

**UNIVERSITY OF CRAIOVA - UNIVERSITY OF BELGRADE  
FACULTY OF AGRONOMY - FACULTY OF AGRICULTURE**



**The 19<sup>th</sup> ANNUAL MEETING  
"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**

**2<sup>nd</sup>-3<sup>rd</sup> November 2023, Craiova, Romania**

**Organisers:**

**UNIVERSITY OF CRAIOVA - FACULTY OF AGRONOMY  
AND  
UNIVERSITY OF BELGRADE - FACULTY OF AGRICULTURE**

**IN COLLABORATION WITH  
AGRICULTURAL AND FORESTRY SCIENCES ACADEMY  
"GHEORGHE IONESCU ȘIȘEȘTI"**

**Particular focus of the conference:**

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

**PARTENERS:**

**CONSAGRO CRAIOVA**

**Dear Colleagues,**

*On behalf of the organizing committee it is our pleasure to invite you to participate in the 19<sup>th</sup> "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE" Annual Meeting to be held in Craiova, Romania, at the Faculty of Agronomy of the University of Craiova.*

*Craiova, Romania's 6<sup>th</sup> largest city and capital of Dolj County, is situated near the east bank of Jiu river, in central Oltenia. It is a longstanding political center, and is located at approximately equal distances from the Southern Carpathians (north) and Danube River (south). Craiova is the chief commercial city west of Bucharest and the most important city of Oltenia Region. The city prospered as a regional trading centre despite an earthquake in 1790, a plague in 1795, and a Turkish assault in 1802 during which it was burned.*

*The University of Craiova is the most important source of knowledge, creativity, and innovation from the region. The innovation effect, which it has to produce for the community and for the Euro-region is one of the main institutional objectives. Our university will become a strategic point of the regional economy and promoter of the competitive, participative, inclusive economy principles.*

*The University of Craiova was founded within the university center system in Romania in the second half of the 20<sup>th</sup> century, being, chronologically, the fifth university in the country, following the ones in Iasi, Bucharest, Cluj-Napoca, and Timisoara. The efforts to set up a university centre in the heart of the region of Oltenia were completed by the passing of the Law no. 138/April 25, 1947, thus permitting the founding and organization of the University of Craiova and its ephors.*

*Currently, UCV is a comprehensive institution, made up of 11 faculties, 34 departments, out of which 7 are autonomous and the others are subordinate to faculties, 37 research centres and 3 research institutes. The infrastructure of UCV is adequate (1 main building, 5 campuses, 12 halls of residence, more than 300 lecture theatres and seminar rooms, 255 laboratories, 1 university library and 14 individual libraries, 4 R&D units, 1 university club, etc.; qualified staff (946 teaching staff members and 215 non-teaching staff members, and 796 administrative and maintenance staff members assuring the quality of the services provided for students (17,052) and for society.*

*The first higher education institutions in Craiova, organized after the passing of the 1947 law, were: The Faculty of Agronomy, in 1947; The Agronomic Institute, in 1948; The Technical Institute, in 1951; the 3-Year Pedagogical Institute, in 1959. All these institutes constituted the University of Craiova, according to the Decision of the Ministers Council, no. 894/August 27, 1965 (published in the Official Bulletin no. 2 of the Socialist Republic of Romania, dated September 10, 1965).*

*The Faculty of Agronomy - University of Craiova is one of the oldest institutions of higher education in Romania, over time is concerned with ensuring an effective education, oriented society useful specialization. Currently, the Faculty of Agronomy in Craiova is a modern educational institution which carries out all forms of higher education. The number of students registered in our faculty in the academic year 2021/2022 is 1108.*

*In order to improve the education process, a special interest was laid upon the reformation of the higher education in accordance with the European Union regulations and the development of the cooperation and collaboration with other academic institutions in the country and abroad, within the European and extra-European area.*

*We hope we will all have a memorable and scientifically stimulating meeting in Craiova and we look forward to meeting you here in November 2023.*

