

VICTOR I. MOCANU

Curriculum Vitae

<http://gg.unibuc.ro/organizare/departamentul-geofizica/victor-mocanu/>

Date and place of birth: 02 August 1960, Bucharest, Romania
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Hirsch index and citations (as of 01 March 2024)

<i>RANKING SYSTEM</i>	<i>HIRSCH INDEX</i>	<i>CITATIONS</i>	<i>OTHER</i>
Google Scholar	24	1709	i10-index: 40
Research Gate	20	1323	Research Interest Score: 776.5
Web of Science	16	709	Citing articles: 552

Studies:

1996-1997 Post Doc, Oregon State University, USA
 1992-1996 PhD in Geology, University of Bucharest
 Promoter: Academician Liviu Constantinescu, former VicePresident, IUGG
 1980-1985 BSc+MSc, Major: Geophysics, University of Bucharest, Faculty of Geology and Geophysics. Degree: “Geological and Geophysical Engineer”

Languages: English, French, Spanish, Romanian

Honorary title: “Dr. Honoris Causa” (“Honorary Professor”), China University of Geosciences, Beijing (2017)

Work experience:

2020-present Professor of Geophysics, University of Bucharest, Romania
 (2017-2019) Founding Dean, Postgraduate School, Botswana International University of Science and Technology
 2009-2020 Dean, Faculty of Geology and Geophysics and Professor of Geophysics, University of Bucharest, Romania
 (2008-2009) Associate Executive Director, American Geophysical Union, Washington DC
 2007-2009 HoD and Professor of Geophysics, Department of Geophysics, University of Bucharest
 1998-2007 Associate Professor, Department of Geophysics, University of Bucharest
 1997-1998 Lecturer, Department of Geophysics, University of Bucharest
 (1996-1997) Postdoc (Research Associate), Oregon State University, USA
 1993-1996 Lecturer, Department of Geophysics, University of Bucharest
 1988-1993 Assistant, Department of Geophysics, University of Bucharest
 1985-1987 Researcher, “Surlari” Geophysical Observatory (Geological Institute of Romania)
 1985-1988 Party Chief, Magnetic prospecting, Eastern and Southern Carpathians (target: rare earth elements, manganese)

Publications:

Publications in ISI journals: Geology, Tectonophysics, Geophysical Journal International, Earth and Planetary Science Letters, Geology, Journal of Geodynamics, GS Today, EOS etc.

Duties:

- *Academic system:*
 - Academic management: managing all the regular activities of a department for three years, a faculty for 12 years and founding and organizing the postgraduate school at a new university, setting the rules and regulations, writing and getting approved all policies and guidelines, accrediting/reaccrediting the department, faculty and all related programs and handling all regular issues;
 - Teaching subjects: Active and Passive Continental Margins; Global Tectonics, Tectonophysics; Physics of the Earth; Radiometry and radioactive protection
- *NGO (American Geophysical Union):* - Supervising Finance Department, Public Information and International relationship of AGU; in charge with the operating committees of: International Participation, Budget and Finances, and Public Information; liaison officer for the following sections: Tectonophysics, Seismology; liaison officer for the following focus groups: Earth and Space Science Informatics, Earth and Planetary Science Information, Natural Hazards, and Study of the Earth's Deep Interior.
- *Research system:* - member of the research group of the Bureau of Expertise and Consulting, University of Bucharest - geological interpretation of geological and geophysical data in sedimentary basins of Romania, East and Southeast Asia, and USA, geodynamics of Chile Triple Margin, Pacific Northwest and Haida Gwaii

Management duties:

- Dean, Faculty of Geology and Geophysics, University of Bucharest (2009-2020) – running the faculty from academic and managerial points of view; head of the Faculty Council.
- Founding Postgraduate School, Botswana International University of Science and Technology (2017-2019) – writing all policies, guidelines and procedures for postgraduate studies at master and doctoral level, close contact with the Postgraduate student association, attending/chairing numerous Ad Hoc committees on various academic, financial and managerial aspects.
- Elected Chair, Department of Geophysics, University of Bucharest (2005-2008) – running the department from academic and managerial points of view
- Elected Member, Senate of the University of Bucharest (2008-present); BIUST (2017-2019)
- Member, Administrative Council of the University of Bucharest (2009-2020)
- Associate Executive Director, American Geophysical Union (2007-2009): responsibilities: international affairs of the Union, short- and long-term financial investments of the Union
- Member, European Advisory Committee for the American Geophysical Union (2004 – 2006)
- Member, Distinguished Lecturer Committee, American Association of Petroleum Geologists (2006 –present)
- Member, Publication Committee, International Union of Geological Sciences (IUGS) (2002 – 2005)
- Senior Adviser, International Year of Planet Earth (2004 – 2007) – UNESCO and IUGS initiative under UN umbrella
- Secretary, Bucharest Geoscience Forum, Romania (1995 - present)
- Head of the Romanian delegation, 31st International Geological Congress, Rio de Janeiro, Brazil (2000), the 35th IGC, Cape Town, South Africa (2016) and the 36th IGC, Delhi, India (2020)
- Chairman and organizer, scientific sessions of various AGU, AOGS, SEG, EAGE and EGS annual meetings

Professional affiliation and responsibilities:

- Society of Exploration Geophysicist (USA). Vice-Chair of Global Advisory Committee - GAC (2015-2016), Chair of GAC (2016-2018), Past-Chair of GAC (2018-2020). Member of the Council and member of the Committee for University and Student Programs;
- American Association of Petroleum Geologists. Member of the Distinguished Lecturer Committee
- European Association of Geoscientists and Engineers. Member of the Council
- American Geophysical Union
- Romanian Society of Geophysics. President (2012-present)
- Bucharest Geoscience Forum. Secretary (1996-present)
- Expert, Committee of the Ministry of Regional Development, Government of Romania (2015-present) (natural hazards)
- Expert, Inter-ministerial Commission of the Government of Romania - Mining Law (2016-2018)
- Chairman of the Scientific Board, Prospectiuni SA (2023-present)
- Member of the Board, Prospectiuni SA (2022-present)

Organizer of science meetings:

14 specialized international conferences and workshops organized in Romania, USA, Chile, Botswana, Vietnam, PR China, Thailand, Taiwan and Japan.

Participation at international meetings of professional societies:

Over 200 participations, over 150 talks (many of them invited / key-note) presented at international meetings of Society of Exploration Geophysicists, European Association of Geoscientists and Engineers, American Association of Petroleum Geologists, American Geophysical Union, European Geoscience Union, International Union of Geological Sciences, International Geological Congress etc.

Editor:

Member of the Editorial Board, Episodes (2012-present)

Member of the Editorial Board, Journal of Geodynamics (2000-2015)

Guest co-editor, four special volumes of Tectonophysics (Elsevier Science) dedicated to Carpathian-Pannonian Basin, Indochina, Vietnam.

Editor of three special volumes of Bucharest Geoscience Forum.

Evaluation and Ranking:

Member of the Committee on Geology of the Romanian Agency for Quality Assurance in Higher Education, National Committee for promotions and PhD recognition on University and Research (2014-2018)

Member of the Science Board, UNESCO (2004-present)

Member of the Scientific Board, ReFiNe (Research on Fracking in Europe – consortium of British universities) (2013-present)

Visiting professor

University of Florida, USA; China University of Geosciences, PR China

Award

GetEnergy “Best Education/Industry Partnership”, London, 2014

Private areas of interest

Skiing, Music (Irish, Jazz, Classic), Painting, Traveling