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<https://iuls.ro/agricultura/en/department-of-pedotechnics/> |

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WORK EXPERIENCE

07/2023 – CURRENT Iasi, Romania

PROFESSOR, PH.D. IULS - IASI UNIVERSITY OF LIFE SCIENCES

- Soil management
- Agronomy
- Soil physics

Department Pedotechnics | **Website** <https://iuls.ro/agricultura/en/department-of-pedotechnics/>

03/2020 – CURRENT IASI, Romania

DEAN OF FACULTY OF AGRICULTURE IULS - IASI UNIVERSITY OF LIFE SCIENCES

- academic leaders of colleges*;
- representatives of their colleges to the rest of the University, especially University administration.
- representatives of University leadership to their colleges;
- managers of college resources; and,
- representatives of the college and University to external bodies.

09/2018 – 07/2023 IASI, Romania

ASSOC. PROF., PHD IULS - IASI UNIVERSITY OF LIFE SCIENCES

- Implement and lead applied research and educational programs on sustainable agricultural and conservative tillage systems

05/2016 – 04/2023 CRAIOVA, Romania

AGRICULTURAL INSPECTOR ON ORGANIC FARMING ROMANIAN MOVEMENT FOR QUALITY (MRC)

09/2014 – 08/2018 IASI, Romania

LECTURER, PH.D. IULS - IASI UNIVERSITY OF LIFE SCIENCES

2010 – 2014 Iasi, Romania

ASSISTANT, PH.D. IULS - IASI UNIVERSITY OF LIFE SCIENCES

2010 Romania

SEED PRODUCTION AGRONOMIST PIONEER HI-BRED SEEDS AGRO SRL, DN 2, KM 19.7 O.P AFUMATI, ILFOV, 77010

Managing of seed field production of corn and sunflower



EDUCATION AND TRAINING

2011 – 2013 IASI, Romania

POSTDOCTORAL RESEARCHER - " THE MANAGEMENT OF CROP RESIDUES AT THE SOIL SURFACE, A KEY FACTOR IN MITIGATING THE EFFECTS OF DROUGHT AND MAXIMIZING PRODUCTION", GRANT ID 89/1.5/S62371 USAMV (IULS) - Iasi University of Life Sciences, ROMANIA

01/2005 – 04/2010 IASI, Romania

DOCTORATE DEGREE - (SERIAL NUMBER H / 0004246) - THE INFLUENCE OF UNCONVENTIONAL TILLAGE SYSTEMS ON THE PRODUCTIVE PROPERTIES OF THE SOIL" USAMV (IULS) - Iasi University of Life Sciences

Website http://www.uaiasi.ro/ro/files/doctorat/2010/2010_apr_Topa_Denis-Constantin_en.pdf

2006 IASI, Romania

MASTERS DEGREES - AGRICULTURAL MANAGER DIPLOMA (SERIAL NUMBER E / 0038313), FACULTY OF AGRICULTURE USAMV (IULS) - Iasi University of Life Sciences

2004 IASI, Romania

BACHELOR'S DEGREE IN AGRONOMY - AGROMONTANOLOGY, FACULTY OF AGRICULTURE (SERIAL NUMBER D/0023152) USAMV (IULS) - Iasi University of Life Sciences

2001 IASI, Romania

COLLAGE DIPLOMA - LANDSCAPE DESIGN USAMV (IULS) - Iasi University of Life Sciences

1997 IASI, Romania

HIGH SCHOOL DIPLOMA - FINANCE - ACCOUNTING Economical Collage no.1

ADDITIONAL INFORMATION

TRAININGS

07/2003 – 09/2003

Residential course and practical training in Field Crop Institute Justus von Liebig – Giessen, GERMANY - D.A.A.D. scholarship

research activities in experimental farm and university labs

05/2006 – 10/2006

Residential course in Soil Sciences Institute - Justus von Liebig – Giessen – Germany, Socrates – Erasmus scholarship

specific research activities

03/2008

Training in soil sample assay at Eijkelkamp – Netherlands

01/2014

Training in Soil Sciences Institute – Christian Albrechts – Kiel, Germany

11/2014

Training SPECTRA plus – Bruker AXS Training Center – Karlsruhe, Germany,

04/2017

Training in soil sample assay and soil physical analyses at Eijkelkamp - Netherlands

Write here the description...