**Welcome to Craiova, Romania!**

**19<sup>th</sup> ANNUAL MEETING**  
**"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**  
**2<sup>nd</sup>-3<sup>rd</sup> November 2023, Craiova – ROMANIA**

**ORGANIZING COMMITTEES:**

**Meeting Chairmans**

Prof. dr. eng. habil. Aurel Liviu OLARU, Dean of the Faculty of Agronomy, University of Craiova, Romania  
Prof. dr. eng. Dušan ZIVKOVIĆ, Dean of the Faculty of Agriculture, University of Belgrade, Serbia

**Meeting Co-Chairmans**

Assoc. Prof. dr. Mariana NICULESCU, Vice-Dean of the Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. Zoran PRŽIĆ, Faculty of Agriculture, University of Belgrade, Serbia

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Prof. Multiple Dr. H. C. Stefano GREGO, Honorary President of ESNA, World Agricultural Heritage Foundation - Chairman of Scientific Committee, Deputy Director of CIRPS, Italy  
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Prof. dr. Pierre FRENDU, Côte D'Azur University, Nice, France  
Prof. dr. Mariana CASARI PARREIRA, School of Agrarian and Environmental Sciences, University of the Azores, Portugal

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 Dr. Selin Yabaci KARAOĞLAN, Adana Science and Technology University, Faculty of Engineering and Natural Sciences, Turkey  
 Dr. Gurveen Arora, Indian Council of Forestry Research and Education Dehradun, Uttarakhand, India  
 Dr. eng. Seda ERKAN BUĞDAY, Food and Agriculture Vocational School, Forestry Department, Çankırı, Turkey  
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 Prof. dr. eng. habil. Ion SĂRĂCIN, Faculty of Agronomy, University of Craiova, Agricultural and Forestry Sciences Academy "Gheorghe Ionescu Șişești", Romania  
 Prof. dr. eng. Marin SOARE, Faculty of Agronomy, University of Craiova, Romania  
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 Prof. dr. eng. habil. Elena ROȘCULETE, Faculty of Agronomy, University of Craiova, Romania  
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 Prof. dr. eng. habil. Petre SĂVESCU, Faculty of Agronomy, University of Craiova, Romania  
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 Assoc. Prof. dr. eng. Mihai CICHI, Head of Department, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. habil. Rodica SOARE, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Emilia CONSTANTINESCU, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Ilie Silvestru NUȚĂ, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Mugurel COLĂ, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Radu Lucian PÂNZARU, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. Magdalena KOLEVA Episkop "Konstantin Preslavsky" University, Shumen, Bulgaria  
 Assoc. Prof. dr. Branimir NJEŽIĆ, Faculty of Agriculture, University of Banja Luka, Republic of Srpska - Bosnia and Herzegovina  
 Assoc. Prof. dr. Dragan STANOJEVIĆ, Faculty of Agriculture, University of Belgrade, Serbia

#### **SECRETARY COMMITTEE**

Assoc. Prof. dr. eng. Paula IANCU, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Dorina BONEA, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Cătălin Viorel POPESCU, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Cristian POPESCU, Faculty of Agronomy, University of Craiova, Romania  
 Assoc. Prof. dr. eng. Gabriel BĂDESCU, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Alina Marilena PRIOTEASA, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Mihaela BĂLAN, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Florica COLĂ, Faculty of Agronomy, University of Craiova, Romania  
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 Junior Lecturer dr. eng. Mirela PARASCHIVU, Faculty of Agronomy, University of Craiova, Romania  
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 Junior Lecturer dr. eng. Marin DOBRE, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Mihai SUSINSKI, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Cristian VASILE, Faculty of Agronomy, University of Craiova, Romania  
 Junior Lecturer dr. eng. Marius Nicolae CIOBOATĂ, Faculty of Agronomy, University of Craiova, Romania

## KEYNOTE SPEAKERS:



**Prof. dr. Pierre FRENDO**  
CÔTE D'AZUR UNIVERSITY, NICE, FRANCE



**Prof. dr. Mariana CASARI PARREIRA**  
UNIVERSITY OF THE AZORES,  
SCHOOL OF AGRARIAN AND ENVIRONMENTAL  
SCIENCES, PORTUGAL



