

UNIVERSITY OF CRAIOVA FACULTY OF AGRONOMY



ANNIVERSARY CONFERENCE 70 YEARS OF HIGHER EDUCATION IN OLTENIA



University of Craiova / 70 years / Tradition, Performance, Vision



The 13th ANNUAL MEETING

"DURABLE AGRICULTURE –AGRICULTURE OF THE FUTURE"

Particular focus of the conference:

***"ADVANCED METHODS FOR A SUSTAINABLE AGRICULTURE,
SILVICULTURE AND FOOD SCIENCE"***

Conference Chairmans:

Prof. dr. eng. Aurel CĂLINA
Vice-Rector, University of Craiova

Prof. dr. eng. Tudor ALEXANDRU
Dean, Faculty of Agronomy

Prof. assoc. dr. Mariana NICULESCU
Vice-Dean, Faculty of Agronomy

HONORARY COMMITTEE

Prof. dr. Cezar Ionuț SPÎNU, Rector of University of Craiova, Romania
Prof. dr. eng. Aurel CĂLINA, Vice-Rector of University of Craiova, Romania
Prof. dr. Magdalena MIHAI, Vice-Rector of University of Craiova, Romania
Prof. dr. eng. Romulus LUNGU, Vice-Rector of University of Craiova, Romania
Prof. dr. Radu CONSTANTINESCU, Vice-Rector of University of Craiova, Romania
Prof. dr. Nicolae PANEA, Vice-Rector of University of Craiova, Romania
Prof. dr. eng. Nicu BÎZDOACĂ, Vice-Rector of University of Craiova, Romania
Prof. assoc. dr. Dorel BERCEANU, Vice-Rector of University of Craiova, Romania
Prof. dr. Sorin Mihai CÎMPEANU, Rector of USAMV Bucuresti, Romania
Prof. dr. eng. Cosmin Alin POPESCU, Rector of USAMVBT "REGELE MIHAI I AL ROMÂNIEI", Timisoara, Romania
Prof. dr. eng. Leonardo Geo MĂNESCU, General Manager INCESA (Research Hub for Applied Sciences), University of Craiova, Romania
Prof. dr. eng. Vasile VÎNTU, Rector of USAMV "ION IONESCU DE LA BRAD", Iasi, Romania
Prof. dr. eng. Cornel CĂTOI, Rector of USAMV Cluj-Napoca, Romania
Prof. dr. eng. Tiberiu IANCU, Vice-Rector of USAMVBT "REGELE MIHAI I AL ROMÂNIEI", Timisoara, Romania
Prof. dr. eng. Răzvan Ionuț TEODORESCU, Vice-Rector of USAMV Bucuresti, Romania
Prof. dr. eng. Mirecea MIHALACHE, Vice-Rector of USAMV Bucuresti, Romania
Prof. dr. eng. Markovic NEBOJSA, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr. habil. Ralph MAISSNER, Martin-Luther-University Halle-Wittenberg, Germany
Prof. dr. Jörg RINKLEBE, University of Wuppertal, Germany
Prof. assoc. dr. Iurie MELNIC, First Vice-rector, State Agrarian University of Moldova
Prof. dr. Mustafa ÜMIT ÜNAL, University of Çukurova, Faculty of Agriculture, Adana, Turkey
Prof. dr. Mustafa BOLCA, Dean of the Ege University, Agricultural Faculty, Izmir, Turkey
Prof. Multiple Dr. H. C. Stefano GREGO, President of ESNA, World Agricultural Heritage Foundation
Chairman of Scientific Committee, Deputy Director of CIRPS, Italy
Dr. eng. Valentin Nicolae VLĂDUȚ, I.N.M.A. Bucuresti, Romania
Prof. dr. eng. Gheorghe SIN, President of the Agricultural and Forestry Sciences Academy "Gheorghe Ionescu Șişești", Romania

