


**Summer Field School [Online] on
 MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT
 Ivano-Frankivsk Region, Ukraine: 19-28 September, 2021**

DELEGATE PARTICIPANT'S PROFILE

	<p>Dr. Cristina Mihaela Nicolescu <i>Senior Research Scientist</i> Institute of Multidisciplinary Research for Science & Technology Valahia University of Targoviste</p> <p>Targoviste, Dambovita, Romania Tel: +40-722-546-416 Email: cristina.nicolescu@valahia.ro, cristina.nicolescu.profa@gmail.com Website: www.icstm.ro</p>
<p>Highest Education</p>	<p>Chemical Engineer, PhD</p>
<p>Personal Statement</p>	<p>Dear Sirs/Madams,</p> <p>Sustainable management of the planet resources is a topic of interest for my activity in the last years, and I really appreciate your approach to organizing a summer school with this subject on its agenda. I am including herein my short biography, hoping you will find appropriate for the scope of your event.</p> <p>I am currently working as a senior research scientist, as mentioned in the above field, hold my PhD in chemical engineering from 2003 (granted by University Politehnica of Bucharest), and have more than 25 years work experience in research and education, in national and international environments. I also hold certifications of Romanian Education and Labor Ministries as an expert for environmental audit and management, project manager, and trainer of trainers. Together with my regular research and teaching activity, I carry out activities as scientific articles and projects reviewer and evaluator, at national and international level. I acquired extended skills in analytical instrumental techniques, such as electrochemical techniques (potentiometry, conductometry, coulometry, electrophoresis) and optical techniques (X-ray diffraction, absorption spectrometric techniques - atomic (AAS) and molecular - ultraviolet-visible (UV-VIS), infrared (FTIR) -, as well as Raman spectroscopy), and also some sample preparation</p>

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	<p>techniques (digestion by heat, ultrasounds, microwaves, solvents extraction, etc). Here there are some of my results: member/coordinator in 14 research projects, 8 books/chapters in national/international publishing houses, 30 ISI articles, more than 40 works in scientific conferences; 15 years experience in writing/implementing/ex-post evaluation of EU projects (15 implemented).</p> <p>Expertise in: analytical instrumentation and methods development, food and environmental chemistry, advanced materials.</p>
Paper/Presentation Title (Unpublished Research or Review or Field Work)	<i>From Green Deal to Green Choices: Research and Innovation for People, Regions and Planet</i>
Keywords	Organic farming; Sustainable consumer choices; Laboratory and on-field research; Vineyards; Instrumental analysis
Abstract (100-300 words)	<p>The last decades research and innovation worldwide on organic farming provided an exhaustive knowledge on its benefits for humans and planet. Complementary, an intensive public communication was done on organic farming and its advantages for people's health, environmental and economic gains. Consequently, recent statistics show an increase of the land areas under organic farming, and an increase of the retail sales in the last 10 years. However, further research is needed to make organic farming more productive and sustainable.</p> <p>At the European Union level, the Green Deal adopted in 2020 plans to boost the organic farming, aiming at achieving a 25% of total farmland under organic farming by 2030. First steps were done by adopting corresponding strategic documents (<i>i.e.</i> From Farm to Fork Strategy) and by allocating specific funding (<i>i.e.</i> Horizon Europe).</p> <p>The paper will review research and innovation actions needed in the field of organic farming, considering the current context of legislation and statistics, and will offer a summary of relevant funding opportunities. The perspective of adding value by matching the local/regional needs with selection of the research topics will be discussed, together with some practical examples.</p>

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	<p>Results obtained by the Romanian authoring team research in the field of use and re-use of red grapes produced in organic vineyards will be included and discussed, in relation with advantages and complementarity of the analytical instrumental analysis applied.</p>
<p>More Information (weblinks)</p>	<p>http://www.fao.org/organicag/oa-home/en/ https://ec.europa.eu/info/food-farming-fisheries/farming/organic-farming_en https://www.sciencedirect.com/topics/earth-and-planetary-sciences/organic-farming https://www.mdpi.com/2223-7747/9/11/1470, http://www.josa.ro/en/index.html?http%3A http://www.josa.ro/en/josa.html ORCID 0000-0002-6286-1303, Brainmap: U-1700-034M-9860</p>