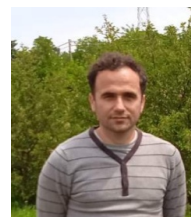
**Prof. dr. Dragan RADIVOJEVIĆ**  
BELGRADE UNIVERSITY,  
FACULTY OF AGRICULTURE, SERBIA



**Prof. dr. Miljan CVETKOVIĆ**  
UNIVERSITY OF BANJA LUKA,  
FACULTY OF AGRICULTURE,  
REPUBLIC OF SRPSKA - BOSNIA AND HERZEGOVIA



**Vice-Rector, Prof. dr. Rositsa DAVIDOVA**  
EPISKOP "KONSTANTIN PRESLAVSKY" UNIVESRITY,  
SHUMEN, BULGARIA



**Prof. dr. Boban DJORDJEVIC**  
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FACULTY OF AGRICULTURE, SERBIA



**Prof. dr. Belgin SÜSLEYİCİ**  
MARMARA UNIVERSITY, TURKEY



**Assoc. Prof. dr. Branimir NJEŽIĆ**  
UNIVERSITY OF BANJA LUKA,  
FACULTY OF AGRICULTURE,  
REPUBLIC OF SRPSKA - BOSNIA AND HERZEGOVINA



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**SHUMEN, BULGARIA**



**Assoc. Prof. dr. Dragan STANOJEVIC**  
**BELGRADE UNIVERSITY**  
**FACULTY OF AGRICULTURE, SERBIA**

## GENERAL INFORMATION

### Conference venue

**The 19<sup>th</sup> 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: alinapri76@gmail.com or medelete@yahoo.com.

**Conference registration: deadline October 27<sup>th</sup> 2023**, please, return the **REGISTRATION FORM** to the meeting scientific secretary:

e-mail address: [agronomie\\_cv@yahoo.com](mailto:agronomie_cv@yahoo.com);

Phone: +40-251-41 84 75;

Fax: +40-251-41 84 75

### Working Groups of the Conference:

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

Working Group 2: Soil Sciences;

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

Working Group 4: Management, Agriculture mechanization and Cadastre.

### Participation fee:

- **300 RON** for the Romania participant, physically present;
- **200 RON** for the Romania accompanying person, physically present;
- **70 de Euro** for the foreigner participant, physically present;
- **40 de Euro** for the foreigner accompanying person, physically present;

### PAYMENT INFO (FOR RON):

BY BANK TRANSFER AT THE FOLLOWING ACCOUNTS:

Beneficiary: ASOCIATIA 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: ASOCIATIA CONSAGRO CRAIOVA

Address: 19 Libertatii Street, CRAIOVA

FN CRAIOVA FN DOLJ RO

Name of Bank: Banca Transilvania

IBAN Code: RO68BTRLEURCRT00N9886301

WITH THE SPECIFICATION: "DURABLE AGRICULTURE–AGRICULTURE OF THE FUTURE" CONFERENCE FEE, FACULTY OF AGRONOMY

THE FEE DOES NOT INCLUDE THE BANK TRANSFER FEE

The participation fee includes:

- Conference information material including the Books of Abstracts;
- *publication for two papers in our journal „ANNALES OF THE UNIVERSITY OF CRAIOVA, AGRICULTURE, MONTANOLOGY, CADASTRE SERIES,,*
- Coffee breaks;
- Lunche on 2<sup>nd</sup> November;
- Gala dinner.