SCIENTIFIC COMMITTEE

Prof. dr. eng. Tudor ALEXANDRU, Dean of the Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. Mariana NICULESCU, Vice-Dean of Faculty of Agronomy, University of Craiova, Romania
Prof. dr. Burçin ÇOKUYSAL, Vice-Dean, Ege University, Agricultural Faculty, Izmir, Turkey
Doc. dr. Zoran PRŽIĆ, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr. Ivan ILIEV, University of Forestry, Sofia, Bulgaria
Prof. asst. dr. Aysun ŞENER, Adana Science and Technology University, Faculty of Engineering and Natural Sciences, Turkey
Prof. assoc. dr. Nersin ÖRÇEN, Ege University, Agricultural Faculty, Izmir, Turkey
Dr. Selin Yabaci KARAOĞLAN, Adana Science and Technology University, Faculty of Engineering and Natural Sciences, Turkey
Prof. asst. dr. M. Cuneyt BAGDATLI, University of Nevsehir Haci Bektas Veli Engineering and Architecture Faculty, Department of Biosystem Engineering, Turkey
Prof. dr. eng. Roxana VIDICAN, Dean of Faculty of Agriculture, USAMV Cluj-Napoca, Romania
Prof. dr. eng. Costel SAMUIL, Dean of Faculty of Agriculture, Rector of USAMV "ION IONESCU DE LA BRAD", Iasi, Romania
Prof. dr. eng. Flori IMBREA, Dean of Faculty of Agriculture, of USAMVBT "REGELE MIHAI I AL ROMÂNIEI", Timisoara, Romania
Prof. dr. eng. Costică CIONTU, Dean of Faculty of Agriculture, USAMV Bucuresti, Romania
Prof. dr. eng. Ioan ROTAR, Faculty of Agriculture, USAMV Cluj-Napoca, Romania
Prof. assoc. dr. eng. Mugurel COLĂ, Vice-Dean of the Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. eng. Sorin Petruț BORUZ, Vice-Dean of the Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. Liviu Aurel OLARU, Faculty of Agronomy, University of Craiova, Romania

Prof. assoc. dr. eng. Jenica CĂLINA, Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. eng. Carmen BĂDĂRĂU, University "Transilvania" of Brasov, Romania
Prof. assoc. dr. Roxana Maria BĂDÎRCEA, Faculty of Economics and Business Administration, University of Craiova, Romania
Prof. dr. eng. Dragomir BRUMAR, Faculty of Agronomy, University of Craiova, Romania
Prof. dr. eng. Constantin COTIGĂ, Faculty of Agronomy, University of Craiova, Romania
Prof. dr. eng. Ion SĂRĂCIN, Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. eng. Mihnea GLODEANU, Faculty of Agronomy, University of Craiova, Romania
Prof. assoc. dr. eng. Constantin NEȚOIU, Faculty of Agronomy, University of Craiova, Romania
Dr. Mirela RIDICHE, Oltenian Museum, Craiova, Romania
Junior Lecturer. dr. eng. Marius MILUȚ, Faculty of Agronomy, University of Craiova, Romania
Junior Lecturer. dr. eng. Alexandru SĂRARU, Faculty of Agronomy, University of Craiova, Romania

ORGANIZING COMMITTEE

Prof. assoc. dr. eng. Dorina BONEA, Faculty of Agronomy, University of Craiova
Prof. assoc. dr. eng. Emilia CONSTANTINESCU, Faculty of Agronomy, University of Craiova
Prof. assoc. dr. eng. Petre SĂVESCU, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Florica COLĂ, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Florina GRECU, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Elena ROȘCULETE, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Florin COJOACĂ, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Iulian BERCEA, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Alin CROITORU, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Dragoș MEDELETE, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Claudiu BUZATU, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Marius Nicolae CIOBOATĂ, Faculty of Agronomy, University of Craiova
Junior Lecturer dr. eng. Andi CIOBANU, Faculty of Agronomy, University of Craiova
Dr. eng. Călin SĂLCEANU, Faculty of Agronomy, University of Craiova
Dr. eng. Alina PĂTRU, Faculty of Agronomy, University of Craiova
Eng. Carmen VASILESCU, Faculty of Agronomy, University of Craiova
Eng. Florin PĂTRU, Faculty of Agronomy, University of Craiova



