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Scientific title: PhD. In Energy Engineering, Politehnica University, Bucharest, Romania; Prof. PhD, Associate professor, Lecturer, Assistant professor (Energy Production and Use Employment)

Studies:1997, Ph.D Engineer in Energy Engineering, Politehnica University, Bucharest, Romania; 1979, Bachelor;s Degree in Energy Engineering, Politehnica University,Bucharest, Romania.

Professional experience: Team leader at IRNE (1983-1985), laboratory manager (1998-2012), Deputy Program Director MENER (2000-2006), Faculty Scientific Secretary (2004-2012); Hirsch index 15, the sum of citations over 600 and over 80 ISI indexed works, h-index SCOPUS 18,the sum of citations over 1100 and over 120 indexed works, h-index Google academic=18, the sumover 1600 citations. Member in the collective of editorial office of Energie Journal, ISSN: 1996-1073, ISI; Journal of Sustainable Energy (JSE), ISSN: 2067-5538, CNCSIS "B"- cod 817, JOURNAL OF MARINE TECHNOLOGY AND ENVIRONMENT, ISSN 1844-6116, BDI; Member in scientific international/ Nation companies- Institute of Electrical and Electronics Engineers (IEEE); ROMANIAN ASSOCIATION "ENERGIA NUCLEARA" (AREN); the Romanian National Institute for the Study of Resource Management and Use Energy (IRE); ROMANIAN SOCIETY OF THERMOTECHNICS; Director or project manager over 40 research projects won through national or international competition.

Key points of interest in research: energy, renewable sources, CO₂ capture, decarbonization, the use of hydrogen as a new energy vector, mechanical engineering, energetic fuels, environmental engineering, modeling, and dynamic simulation of processes.