The participation fee **does not include:** accommodation

**The organizers do not provide hotel reservations.**

Please consult hotel vacancies:

**Hotels:**

Hotel PARC	<a href="http://www.hotelparc.go.ro">http://www.hotelparc.go.ro</a> Tel.: +40 251 417 257
Hotel EUROPECA	<a href="http://www.hoteleuropeca.ro/">http://www.hoteleuropeca.ro/</a> Tel: +40 751 224 794 Fax: +40 251 419 586
Hotel RAMADA PLAZA	<a href="http://www.ramadaplazacraiova.ro/eng/">http://www.ramadaplazacraiova.ro/eng/</a> Tel. : + 40 351 100 200
Hotel BAVARIA	<a href="http://www.hotel-bavaria.ro/">http://www.hotel-bavaria.ro/</a> office@hotel-bavaria.ro hotel-bavaria@yahoo.com Tel.: +40 251 414 449

## ARRIVING IN/DEPARTURE FROM CRAIOVA

### By air

Your place of arrival in Romania will be most likely the International Airport Craiova (<http://www.aeroportcraiova.ro/>) or "Henri Coandă" International Airport near Bucharest. 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. 72 Lei (14,5) EUR. The first class ticket for rapid train costs 106 lei (21,5 EUR).

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

### By car

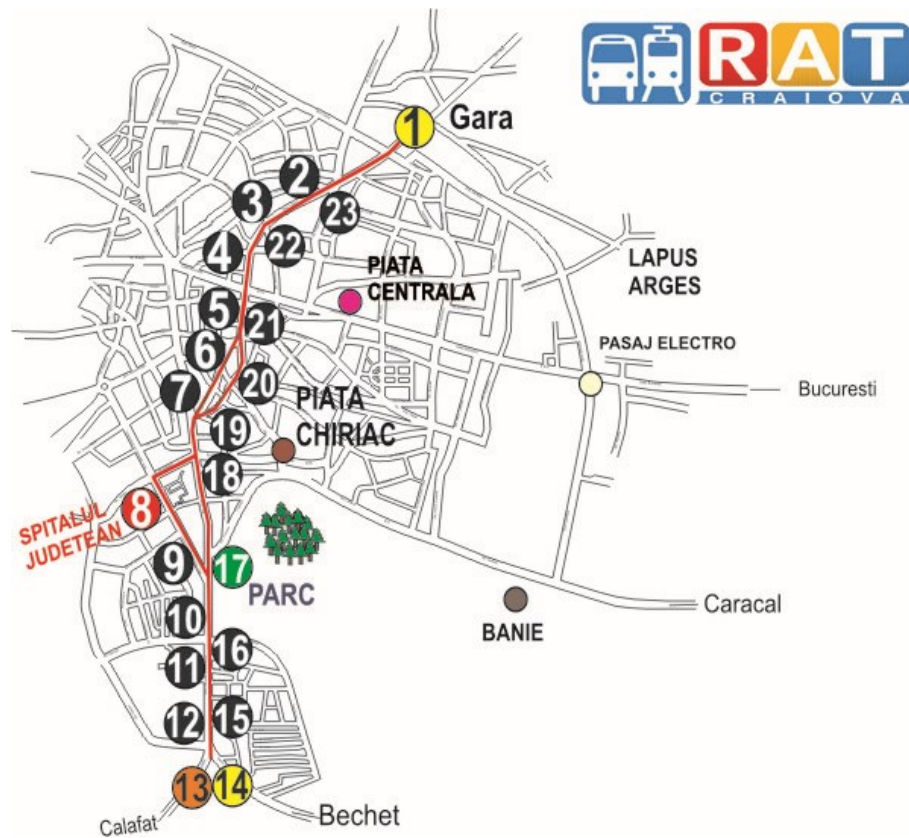
The trip by car to CRAIOVA is very nice and easy. Navigation coaches are not difficult if you have a [route map of Romania](#).

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) (2 Euro). 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 1,99 lei/km and 2,29 lei/km (about 2,18 EUR). Starting price is about 1,99 lei 2,51 EUR). Phone numbers: 0251- 953; 0251-542 727; 0722 142 727

**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 15-20° 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 = 4.9310 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**  
**19<sup>th</sup> ANNUAL MEETING "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**  
**2<sup>nd</sup>-3<sup>rd</sup> November 2023, Craiova, ROMANIA**

**Abstract**

At the meeting it is possible to present ORAL CONTRIBUTION (max. duration 15 min), or POSTERS (maximal size: width 90 cm, height 70 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](mailto: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), first name and family name of author(s), institution (affiliation) and full mailing address of authors, Corresponding author email, Key words, text of the abstract. **The work will be edited using MS Word 2010-2016.**

**Paper Title:** edited in capitals, edited in Arial, 14 point font, alignment centered. The title should describe the article's content clearly and precisely.