Date and venue
November 9th – 10th 2017,
CRAIOVA, ROMANIA
<http://www.agro-forest.ro/>

PARTENERS: OLTENIA MUSEUM, CRAIOVA
CONSAGRO CRAIOVA



Keynote Speakers:



Prof. Dr. habil. Ralph MAISSNER

MARTIN-LUTHER-UNIVERSITY HALLE-Wittenberg, Faculty of Natural Science III, Head of the research group "Transport and Scaling Processes in Soils" and head of the "Lysimeter research facility Falkenberg" at the Hemholtz Centro for Environmental Research - UFZ, GERMANY



Prof. assoc. Dr. Nesrin ÖRÇEN

EGE UNIVERSITY, Agricultural Faculty, Field Crops Department, Professional Skills; Plant tissue culture, RAPD, Cytogenetic examine tools, Electrophoresis (PAGE, agarose); Izmir, TURKEY



Prof. Dr. Jörg RINKLEBE

UNIVERSITY OF WUPPERTAL - Full Professor for Soil and Groundwater-Management, Head of the Laboratory of Soil-and Groundwater-Management Commission Head of Water - and Waste-Management, GERMANY

Deadlines:

Conference registration: Before November 1st 2017

Submission of abstract:

- October 25, 2017

Submission of full papers (max. 2 papers for first author):

- October 31, 2017

Participation fee:

200 RON for the Romanian participants;

100 RON for the accompanying person;

50 € for the foreigner participants;

30 € for the foreigner accompanying person;

20 € (fee is paid in lei at the rate of the day) 90 RON - Tourist visit (Trip in the North of Oltenia; Traditional lunch)

The abstract should contain:

Title of the paper; Authors name (company address, department, e-mail; title of the author and co-authors); assignment to a specific presentation topic; e-mail address: agronomie_cv@yahoo.com

Conference Secretary:

Junior Lecturer. dr. eng. Marius MILUȚ, Faculty of Agronomy, University of Craiova, milutmarius@yahoo.com

Junior Lecturer. dr. eng. Dragoș MEDELETE, Faculty of Agronomy, University of Craiova, medelete@yahoo.com

Working Group 1
Plant cultivation, Animal growing technologies and Food Science;

Working Group 2
Soil Sciences and Water Management

Working Group 3
Fundamentally Disciplines and Environment, Forestry and Plant Management;

Working Group 4
Management, Agriculture mechanization and Cadastre

PAYMENT INFO (FOR RON):

BY BANK TRANSFER AT THE FOLLOWING ACCOUNTS:

Beneficiary: CONSAGRO CRAIOVA
Address: 19 Libertatii Street, CRAIOVA
Name of Bank: Banca Transilvania
IBAN Code: **RO69BTRL01701205N98863XX**

WITH THE SPECIFICATION: "DURABLE AGRICULTURE-AGRICULTURE OF THE FUTURE"CONFERENCE FEE, FACULTY OF AGRONOMY
THE FEE DOES NOT INCLUDE THE BANK TRANSFER FEE

PAYMENT INFO (FOR EURO)

BY BANK TRANSFER AT THE FOLLOWING ACCOUNTS:

Beneficiary: UNIVERSITY OF CRAIOVA
Address: STR. A. I. CUZA NR. 13, CRAIOVA
FISCAL CODE: 4553380
Name of Bank: CEC BANK CRAIOVA
IBAN Code: **RO35CECEDJ01C1EURO782733**
Bank Address: STR. SF. DUMITRU BL: 1-3-5, PARTER, CRAIOVA, ROMANIA

Publications

All participants will be invited to submit the papers (max. 2 for first autor) until October 31, 2017 to the Conference Secretary and, following a standard peer review process, a selection of the finest ones will be published in a special issue of the journal:

"ANNALES OF THE UNIVERSITY OF CRAIOVA, AGRICULTURE, MONTANOLOGY, CADASTRE SERIES", ISSN 1841-8317; ISSN CD-ROM 2066-950X, **CABI, Index Copernicus, Ulrich, Google Scholar, Doaj, CiteFactor, Bielefeld Academic Search Engine, <http://anale.agro-craiova.ro/>, Academic Resource Index Research Bib, ICV - 84,55.**

CONTACT- If you have any questions, please contact: Conference Secretary: 19 Libertatii Street, Craiova, 200583, Romania
<http://www.agro-craiova.ro/> and <http://www.agro-forest.ro/>; Email: agronomie_cv@yahoo.com; mniculescum@yahoo.com,
phone: +40 251 41 84 75

OTHER DETAILS:

The **13th ANNUAL MEETING - "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"** will be held at the Conference Center of Faculty of Agronomy, Craiova located in the south-west of Romania, for registration, Opening Ceremony, invited lectures, working group's sessions and poster session. For any question or problem please contact the local organizers at the following e-mail address: medelete@yahoo.com

The participation fee includes:

- Conference proceedings on CD-ROM;
- Conference information material;
- Coffee breaks;
- Gala dinner

The participation fee **does not include**: accommodation, lunches, payments for tourist excursion.

Tourist visit (Trip in the North of Oltenia; Traditional lunch): 20 € (**fee is paid in lei at the rate of the day**)

The organizers do not provide hotel reservations.

Please consult hotel vacancies:

Hotel EUROPECA	http://www.hoteleuropeca.ro/
	Tel: +40 751 224 794 Fax: +40 251 419 586
Hotel PARC	http://www.hotelparc.go.ro
	Tel.: +40 251 417 257
Hotel RAMADA PLAZA	http://www.ramadaplazacraiova.ro/en
	Tel. : +40 351 100 200
Mansion LUISA	Tel.: +40 251 411 735
	craiova/pensiunea_luisa-c58771.html
Hotel BAVARIA	Tel.: +40 251 414 449
	office@hotel-bavaria.ro hotel-bavaria@yahoo.com

ARRIVING IN / DEPARTURE FROM CRAIOVA

By air

Your place of arrival in Romania will be most likely the "Henri Coandă" International Airport near Bucharest or International Airport Craiova (<http://www.aeroportcraiova.ro/>). When you show your passport and visa to the immigration officers, you may be asked why you have come to Romania and also whether you have enough money to cover your costs of living plus a return ticket. You will avoid delays if you have all your papers handy: your passport and documents indicating your official acceptance by the university and your proof of financial support. Before you go through customs you can exchange money at a counter in the luggage-collecting hall. The exchange rate is almost as good as you will get anywhere. To proceed to Craiova, you can take a taxi/bus from the airport to the Railway Station (Gara de Nord) in Bucharest.

By rail

If you wish to travel from Bucharest to Craiova by rail (<http://www.infofer.ro/>), you will have to leave from Bucharest Nord railway station. There are 250 km between Bucharest and Craiova and the journey will take you between 3 hours . We recommend you travel by the Rapid trains (fast) or Intercity, which stop only in a few stations. A single ticket for Intercity ("Blue Arrow") costs approx. 12 EUR. The first class ticket for rapid train costs approx. 20 EUR.

NOTE: There are also other trains coming to Craiova during the day and night.

By car

The trip by car to CRAIOVA is very nice and easy. Navigation coaches are not difficult if you have a [route map of Romania](#).

There are also regular buses that are running to/from Greece, Turkey, Czech Republic, Austria, Bulgaria, Serbia, Hungary, Italy, France, Spain and Germany.

LOCAL TRANSPORT

For transport one can use bus, electric tram, maxi-taxi and taxi.

Tickets for buses, maxi-taxi and electric trams can be bought from the red-painted booths that are in most stops. You can also buy tickets from the drivers. Tickets should be punched immediately after you get on board. Bus/trolley/tram fare is 2,50 lei (RON) per single ticket and 3,5 lei (RON) per return ticket. Station – Facultatea de Agronomie (<http://www.rat-craiova.ro/>).

