

**Europass  
Curriculum vitae**



**Personal information**

First name(s) / Surname(s) **Daniel BUCUR**  
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E-mail dbucur@uaiasi.ro  
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, Iasi University of Life Sciences** (former University of Agricultural Sciences and Veterinary Medicine in Iasi)

## Main activities and responsibilities

Teaching and scientific research

**PhD thesis Coordination** (12 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).

**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 – 2016; 2018 – 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:**

Environmental Biotechnology Division of European Federation of Biotechnology (2020)

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. Constituirea și implementarea de parteneriate pentru transfer de cunoștințe între Institutul de Cercetări pentru Agricultură și Mediu lași și mediul economic agricol, Cod SMIS 119611, 2019-2022
7. 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](#)
8. 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**

9. *Climate Focused Agricultural Vocational Education (CLIAVE) Erasmus+ KA220-VET*, 2022-2024
10. *Improvement, conservation and capitalization of degraded soils in agro-ecosystems from hilly areas, for increasing life quality and environment protection*, CEEX - ANCS, 2005 - 2008
11. *Products and technologies for a sustainable farming system*, CEEX - ANCS, 2006-2008
12. *Impact of hydro-climatic risks and pedo-geomorphological*, CEEX-ANCS, 2006-2008

### **Editor-in-Chief**

Journal of Applied Life Sciences and Environment [Journal of Applied Life Sciences and Environment – IULS Journal \(jurnalalse.com\)](#)

## 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: 53, h-index 13** - Sum of Times Cited without self-citations: **496**

<https://www.webofscience.com/wos/woscc/citation-report/9ed35a92-4b1f-4db5-93b4-5cb436cc64dd-fb18386d>

Name and address of employer Iasi University of Life Sciences (former University of Agricultural Sciences and Veterinary Medicine Iasi)

Faculty of Agriculture / Department of Pedotehnics, M. Sadoveanu no. 3, 700490 - Iasi, Romania

**Years with the organization: 30**

Type of business or sector Higher education and scientific research

## 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

B1

French

B2

French

B1

French

B2

French

B1

French

B1

English

B2

English

B1

English

B2

English

B1

English

(\*) [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

Ph.D. Prof. Daniel BUCUR