**Authors:** one space row down from the paper title, edited in Arial, 12 point font, bold, alignment centered, as follows: author's first name in small letters followed by family name in capitals. If there are more authors than one and belonging to various institutions, they have to be marked by (1), (2), (3) etc. superscript for identifying the institutions they belong to (if all authors belong to one institution, they will be not marked). **Each work can have a maximum of 6 authors.**

**Institution:** one space row down from the authors' name, edited in Arial, 11 point font, italic, alignment text Right. The institutions will be marked by (1), (2), (3) etc. superscript, as mentioned before for authors. The institution will be followed by the address: number, street, locality, country, e-mail address.

**Corresponding author email:** Please, mention the Corresponding author email, at one space row down from the name of institutions, edited in Arial, 11 point font, bold, small letters, alignment centered.

**Key words:** one space row down from the abstract text, edited in Arial 11, as follows: Key words: edited in bold and italic characters, next two points and then maximum 5 representative words in alphabetical order in italics, no bold, alignment left. The text should be typed using MS Word 2010-2016, edited in Arial, 12 point font, alignment Justify (as informative as possible), space row down from the Key words, according to the following example:

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Working group N° 2 (oral presentation/poster)

**SOIL ANALYSIS AND INTERPRETATION FOR ESTABLISHING  
TOMATO CROP**

**Cătălin Viorel POPESCU(1) and Maria DINU(2)**

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*(2) University of Craiova, The Faculty Horticulture, The Department of Horticulture and Food  
Science, 13 A.I. Cuza Street,200858, Craiova, Romania,  
E-mail: [dinumariana@hotmail.com](mailto:dinumariana@hotmail.com)*

**Coressponding author: [catalin.popescu@gmail.com](mailto:catalin.popescu@gmail.com)**

**Key words:** *Solanum lycopersicum L., soil analysis, soil properties, weak alkaline soils*

**Abstract**

Tomatoes (*Solanum lycopersicum L.*), are one of the most consumed species in the world. Their fruits have a high vitamin, mineral salts and oligoelements content, as a good human health support. Can be consumed as fresh products or processed as juice, sauce or ketchup.

Due to these properties, the way their harvests are obtained have to be managed properly. The study aimed to emphasize the importance of the soil analysis in order to establish an open field tomato crop. Thee trial was established in 2018 in Hanu Conachi, Galați department (45°35'8"N27°36'12"E).

There are presented observations and measurements on the soil content of the available macro-and micronutrients compared to the total nutrient content, for the establishment of the tomato crop. It can be observed that, for weak alkaline soils, the total phosphorous content versus the available phosphorous is 25 -30 times higher, due to the blockages with the soil cations.

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We ask you to send the abstract until the dead line, in order to edit the abstracts volume.

## **PROCEEDINGS**

The Proceedings will be published in a special issue of the „**ANNALS 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.

This journal are indexed by CABI (Centre for Agriculture and Biosciences International), Index Copernicus, ProQuest, Bielefeld Academic Search Engine (BASE), Google Scholar, Ulrich's Periodicals Directory, CiteFactor, Scinapse, DOAJ, Journal Guide – American Journal Experts, Bielefeld Academic Search Engine (<https://anale.agro-craiova.ro/index.php/aamc/index>).

