

Faculty Vitae

1. Name

Radian Belu

2. Education – degree, discipline, institution, year

Ph.D. Power Engineering	Polytechnic University of Bucharest	2001
Ph.D. Physics	University of Western Ontario	1999
M.S. Electrical Engineering	Polytechnic University of Bucharest	1986
M.S. Physics	University of Bucharest	1978

3. Academic experience – institution, rank, title, when, full time or part time

Southern University	Associate Prof.	2017 – present	full time
University of Alaska	Associate Prof.	2014 – 2016	full time
Drexel University	Term Asst. Prof.	2008 – 2014	full time
Desert Research Institution	Research Asst. Prof.	2007 – 2008	full time
St. Cloud State University	Term Asst. Prof.	2006 – 2007	full time
Wayne State University	Term Asst. Prof.	2001 – 2006	full time
University of Missouri	Research Associate	1998 – 2001	full time
University of Western Ontario	Lecturer & Assoc. Researcher	1994 – 1998	full time
Desert Research Institution	Hourly Research Asst. Prof.	2008 – 2014	part time
Ovidus University of Constanta	Senior Lecturer	1991 – 1994	part time

4. Non-academic experience – company or entity, title, brief description of position, when, full time or part time

Institute for Computer Techniques and Informatics	Senior Engineer	1986-1994	full time
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5. Certifications or professional registrations

None

6. Current membership in professional organizations

IEEE		
ASEE		
AGU		
Romanian Association of Professional Engineers		
IEEE Alaska Chapter Officer		2015 – 2016
Secretary and treasurer pf ASEE Marine and Ocean Engineering		2010 – 2013

7. Honors and awards

Air Force Summer Faculty Fellowship	2005 – 2007 & 2020
Applied Energy and Energy (Elsevier/Science Direct) Journals Top Reviewer Award	2009 & 2010

8. Service activities (within and outside of the institution)

CSE Assessment Committee
CSE Leadership Committee
Electrical Engineering Assessment Committee
Electrical Engineering Lab Maintenance Committee
IEEE Student Chapter Advisor
2020 National Technical Symposium Judge
SMART (DOD Undergraduate and Graduate Scholarship) Panelist & Judge
2018 – 2021
NDSEG (DOD Graduate Scholarship) Panelist & Judge 2016 – 2021
Editorial Board Member, *Journal of Water Resources and Ocean Sciences*

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

Fundamentals of Smart Grids, R.G. Belu, 2021 (in print)

Building Electric Systems and Distribution Networks, R.G. Belu, 2020

“Accentuating the Interconnection Between Business Sustainability and Organizational Performance in the Context of the Circular Economy: The Moderating Role of Organizational Competitiveness, Business Strategy and The Environment”, M. Sarfraz, L. Ivascu, R. Belu and A. Artene, *Business Strategy and The Environment*, Vol. 30(4), pp. 2108-2118, 2021

“Electrical Energy Engineering Education for the 21st Century, *Journal of Higher Education Theory and Practice*”, R. Belu, F. Lacy and L. I. Cioca Vol. 20(11), pp. 112-123, 2020.

“Regional analysis of long-term local and synoptic effects on wind velocity patterns in complex terrain, R. Belu and D. Koracin, *Geofizika*, Vol. 36(2), pp. 1-20, 2019. DOI: 10.15233/gfz.2019.36.6

10. Briefly list the most recent professional development activities

Entergy Summer Internship	2019
DHS Summer Faculty/Team Research – Critical Infrastructure Research Institute	2019
Quality Matters Certificates and Trainings	2019 & 2020