08/2023

Training in X-ray fluorescence (XRF) - WEBSTER (HOUSTON) - TEXAS, USA - OLYMPUS



PARTNERSHIPS IN RESEARCH PROGRAMS:

2018 – 2023

Grant no. 4/AXA 1/1.2.3G/05.06.2018 – POC - Partnerships for knowledge transfer , Establishment and implementation of partnerships for knowledge transfer between the ICAM IASI and the agricultural economic environment – AGRIECOTEC (2.698.369 Euro)

Link www.agriecotec.ro

Research Grant 19491/13.12.2016

Research on soil fertility status as a result of the application of different agricultural technologies at SC Agricola 96 SA Țigănași – Romania. Responsible for research, administrative and financial management of the project. – 15.000 euro.n...

Research Grant 5530/25.04.2013

Management of crop residue on soil surface, key factor in mitigating the effects of drought and yield maximizing, - Responsible for research, administrative and financial management of the project. – 30.000 lei.

POSCCE contract 247 – I.C.A.M. “Agriculture and Environment Research Institute”,

value 42.860.000 lei / acquisitions coordinator. (10.000.000 euro)

POSDRU contract 86/1.2/S/62723

University network for on-line collaboration to develop the capacity to provide abilities and competitively for the labor market 8.690.143 lei. / Responsible for the development of digital materials.

CEEX: contract 152/2006 - BIOTECH, MEDC

390.000 lei – Products and technologies to promote and sustainable system and for the protection of agro-ecological resources in Moldavian Plateau MODOPROTEH – coworker.

CEEX contract: 1012/2006 – MENER

50.000 lei – The impact of hydro-climatic and geo-morphological risks on landscape in Barlad catchment. AMCOSOL- coworker.

CEEX contract: 44/2005 - BIOTECH

1.350.000 lei – The improvement, conservation and capitalization of degraded soils by human intervention in heal area agroecosystems, for increasing the quality of life and to protect the environment AMCOSOL- coworker

CEEX contract 14/2005 – AGRAL

The assessment of machineries for mechanization of the soil tillage in NE of Romania lined up to sustainable agriculture concept - coworker

AFFILIATION TO PROFESSIONAL ASSOCIATION

National Society for Soil Sciences – Romania, since 2005

International Union of Soil Science (IUSS), since 2005

European Society for Soil Conservation – ESSC, since 2006

BENA – Balkan Environmental Association, since 2018

Association of Food Industry Specialists from Romania, from 2021

SELECTIVE LIST OF PUBLICATIONS

1. Țopa D., Cara Irina Gabriela*, Jităreanu G., 2021 - Long term impact of different tillage systems on carbon pools and stocks, soil bulk density, aggregation and nutrients: A field meta-analysis.



<https://doi.org/10.1016/j.catena.2020.105102>.

Catena, vol .199. WOS:000608022600018 (FI 6.367).

Cara Irina Gabriela*†, Țopa D.*†, Raus L.*, Calistru Anca Elena, Filipov F., Jitareanu G., 2021 -

Selective and Sensitive Quantification of Acetochlor and S-Metolachlor in Maize and Soybean Plant Samples by Gas Chromatography-Tandem Mass Spectrometry. MDPI, vol - Agriculture.

(†These authors contributed equally to this paper). WOS:000642620800001, (FI 3.408)

<https://doi.org/10.3390/agriculture11040283>

Cara Irina Gabriela, Topa D*, Puiu, I, Jitareanu, G., 2022 - Biochar a promising strategy for pesticide-contaminated soils, Agriculture-Basel, Volume12, Issue10, DOI10.3390/agriculture12101579, WOS: 000874171300001 (FI 3.408).

Filipov, F., Capsuna, S., Aostacioaei, T., Topa, D*, 2021 - Amplification of compaction and salinization of polytunnels soils with coarse texture after mulching with plastic foil. Scientific paper - Seria A Agronomy.

Volume 64. Issue 2. ISSN 2285-5785, WOS:000755946400005

Țopa D.*, Ailincăi C., Cara Irina Gabriela, Calistru Anca Elena, Cuconoiu Cristina, Capsuna S., Jitareanu G., 2019 - Effects of Conservative Tillage on Soil Quality and Crop Productivity in Moldavian Plateau.

PROCEEDINGS OF THE International Scientific Congress "Life sciences, a challenge for the future" (17th-18th October 2019, Iasi, Romania). Filodiritto International Proceedings. ISBN 978-88-85813-63-2, WOS: 000747623800023