**A participant it is allowed to present a maximum of 2 (two) papers as unique or the first author, from which obligatory one paper will be presented on public session or poster session.**

**The dead line for sending the full paper is 1<sup>st</sup> November 2023. The registration form, the abstract and the full papers will be sent using the conference website but also to e-mail address: [agronomie\\_cv@yahoo.com](mailto:agronomie_cv@yahoo.com)).**

**PAPERS EDIT INSTRUCTIONS** (can be found on the web site of journal-<https://agriculturadurabila.ucv.ro/instructions-for-authors/>)

Papers will be written in English, with a strong recommendation for a number of 6 to 12 pages, in Template Form in 2 columns (including tables, figures, and references). The work will be edited using MS Word 2010-2016.

**Page setup:** A4 (210 x 297), Margins Top 2 cm, Bottom 2 cm, Right 2 cm, Left 2 cm, Header 1 cm, Footer 1.5 cm, Gutter 0 cm, Gutter position: Left.

**Paper Title:** edited in capitals, edited in Arial, 14 point font, alignment centered. The title should describe the article's content clearly and precisely.

**Authors:** one space row down from the paper title, edited in Arial, 12 point font, bold, alignment centered, as follows: author's first name in small letters followed by family name in capitals. If there are more authors than one and belonging to various institutions, they have to be marked by (1), (2), (3) etc. superscript for identifying the institutions they belong to (if all authors belong to one institution, they will be not marked).

**Each work can have a maximum of 6 authors.**

**Institution:** one space row down from the authors' name, edited in Arial, 11 point font, italic, alignment text Right. The institutions will be marked by (1), (2), (3) etc. superscript, as mentioned before for authors. The institution will be followed by the address: number, street, locality, country, e-mail address

**Corresponding author email:** Please, mention the Corresponding author email, at one space row down from the name of institutions, edited in Arial, 11 point font, bold, small letters, alignment centered.

**Abstract:** one space row down from the name of corresponding author, edited in Arial 11, bold, alignment left. The text will be typed at one space row down from the name **Abstract**, edited in ARIAL, 11 point font, italic, alignment justified, and minimum 100 and maximum 250 words. The abstract will concisely summarize the content of the paper and will clearly tell the reader what information (s)he can expect to find in the paper. The abstract will end with a comment on the significance of the results or a brief conclusion.

**Key words:** one space row down from the abstract text, edited in Arial 11, as follows: Key words: edited in bold and italic characters, next two points and then maximum 5 representative words in alphabetical order in italics, no bold, alignment left

The text should be typed using MS Word 2010-2016, edited in Arial, 12 point font, alignment Justify (as informative as possible), space row down from the Key words.

Text columns must follow the equal column width option checked, Width: 81.2 mm, Spacing: 7.5 mm. It is very important that on the last page of the document, the two section columns should be equal in height. To make your work easier and to edit your work correctly you can use the Template Full Paper model as a guide.

**Subchapters:** INTRODUCTION, MATERIALS AND METHODS, RESULTS AND DISCUSSIONS, CONCLUSIONS, ACKNOWLEDGEMENTS AND REFERENCES will be edited in ARIAL 12, bold, alignment left, at one space row down from the text.

## **Acknowledgements**

This paragraph is optional (if it is not necessary, this paragraph could be omitted) and is dedicated to thank you messages addressed to authorities, institutions or persons which have supported or provided the data collection and processing, organization of experiments, financial support etc.

The text will be edited at one space row down from ACKNOWLEDGEMENTS, in ARIAL 12, no indentation (the row starts right from the left margin), alignment justified.

## **References**

In this paragraph, the studied bibliography and cited in the text will be mentioned. It is advisable to cite the most recent papers that are relevant to your work.

References will be edited at one space row down from REFERENCES, in ARIAL 12, no indentation hanging 0.5 cm, alignment justified. The references must be written in alphabetical order by authors' names in APA style (<https://courses.lumenlearning.com/boundless-writing/chapter/apa-citations-and-references> or use the Google Scholar at <https://scholar.google.com> to generate APA citation style for a specific article).

