



Europass Curriculum vitae



Personal information

First name(s) / Surname(s) **Daniel BUCUR**
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Nationality Romanian
Date of birth 27 April 1963
Gender M

Work experience

Dates 1988-1990
Occupation or position held Engineer
Main activities and responsibilities Irrigation system operation
Name and address of employer Company of Operating the Land Reclamation Works (IEELIF) Neamt, Alexandru cel Bun, no. 15, Piatra Neamt
Type of business or sector Land reclamation works operation

Dates 1990 - 1994
Occupation or position held Scientific researcher
Main activities and responsibilities Scientific researches in the field of soil erosion control
Name and address of employer Central Research Station for Soil Erosion Control Perieni, Barlad-Bacau road Km 7, Vaslui County
Type of business or sector Research and development in the field of soil erosion control

Dates 2007 - present
Occupation or position held Full Professor since 2007;
PhD Coordinator since 2009;
General chancellor (2008-2012);
Director of the Doctoral School Council (2011 - 2012);
Director of Quality Assurance Department (2012-2016);
Director of Doctoral School of Engineering Sciences (2016-2020) of University of Agricultural Sciences and Veterinary Medicine in Iasi;
Present Position within the organisation:
Prof. PhD, Director of Pedotechnics Department, Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine in Iasi

Main activities and responsibilities

Teaching and scientific research
PhD thesis Coordination (7 finalized doctoral thesis)
Lectures in the field of *Crops irrigation and Soil erosion control, Land reclamation at foreign universities*: Università degli Studi di Perugia (1998); Bari (2003); Udine (2006); Université de Reims Champagne-Ardenne (2007); University of South Bohemia (2009, 2014, 2015, 2016, 2017); Akdeniz University (2010), Republic of Moldavia (2016).

Membership in editorial committees of journals: *Cercetari Agronomice in Moldova* (https://www.uaiasi.ro/CERCET_AGROMOLD/en-about_the_journal) ISSN 0379-5837 since 2006; *Lucrari stiintifice. Seria Agronomie* (<http://www.uaiasi.ro/revagrois/index.php?pagina=pagini/comitet.html&lang=en>) ISSN 1454-7414 since 2001.

Reviewer for *Pedosphere* (IF=3.188), *Journal of Hydrology* (IF=4.405), *Agronomy-Basel* (IF=2.259), *Water* (IF=2.524), *Sustainability* (IF=2.592).

Member of National Committee for Combating Desertification.

Member of the Board of Plant and Animal Resources Engineering of the NATIONAL COUNCIL FOR ATTESTING TITLES, DIPLOMAS AND CERTIFICATES - Ministry of National Education and Scientific Research - Romania - 2012 - present

Member of the National Council of Scientific Research of the NATIONAL AUTHORITY FOR SCIENTIFIC RESEARCH Bucharest - Romania - 2013 - 2016

Awards: Award in the competition PN-III-P1-1.1-PRECISI-2019-31338 for the paper Agroecology Development in Eastern Europe - Cases in Czech Republic, Bulgaria, Hungary, Poland, Romania, and Slovakia

Responsible for Development of cooperation with Justus Liebig University Giessen - Germany, Università degli Studi di Udine - Italy, Uniwersytet Rzeszowski - Poland, and University of South Bohemia - Czech Republic.

Membership and Affiliation of Scientific and Professional Organizations:

International Soil Tillage Research Organisation (*ISTRO*);

International Union of Soil Sciences (*IUSS*);

European Society for Soil Conservation (*ESSC*);

Romanian National Society of Soil Science (*SNRSS*).

Competitive Project manager:

1. *Effect of sewage sludge application on quality indices of soil vulnerable to degradation*, Bilateral Romanian - Greek. National Authority for Scientific Research (ANCS). 2006-2007.
2. *Soil erosion and conservation measures*, Bilateral Romania - Belgium, ANCS 2012-2013
3. *Qualitative evaluation and sustainable development of soil resources from the areas with drainage works*, National Council for Scientific Research in Higher Education (CNCSIS), 2007 - 2008
4. *The study of the ecological and economical implication of the capitalization on the sloping and irrigated lands in Moldova Plain*, CNCSIS, 2004 - 2006
5. *Ecological management of soil and water resources in Moldavian Plain*, IDEAS - CNCSIS, 2009 - 2011.

