





PERSONAL INFORMATION

GEORGESCU ANDREI-MUGUR



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Sex: Male | Date of birth: 15/11/1962 | Nationality: Romanian

PRESENT POSITION

Professor, Technical University of Civil Engineering Bucharest, Hydraulics and Environmental Protection Department

WORK EXPERIENCE

- 1991 – present **Assistant, Lecturer, Associated Professor, Professor**
 Technical University of Civil Engineering Bucharest, Hydraulics and Environmental Protection Department
 ▪ Teaching and scientific research
 Business or sector: Higher education
- 1990 – 1991 **Research Engineer**
 Technical University of Civil Engineering Bucharest, Hydraulics and Environmental Protection Department
 ▪ Design of the boundary layer wind tunnel
 Business or sector: Higher education
- 1987 – 1990 **Field Engineer**
 “Nuclear-Montaj” Enterprise, Cernavoda, Romania
 ▪ Execution of several nuclear piping systems
 Business or sector: Civil Engineering

EDUCATION AND TRAINING

- 1991 - 1999 **Ph.D.**
 Technical University of Civil Engineering Bucharest, Romania
 ▪ Technical Sciences/ Hydraulics and Fluid Mechanics
- 1981 - 1987 **Engineer**
 Technical University of Civil Engineering Bucharest, Romania
 ▪ Building Services Faculty
- 1978 - 1981 **Baccalaureate**
 “Dimitrie Cantemir” National College, Bucharest, Romania
 ▪ Mathematics and Physics

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2

- Communication skills
- Team work, more than 25 years of activity in national and international research teams;
 - Development of cooperation with national and international academic and research teams.
- Organisational / managerial skills
- Member of the coordinating team in 3 TEMPUS projects;
 - Director of 7 research projects;
 - Member of the organizing committee in 4 international conferences
- Job-related skills
- Wind engineering and industrial aerodynamics;
 - Fluid structures interaction;
 - Measurement and data acquisition techniques in fluid mechanics;
 - Water distribution system analysis;
 - Wind and marine current turbines;
 - Fluid Machinery.
- Computer skills
- Computer literacy (MS-Office, AutoCAD, MATLAB);
 - Computer programming languages (Fortran, Pascal, Basic);
 - Specialized software (EPANET, COMSOL Multiphysics, Fluent).
- Other skills
- Reviewer for: Engineering Applications of Computational Fluid Mechanics (Hong Kong Polytechnic University), Journal of Aerospace Engineering (ASCE), University "Politehnica" of Bucharest Scientific Bulletin (UPB)
 - Evaluator for the Romanian Agency for Quality Assurance in Higher Education
- Driving licence
- Category: B

ADDITIONAL INFORMATION

- Publications
- Co-author of 8 books;
 - Co-author of one chapter in a monograph (in English);
 - Co-author of more than 50 papers published in journals;
 - Co-author of 2 international patents.
- Projects
- Director of 2 national research grants;
 - Member in the research team of 8 national research grants.
- Conferences
- Co-author of more than 25 papers published in international conference proceedings;
 - Chairman at 3 international conferences
- Memberships
- Member of the Renewable Energy Committee of the Romanian Academy;
 - Member of the International Association for Hydro-Environment Engineering and Research;
 - Member of the Romanian Wind Engineering Association