#### IMPORTANT INFORMATIONS

- the whole responsibility for the accuracy of the calculations, experimental data and scientific interpretations, as well as for the accuracy of the English text belongs entirely to the author(s);
- submission of the paper implies that it is an original article and is not under consideration for publication elsewhere;
- if you use someone else's words, ideas or results, it is important refer to the original source;
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#### POSTER PRESENTATION CONDITIONS:

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

### GENERAL PROGRAMME 2<sup>nd</sup>-3<sup>rd</sup> November 2023 Craiova, ROMANIA

Date	Event	Location
Thursday 2.XI.2023	Registration (09.00-10.00)	Faculty of Agronomy (19 Libertății street)
	Opening Ceremony (10.00-10.45)	Aula "Alexandru Buia" - Faculty of Agronomy (19 Libertății street)
	Cultural moment (10.45-11.00)	A bit of culture "November waltzes"
	Plenary Session (11.00-14.00)	Aula "Alexandru Buia" - Faculty of Agronomy ✦ Invited Speakers: ➤ Prof. dr. Pierre FRENDO, CÔTE D'AZUR UNIVERSITY, NICE, FRANCE ➤ Prof. dr. Mariana CASARI PARREIRA, UNIVERSITY OF THE AZORES, SCHOOL OF AGRARIAN AND ENVIRONMENTAL SCIENCES, PORTUGAL ➤ Prof. dr. Dragan RADIVOJEVIĆ, FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE, SERBIA ➤ Prof. dr. Miljan CVETKOVIĆ, FACULTY OF AGRICULTURE, UNIVERSITY OF BANJA LUKA, SERBIA ➤ Prof. Rositsa DAVIDOVA, PhD, Vice-Rector, SHUMEN UNIVERSITY, BULGARIA ➤ Prof. dr. Boban DJORDJEVIC, FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE, SERBIA ➤ Prof. dr. Belgin SÜSLEYİCİ, MARMARA UNIVERSITY, TURKEY ➤ Assoc. Prof. dr. Branimir NJEŽIĆ, FACULTY OF AGRICULTURE, UNIVERSITY OF BANJA LUKA, SERBIA ➤ Assoc. Prof. dr. Dragan STANOJEVIC, UNIVERSITY OF BELGRADE, FACULTY OF AGRICULTURE, SERBIA ➤ Sen. Lect. Magdalena KOLEVA, PhD., SHUMEN UNIVERSITY, BULGARIA
	Lunch (14.00-15.00)	Faculty of Agronomy, 1st floor
	Working Groups Sessions (15.00-18.30)	Faculty of Agronomy (Aula "Alexandru Buia")
	Poster Session (17.00-18.30)	Faculty of Agronomy, (Aula "Alexandru Buia")
Gala dinner (19.00-24.00)	" University House" Restaurant, 57 Unirii street, Craiova	
Friday 3.XI.2023	Conclusions; Closing Ceremony	Faculty of Agronomy (Aula "Alexandru Buia")

The final schedule of the scientific sessions, lectures and posters, will be provided during the registration. The sessions of Working Group Sessions will be organized by the chairpersons of Working Groups.

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

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

**Deadlines:**

- **Conference registration: 27<sup>th</sup> October, 2023**
- **Submission of abstract: 27<sup>th</sup> October, 2023**
- **Submission of full papers (max. 2 for first author, 1<sup>st</sup> November 2023)**

**NEW! It will be publish only the essays that have an oral presentation or a poster.**

## Tourist Objectives in Craiova

• The oldest construction in Craiova which was kept as testimonial is *Coșuna Monastery* - Older Bucovat, but from all the initial ensemble, only the church is preserved today. Even if the stone inscription indicates the following date: 3 of December 1572, an older cartography sustains that the monastery was built 1483. In terms of architectural style, the church was built in mountainous style, characterized by the synthesis of popular autochthon elements and Byzantine elements.



• "*Jitianu*" Monastery, is considered the foundation of Serban Voievod (1654-1658). Churches in Brancovenesc style: Saint Ilie – built in 1720 by the boyar Ilie Oteteliseanu and the higher chapmen of the city (painted by the artist C. Lecca, between 1840-1841, restored in 1893, the actual painting being the one executed by Ghe. Ioanid and Ghe. Tatarescu), Church of all Saints (1700), Old St. Gheorghe Church (1730), Monastery Obedeanu (1747), Church Mantuleasa (1786), Church Saint Nicolae (1794).



