirela Medrea^{1*}, Ana-Maria Hereș², Any Mary Petritan³, Andrei Apafaian¹, Florin Dinulica¹, Ion Catalin Petritan¹

1 Transilvania University, Brasov, Romania

2 National Museum of Natural History, Madrid, Spain

3 "Marin Drăcea" National Research-Development Institute in Forestry, Brașov, Romania

*Correspondence: ionela.medrea@unitbv.ro