

Curriculum Vitae**Personal information**

First name(s) / Surname(s) **STRATU Anișoara**
 Address(es) 20 A Carol I, Iasi, 700506, Romania
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 Fax(es)
 E-mail anisoara_stratu@yahoo.com
 Nationality Romanian
 Gender Female

Desired employment / Occupational field "Alexandru Ioan Cuza" University of Iași, Faculty of Biology/Higher education

Work experience

Dates
 i. 2006 – to present
 ii. 2006 – 2003
 iii. 2002 – 1998
 iiiii. 1992 – 1995

Occupation or position held
 i University Lecturer
 ii. University Assistant
 iii PhD student
 iiiii. University Preparatory/Assistant

Main activities and responsibilities
 Research and Didactic activities:
 i. Training courses/specialized seminars/specialized laboratory works:
 ii. specialized courses and laboratory works
 iii. documentation and scientific research activities for the elaboration of doctoral thesis
 iiiii. specialized laboratory works

Name and address of employer
 "Alexandru Ioan Cuza" University of Iași
 Faculty of Biology

Education and training

Dates
 i. 1998 - 2002
 ii. 1985 - 1989

Title of qualification awarded
 i. Ph. D in fundamental domain – Natural Sciences, Biology, Specialty Plant Physiology
 ii. BSc in Biology

Principal subjects/occupational skills covered
 i. Physiological researches in plants
 ii. Fundamental and applied knowledge in Biology

Name and type of organisation providing education and training
 i. "Alexandru Ioan Cuza" University of Iași, Faculty of Biology, Laboratory of Plant Physiology
 ii. "Alexandru Ioan Cuza" University of Iași, Faculty of Biology - Geography - Geology, section Biology

Mother tongue(s) Romanian

Other language(s)

Self-assessment
 European level (*)

English
French

Understanding		Speaking		Writing			
Listening		Reading		Spoken interaction		Spoken production	
A1		A1		A1		A1	
B1		B1		A2		A2	

(*) *Common European Framework of Reference for Languages*

Computer skills and competences PC using, Microsoft Office

Didactic activities	<p>i. Courses/ seminars: Environmental pollution and protection Environment' s protection and sustainable development Environment and the Territorial Planning Bases on environmental protection; School - driven Curriculum: projection, implementation, evaluation</p> <p>specialized laboratory works: Field practice in Plant physiology; Physiology of plant nutrition, Physiology of plant development, Bases on environmental protection; The productivity of ecosystems</p> <p>ii. courses and laboratory works: Bases on environmental protection Field practice in Plant physiology; Physiology of plant nutrition, Physiology of plant development, Bases on environmental protection, The productivity of ecosystems</p> <p>iii. documentation and scientific research activities for the elaboration of doctoral thesis</p> <p>iiii. laboratory works: Field practice in Plant physiology, Plant ecophysiology</p>
Research activities:	<p>BOOKS 1 series of 3 methodological guides in environmental education (co - author) 2 guides of laboratory work (co - author)</p> <p>Domains of competence 1. Plant physiology 2. Environmental pollution and protection</p> <p>Scientific articles: 69 56 full published ("in extenso"): - 1 ISI - 34 in Romanian journals (recognised "CNCSIS") - 15 in other reviews - 6 full published "in extenso" in proceedings of scientific meetings: - 3 abroad - 2 in proceedings of international scientific meetings (in Romania) - 1 in proceedings of national scientific meetings</p> <p>6 as summaries: - 4 abroad - 2 in proceedings of national scientific meetings</p> <p>2 articles of popular science 5 articles of history of the biology</p> <p>Projects: 9 - member in research teams: 1 international and 8 national</p> <p>Participation to scientific meetings: National: 26 International: 7</p>
Additional information	<p>Member of Scientific Societies: The Federation of European Societies of Plant Biology</p>
Annexe	