Taxi

There are many taxi companies in town. They have quite a few types of cars, usually painted in yellow. Price is between 1,35 lei/km and 1,45 lei/km (about 0.32 EUR).

Starting price is about 1,35 lei (0.32 EUR).

Phone numbers: 0251- 953, 0251-411500; 0251-590002

BUSINESS HOURS (SHOPS, BANKS, POST OFFICES)

Most of the shops in Craiova are open between 9:00 and 19:00 hours. During weekends, shops are open on Saturdays, between 9:00 and 14:00 hours. There are some non-stop supermarkets, too.

In general, banks are open from 9.00 to 16.00 hours from Monday to Friday. Post offices open at 7.00 and close at 20.00 hours.

CLIMATE

The Romanian climate is characterized by hot summers and cold winters. In November, there will be fairly hot days (above 15-18° C) and you will want to wear autumn clothes.

Language: Working language of the meeting is English; translations will not be provided.

Facilities: Overhead/slide projectors and PowerPoint projectors will be provided for the presentations. A computer room with internet connection will be open during the Conference.

Currency

The legal tender is the Romanian Leu (RON). You will be able to change your money in hotels. The approximate exchange rate is 1 EUR = 4.5189 RON.

Invitation letter/ Certification of attendance: If you need official invitation to obtain visa to attend the meeting, you must register for the meeting and submit abstract. For security purposes, letters will not be sent to attendees who do not meet these requirements. Invitation letters will not be processed until you have registered and paid for the registration fees. This letters will be provided to help participants rise conference attendance funding and to obtain visas.

All participants and accompanying person should have a valid passport.

A certificate of attendance will be given to the registered participants upon request.

SCIENTIFIC PROGRAMME

13th ANNUAL MEETING

"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"

9th-10th November 2017, Craiova, ROMANIA

Abstracts

At the meeting it is possible to present ORAL CONTRIBUTION (max. duration 15 min), or POSTERS (maximal size: width 80 cm, height 100 cm). The one page abstract of not more than 250 words, should be submitted to the Local Organizers. Please, send the abstract by E-mail (E-mail address: agronomie_cv@yahoo.com) and as hard copy on A4 (210x297), with 3 cm margins on either side and with the best possible quality of printing (camera-ready).

It has to contain: Working group N° (on upper side), the title (in capitals), name and surname of author(s), affiliation and full mailing address of authors, and E-mail address if any. The text should be typed using Microsoft word 2007 (or earlier version) in 12 point "Arial" font (as informative as possible) according to the following example:

Working group N°1 (oral presentation / poster)

DISTRIBUTION OF RISK POLLUTANTS IN SOIL FROM THE VICINITY OF A PETROCHEMICAL CENTER

Sechman A. (1) and A. Lysak (2)

(1) University of Agriculture, Department of Animal Physiology, Al. Mickiewicza 24/28, Krakow, Poland; e-mail: rzsechma@cyf-kr.edu.pl

(2) National Research Institute of Animal Production, Balice n. Krakow, Poland; E-mail: bature@op.pl

The text should be typed using Microsoft word 2007 (or earlier version) in 12 point "Arial" font (as informative as possible).

We ask you to send the abstract until the dead line, in order to edit the abstracts volume. Each author is allowed to present a maximum of two papers as first author.

PROCEEDINGS

The Proceedings will be published in a special issue of the „**ANNALES OF THE UNIVERSITY OF CRAIOVA, AGRICULTURE, MONTANOLOGY, CADASTRE SERIES**„- ISSN 1841-8317; ISSN CD-ROM 2066-950X, after the Congress, only for papers from the participants of the Congress, and after comments made by referees.

Starting from 2010 the journal papers it is quoted by National Council of the Scientific Research from The Academically Education in the "B+" category and are indexed by **CABI, Index Copernicus, Ulrich, Google Scholar, Doaj, CiteFactor, Bielefeld Academic Search Engine** - <http://anale.agro-craiova.ro/>.