• *The Metropolitan Bishopric of Oltenia*, was built by Matei Basarab in 1652. Affected by the earthquake from 1840, the church was closed until 1889, when the restoration work began under the leadership of the architect Andre Lecomte de Nouy which built from the groundwork the actual construction, without complying with the old style.



• *Baniei's Home*, the oldest building which exists today in the city, dating from 1699. Restored by Constantin Brancoveanu, Baniei's Home has two levels, with rooms with bolts of brick, with rooms and thresholds upstairs. Was built by old handed architects of the regnant, in a popular style. Here used to be held Craiova's divan, and in the time of Austrian occupation it was the residence for the prevailfogs. After this the building was successive: for Murtaza Pasa (1737-1739), private home for the bishop, first local school in Craiova (1750), premise for the High Court, local school - Gymnasium Brothers Buzesti (1896-1914) and normal school of mistresses, premise for Oltenia' Museum (1934-1948) and for the ward of ethnography (from 1967).



• "Jean Mihail" Palace (the actual Museum of Art), is located in the sumptuous palace of the former magnate Jean Mihail. Built between 1899-1907, according to the plans of the French Paul Gottereau, the palace represents, stylistically, a rather free interpretation of the late baroque.



• Vorvorenilor's Home – present residence of the Oltenia's Metropolitan – is a palace built after the plans of the architect D. Maimarolu; he presents the late influence of the French Renaissance, characterized by attic roofs, a multitude of ornaments and richly decorated interiors.



• The University - the former Palace of Justice, was designed in 1890 by the architect Ion Socolescu and it is an illustration of the neoclassicism in architecture.



• Another distinct construction is the former Bank of Commerce, now City Hall of Craiova. Designed by the architect Ion Mincu, was finished in 1916 by his student or Constantin Iotzu. The building has a rich decorated interior, with set off ornaments, stained glasses, Venetian mosaic and lattices from cast iron.



• An interesting, vigorous construction with architectural, popular characters is the former Administrative Palace, today headquarters for the Prefecture and the Council of Dolj. Creation of the architect Petre Antonescu this building was realized between 1912-1913.



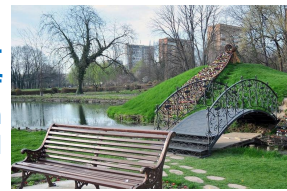
• After the 1-st World War, on stylistic plan remains the by affirmation of the national elements in art. In Craiova of this period was built so-called White House (on one side of the central garden – English Park – realized in London square style), after the plans of the architect Constantin Iotzu. From the contemporary achievements we have to mention the new edifice of the National Theatre inaugurated in 1973.



• Another attraction point of Craiova is "Nicolae Romanescu" Park, unique in Romania and one of the most interesting achievements of this type from Europe. The project, creation of the French architect E. Redont, received the Gold Medal at the International Exhibition from the Paris, in 1900. The total area of the park consists in over 96 ha of plantation (trees, lawns, shrubs), a stretch of water of 4 ha, a racecourse of over 20 ha, roads, avenues and pathways on a stretch of 35 km. There is also a zoo, where it can be seen especially species of birds, autochthon animals and foreign also.



• Botanical Garden was arranged by the initiative of Al. Buia, in order to serve as a study base for the students from the faculties of Agronomy and Horticulture as well as recreation area. The garden has an area of 17 ha and is bordered on distinct sectors: ornamental (about 4.5 ha), systematically, the globe's flora, economically.



### *The "Marin Sorescu" National Theatre*

The Marin Sorescu National Theatre occupies a special place in the history of the Romanian theatre. Founded in 1850 by Costache Caragiale and Costache Mihailescu, it continued to function, in spite of all the convulsions characterizing the history of our nation.





***UNIVERSITY OF CRAIOVA, ROMANIA***



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