LIST OF PUBLICATIONS

BOOKS

- 1.Costică N. (coord. științific), Ciumașu E., Costică M., Stanc S., **Stratu A.**, Șurubaru B., Cozma D.,Baciu L., Meșniță G.,Grozavu A.,Cucoș C., Ceobanu C., Curelaru V.,Diac G., Ghețău R., 2007 - Guide for methodic learning in environmental education domain (EE)- version destined to those responsible of educational activity for Preuniversity Teachers Ed. Corona Iași. 119 pg (English version and version in Romanian)
2. Costică N. (coord. științific), Ciumașu E., Costică M., Stanc S., **Stratu A.**, Șurubaru B., Cozma D.,Baciu L., Meșniță G.,Grozavu A.,Cucoș C., Ceobanu C., Curelaru V.,Diac G., Ghețău R., 2007- Methodological training guide in the field of environmental education (EE)- student version .Ed. Corona Iași. 144 pg (English version and version in Romanian)
3. Costică N. (coord. științific), Ciumașu E., Costică M., Stanc S., **Stratu A.**, Șurubaru B., Cozma D.,Baciu L., Meșniță G.,Grozavu A.,Cucoș C., Ceobanu C., Curelaru V.,Diac G., Ghețău R., 2007- Ghid de formare metodică în domeniul educației de mediu (EM)- versiune destinată educatorilor din Grădini Botanice. Ed. Corona Iași.113 pg

ARTICLES

1. Ioan Manuel Ciumașu, Mihai Costică, Naela Costică, Mariana Neamțu, Alin Constantin Dirtu, Luiz Felipe de Alencastro, Liana Buzdugan, Ramona Andrieșă, Luminița Iconomu, **Anișoara Stratu**, Ovidiu Alin Popovici, Cristiana Vasilică Secu, Codrin Paveliuc Olariu, Simona Dunca, Radu Ionuț Dimitriu, Marius Ștefan, Adrian Lupu, Alina Stingaciu - Basu, Adrian Netedu, Ovidiu Gavrilovici, Mihai Talmaciu, Mioara Borza, 2012 - Complex risks from old urban waste landfills: sustainability, perspective from Iasi, Romania. *Journal of Hazardous, Toxic, and Radioactive Waste*, vol. 16 nr. 2: 158-168 Factor de impact: 0,323
(<http://www.scimagojr.com/journalsearch.php?q=26355&tip=sid>)
2. **Stratu Anișoara**, B. Șurubaru, R. Ciubotăroșie, N. Ștefan, 2011 - Ecophysiological aspects of some herbaceous species from Codrii Pascanilor forest. *Lucrări științifice USAMV, Iași, seria Agronomie*, vol. 54 : 63 – 68
3. **Stratu Anișoara**, Cărbunaru Diana Cerasela, Murariu Alexandrina, Costică Naela, 2011 - Ecophysiological characteristics in species with medicinal value from Rediu forest (Botoșani county) *Analele științifice ale Universității „Al. I. Cuza” Iași Tomul LVII, fasc. 2, s. II a. Biologie vegetală*: 71 - 78
4. **Anișoara Stratu**, Maria Magdalena Zamfirache, Alexandrina Murariu, Zenovia Olteanu, Lăcrămioara Oprică, Cătălin Tănase, Vasilică Claudiu Chinan, Ciprian Bărsan 2011 - Physiological and biochemical aspects in the macromycetes species collected from Călimani National Park (The Oriental Carpathian). *Analele științifice ale Universității „Al. I. Cuza” Iași Tomul XII, s. II a. Genetică și Biologie moleculară*, fasc. 4: 157 - 164
5. **Stratu Anișoara**, M. Peptanariu, Sârghi Violeta, Costică Naela, 2010 - Aspects regarding the behavior of the *Capsicum annum* L. species to the ultrasound treatment. *Lucrări științifice USAMV, Iași, seria Agronomie*, vol.53, nr.1: 69 - 72
6. **Stratu Anișoara**, Zenovia Olteanu, M. Peptanariu, Murariu Alexandrina, 2009 - The influence of the ultrasound treatment on some physiological and biochemical parameters in *Spinacia oleracea* L. seeds. *An. Șt. Univ. „Al. I. Cuza” Iași, seria Genetică și Biologie moleculară*, vol. X, fasc. 2: 39-42.
7. **Stratu Anișoara**, Olteanu Zenovia, Murariu Alexandrina, Costică Naela, 2009 - The influence of some heavy metals on seed germination and seedling growth at *Festuca pratensis*. *An. Șt. Univ. „Al. I. Cuza” Iași (serie nouă)*, t. LV, fasc.1,s. II a. Biol. veget. : 82 – 86
8. **Stratu Anișoara**, Murariu Alexandrina, Zamfirache Maria – Magdalena, Olteanu Zenovia, Oprică Lăcrămioara, Tănase C., Chinan V. C., Bîrsan C., 2008 - Physiological and biochemical aspects in the lignicolous species *Gloeophyllum odoratum* (Wulfen) Imazeki and *Fomitopsis pinicola* (Sw.)P.Karst. (Fungi, Basidiomycota) collected from Călimani National park (the Oriental Carpathians). *An. Șt. Univ. „Al. I. Cuza” Iași (serie nouă)*, s. II a. Biol. veget. t. LIV, fasc.2 : 97-103.
9. **Stratu Anișoara**, Frențoaie Laura, Murariu Alexandrina, 2008 - The influence of some heavy metals on seed germination and seedling growth at *Raphanus sativus* L. *Lucrări științifice Univ. Agron. Med. Vet. „Ion Ionescu de la Brad”Iași, ser. Horticultură*, vol. 51 : 185 - 191
10. Murariu Alexandrina, Berechet Gianina, **Stratu Anișoara**, Irfim Camelia, 2008 - The ecophysiological peculiarities of some species of the *Acer* genus from the Botanical Garden of Iași , 2008 - *An. Șt. Univ. „Al. I. Cuza” Iași (serie nouă)*, t. LIV, fasc.2, II a. Biol. veget.: 92-97
11. Ciumașu I., M., Lupu A., Costică Naela, Netedu A., **Stratu Anișoara**, Miftode V., Ștefan N., 2008 - Integrating social perception of nature with economic development expectations in a periurban area in Iasi, România. Oral Presentations at ISEE. Applying Ecological Economics for Social and Environmental Sustainability, by the International Society for Ecological Economics (ISEE), Nairobi, – United Nations Development Program (UNEP), Kenya, 7- 11 August, 2008, section IV-4.2 Evolution, innovation and socio-ecological. (<http://www.ecoeco.org/conference08/home.php>)
12. Murariu Alexandrina, **Stratu Anișoara**, Zamfirescu O., 2006 – Ecophysiological research on some medicinal plants from Băleni Forest (Vaslui country). *Proceedings of the 4 th Conference on Medicinal and Aromatic Plants of South - East European Countries*, Iași, 28 - 31 mai 2006, Alma Mater Publishing House: 178 -182
13. Murariu Alexandrina, Costică Naela, Costică Mihai, **Stratu Anișoara**, Secu Cristian, Lupascu Angela, Moglan Ion, 2005 – The environmental impact of the wastes platform at Tomesti – Iasi (România). *Proceedings of the 5 th Anniversary International Scientific Conference Modern Management of Mine Producing, Geology and Environmental Protection, SGEM, Bulgaria*, 13 -17 iunie 2005: 241 - 248.
14. Zamfirache Maria Magdalena, Zenovia Olteanu, Ștefania Surdu, **Anișoara Stratu**, Cârdei E. – 2005, Physiological and biochemical modifications of the foliar apparatus in pear races treated against pests. *Proceedings of the Xth Symposium of the Microbiology and Biotechnology*, Iași, Ed. Corson: 521 - 528.