A participant it is allowed to present a maximum of two papers as first author, from which obligatory one paper will be presented on public session or poster sessin.

The dead line for sending the full paper is **31 October 2017** by E-mail (E-mail address: agronomie_cv@yahoo.com).

PAPERS EDIT INSTRUCTIONS (can be found on the web site of journal-<http://anale.agro-craiova.ro/index.php/aamc/about/submissions#authorGuidelines>)

- document format - it is asked to use Microsoft Office Word (starting with 2007) (format docx);
- page: A4 (210 x 297mm) page size; 2 cm page boundary;
- the papers will obligatory include the next elements: abstract, introduction, materials and methods, research results, conclusions and bibliography;
- title: uppercase, bold, centred in Romanian and English, ARIAL14;
- author: ARIAL 12, bold, italic, right side;
- keywords: ARIAL 10, bold, left side;
- abstract: in Romanian and English, ARIAL 12, italic, a space side after;
- paper section: uppercase, ARIAL 12, bold, centred;
- paper text: ARIAL 12, justify, 1,25 cm paragraph indent;
- tables: title with small characters, bold, centred, the table number on the right side, ARIAL 12, italic, bold;
- figures, pictures numbered, ARIAL 10, centred
- bibliography: on alphabetic order, ARIAL 12 bold authors, the title of the paper and publishing with ARIAL 12 italic
- no page number included.

POSTER PRESENTATION CONDITIONS:

- Format 90/70 cm on high side;
- Title (Bold, 72), authors (Bold, 36), and institution (Bold, 26)

GENERAL PROGRAMME
9th-10th November 2017, Craiova, ROMANIA

Date	Event	Location
Thursday 9.XI.2017	Registration (09.00-10.00)	Faculty of Agronomy (19 Libertății street)
	Opening Ceremony (10.00-11.00)	Aula "Alexandru Buia" - Faculty of Agronomy (19 Libertății street)
	Coffee break (11.00-11.30)	Aula "Alexandru Buia" - Faculty of Agronomy
	Plenary Session and...Cultural moment (11.30-13.30)	<ul style="list-style-type: none"> 🇷🇺 A bit of culture "November waltzes" 🇷🇺 Plenary Session-Invited Speakers: <ul style="list-style-type: none"> ➤ Prof. Dr. habil. Ralph MAISSNER, MARTIN-LUTHER-UNIVERSITY, HALLE-Wittenberg, Faculty of Natural Science III, GERMANY ➤ Prof. assoc. Dr. Nesrin ÖRÇEN, EGE UNIVERSITY, Agricultural Faculty, TURKEY ➤ Prof. Dr. Jörg RINKLEBE, UNIVERSITY OF WUPPERTAL, GERMANY
	Lunch (13.30-14.30)	Faculty of Agronomy
	Working Groups Sessions (14.30-16.30)	Faculty of Agronomy (Aula "Alexandru Buia")
	Coffee break (16.30-17.00)	Faculty of Agronomy
	Poster Session (17.00-18.00)	Faculty of Agronomy
Gala dinner (19.30-24.00)	"University House" Restaurant, Craiova	
Friday 10.XI.2017	Tourist visit (8.00-23.00)	Trip to the North of Oltenia Traditional lunch

See you in CRAIOVA in NOVEMBER 2017!



Contact persons:

Vice-Dean, Prof. assoc. dr. Mariana NICULESCU, e-mail: mniculescum@yahoo.com

Junior Lecturer dr. Marius MILUȚ, e-mail: marius_milut@yahoo.com

Junior Lecturer dr. Dragoș MEDELETE, e-mail: medelete@yahoo.com

Doc. dr. Zoran PRŽIĆ, e-mail: zoranata4@yahoo.com, +381 11 2 615 315 (loc. 3317)

Phone: +40-251-41 84 75, **Fax:** +40-251-41 84 75,

E-mail of the Conference: agronomie_cv@yahoo.com

Conference web site: <http://www.agro-forest.ro/> and <http://www.agro-craiova.ro/>

Proceedings web site: <http://anale.agro-craiova.ro/>