Key Expert

6. Eco-nanotechnologies and intelligent equipment for soil properties mapping and evaluating the dynamics of the plant in order to improve agricultural production and environmental protection. [PN-III-P1-1.2-PCCDI-2017-0560 2018 – 2020](#)

7. Innovative Technologies and equipment for implementation in irrigated agriculture of modern concept of fertigation. [PN-II-PT-PCCA-2013-4-0114 2014 – 2017](#)

Partner Team Lider

8. *Improvement, conservation and capitalization of degraded soils in agro-ecosystems from hilly areas, for increasing life quality and environment protection*, CEEX - ANCS, 2005 - 2008
9. *Products and technologies for a sustainable farming system*, CEEX - ANCS, 2006-2008
10. *Impact of hydro-climatic risks and pedo-geomorphological*, CEEX-ANCS, 2006-2008

Publications

Books: 8

Chapters in international books: 5

International books Editor (INTECH): 3

1. **Bucur D. ed., 2016** - *River basin management*, InTech, Rijeka, ISBN 978-953-51-2604-1, DOI: 10.5772/61557, 316 pages, - <http://dx.doi.org/10.5772/61557>..

2. **Bucur D. ed., 2017** - *Current Perspective to Predict Actual Evapotranspiration*, InTech, Rijeka, ISBN 978-953-51-3173-1, 114 pages. <https://www.intechopen.com/books/current-perspective-to-predict-actual-evapotranspiration>

3. **Bucur D. ed., 2019** - *Advanced Evapotranspiration Methods and Applications*, IntechOpen, London, DOI: 10.5772/intechopen.73720, 128 pages, ISBN: 978-1-78985-811-2.

Articles in ISI-quoted journals: 37, h-index 9 - Sum of Times Cited without self-citations: **163**

https://apps.webofknowledge.com/CitationReport.do?product=WOS&search_mode=CitationReport&SID=D6jpmzcyjHHxRYRYbmbB&page=1&cr_pqid=1&viewType=summary&colName=WOS

Name and address of employer University of Agricultural Sciences and Veterinary Medicine Iasi
Faculty of Agriculture / Department of Pedotehnics, M. Sadoveanu no. 3, 700490 - Iasi, Romania

Type of business or sector Higher education and scientific research

Years with the organization: 28

Education and training

Dates 1993 -1998

Title of qualification awarded Ph.D. in Land improvement - Awarded PhD for the thesis *Non-structural soil erosion control measures on sloping irrigated land in Jijia-Bahlui Depression*

Principal subjects/occupational skills covered possibilities of capitalization of the irrigated slope lands; environment protection

Name and type of organisation providing education and training Technical University Iasi

Dates 2000 - 2001

Title of qualification awarded Further education: Postgraduate (01/08/2000 - 30/01/2001)

Principal subjects/occupational skills covered Soil physic, Soil erosion control

Name and type of organisation providing education and training **Christian-Albrechts-University Kiel, Germany, Institute of Plant Nutrition and Soil Science, Fellowship of KAAD**

Dates 1983-1988

Title of qualification awarded Bachelor in Land improvement.

Principal subjects/occupational skills covered Crops irrigation, soil erosion control, water excess removal, soil fertility, soil pollution

Name and type of organisation providing education and training Polytechnic Institute of Iasi

Foreign language(s)

Self-assessment

European level (*)

English Language

		Understanding		Speaking				Writing	
		Listening	Reading	Spoken interaction		Spoken production			
		Independent user	Independent user	Independent user	Independent user	Independent user	Independent user	Independent user	Independent user
B	French	B	French	B	French	B	French	B	French
1		2		1		2		1	
B	English	B	English	B	English	B	English	B	English
1		2		1		2		1	

(*) [Common European Framework of Reference for Languages](#)

Professional skills and competences	Assessment of soil quality (physical and chemical parameters) Soil erosion control; Water excess removal; Crops irrigation Sustainable land resources use Environment protection and capitalization of residues and wastewaters
Organisational skills and competences	Experience in project and university management, capacity to adapt and teamwork
Social skills and competences	Good capacity for communication, networking skills
Computer skills and competences	Microsoft Office - Word, Excel, ArcGis; Internet

Ph.D. Prof. Daniel BUCUR