RESEARCH PROJECTS

1. Reconstrucția ecologică prin procedee de micoremediere a solurilor degradate de activitățile miniere - contract BIOTECH, 2006-2008
2. Ecosisteme terestre și acvatice peri-urbane din bazinul râului Cîrîc, de la nord de municipiul Iași. Centru de expertiză pentru exploatarea durabilă a ecosistemelor (CEXDUREC) – proiect CEE: 2005 – 2008.
3. Fitoremedierea solurilor poluate din aria tampon a depozitului de reziduuri menajere Tomești – Iași - grant CNCSIS, 2004-2006
4. Cercetări complementare privind reacția de răspuns a unor specii de plante spontane și cultivate la factori de mediu cu efect stresant"- grant CNCSIS, 2003 – 2005.
5. Modernizarea tehnologiei de combatere a bolilor și dăunătorilor la păr prin studiul eficacității unor pesticide în relație cu influența lor asupra proceselor fiziologice și biochimice din plante, precum și asupra unor parametri biologici din sol, în vederea obținerii unor produse de calitate superioară” - program RELANSIN, 2003 – 2004;
6. European Curriculum for methodological training in the field of EE (Ecological Education). European project *RO/05/B/P/PP175010* (2006 - 2007).

21.01.2013

University Lecturer
Anișoara STRATU