

Personal information	MIRELA VOICULESCU
E-mail	Mirela.Voiculescu at ugal.ro
Professional experience	<p>Time, Job, Employer</p> <p>2014 – present, Professor, <i>University Dunarea de Jos Galati (UDJG)</i>, Str. Domneasca nr. 47, 800008, Galati, Romania</p> <p>1992 – 2014 Asistent, Lector, Reader/Associated Professor, <i>University Dunarea de Jos Galati</i>, Str. Domneasca nr. 47, 800008, Galati, Romania</p> <p>1989-1992, Teacher, <i>Elementary School no 4/Curtea de Arges</i>, <i>Elementary School no 12/Galati</i>, Romania</p>
Education, grants, fellowships	<p>Diploma or fellowship/year, Institution</p> <p>PhD/2006 „IMF effects on sporadic E layers and F region trough”, Eximia cum laude approbatur <i>University of Oulu, Finlanda</i></p> <p>PhD/2003, "Instabilities and Waves in the ionospheric plasma", Magna cum Laudae, <i>University Al I Cuza, Iasi, Romania</i></p> <p>Postuniversity Studies „Waves and Vibrations"/2003, <i>University „Dunărea de Jos” Galați</i></p> <p>BSc Physics/1989, <i>University of Bucharest</i></p> <p>International fellowship: The ionospheric trough – manifestation of space weather variability, 2014, <i>University of Oulu, Finlanda</i></p> <p>International fellowship: Formation, development and mechanism of the pre-midnight F region trough, 2009, <i>University of Oulu Oulu, Finlanda</i>,</p> <p>Pos doc fellowship: Study of the F region trough, 2007-2008, <i>Institute of Space Aeronomie, Bruxelles, Belgium</i></p> <p>Marie Curie doctoral fellowship: Sporadic E-layer at mid and high latitudes, 2001-2002, <i>University of Oulu, Finlanda</i></p>
Competences, management, other expertise, complementary skills	<p><i>Project management</i>: International projects/National representative: 2 projects (COST) PI or Co-I for national projects: 5 projects (National Program of Research, Development and Innovation (2007 – present) Expert (implementation team of international and national projects): +20 projects</p> <p><i>Main organizer</i> for:</p> <ul style="list-style-type: none"> ○ Workshop Aerosols, Clouds and Trace gases Research InfraStructure, ROMANIA, 4-5 iun 2019, Galati, Romania ○ “Workshop on natural versus anthropogenic causes of climate variability and feedback from bio-chemical processes”, NatClimVar ICUB, București, 18-22 Oct 2016 <p><i>Expert evaluator</i> National Science Foundation (USA), 2011, Expert evaluator H2020, FP7, 2010-present Expert for national research programmes CNCIS, CNCS, PNII, PNIII, 2006-2017 Expert evaluator NERC (Natural Environment Research Council, UK), 2019 -</p> <p><i>Coordinations</i> of MSc and Bsc university programs (Physico-Chemical Analysis, Environmental Sciences) 2008 -2018</p> <p><i>Scientific referee</i>: Journal of Atmospheric and Solar-terrestrial Sciences, Advances in Space Researches, Earth Planets and Space Letters, Journal of Geophysical Researches, Annales Geophysicae, Journal of Sensors</p> <p><i>Scientific coordinator</i> European Centre for Excellence in Environment, UDJG (ECEE) (2008 – 2014)</p> <p><i>Invited Professor</i> at the Research Institute of the University of Bucharest iul – dec 2016</p> <p><i>Invited seminars/workshops</i>: +15</p> <p><i>Convener/moderator</i>: EGU General Assembly, Viena, 2008, 2009, 2010, 2011 (Solar-terrestrial interactions), Space Climate 5-th Symposium, Oulu, 2013, Jun 12-15-th</p>

Publications ISI/ Ranked Scientific Journals : +50, Other peer reviewed (non ranked) journals: +50, Books: 10

Selected publications (10)

1. Arseni, M.; **Voiculescu, M.**; Georgescu, L.P.; Iticescu, C.; Rosu, A. Testing Different Interpolation Methods Based on Single Beam Echosounder River Surveying. Case Study: Siret River. *ISPRS Int. J. Geo-Inf.* doi.org/10.3390/ijgi8110507, vol 8, pp 507, ISSN 2220-9964, 2019
2. Vaideanu, P. M. Dima and **M. Voiculescu** , Atlantic Multidecadal Oscillation footprint on global high cloud cover, *Theor Appl Climatol.*, Vol. 134, Issue 3–4, pp 1245–1256, <https://doi.org/10.1007/s00704-017-2330-3>, 2018
3. **Voiculescu M.**, T. Nygrén, A. T. Aikio, H. Vanhamaki and V. Pierrard, Post-midnight ionospheric troughs in summer at high latitudes, *J. Geophys. Res. Space Physics*, Volume 121, Issue 12, pp. 12171-11285, SRI = 2,23/FI = 3.31, doi:10.1002/2016JA023360, 2016.
4. Dima M. and **M. Voiculescu**, Global patterns of solar influence on high cloud cover, *Climate Dynamics*, 47:667–678, DOI 10.1007/s00382-015-2862-0, 2016
5. Sfca L., **M. Voiculescu** and R. Huth, The influence of solar activity upon the position of North-Atlantic centers of action, *Ann. Geophys*, 33, 207–215, 2015, doi:10.5194/angeo-33-207-2015, 2015
6. Sfca L. and **M. Voiculescu**, Possible effects of atmospheric teleconnections and solar variability on tropospheric and stratospheric temperatures in the Northern Hemisphere, *J. Atm. Sol.-Terr. Phys.*, 109, 7-14, 10.1016/j.jastp.2013.12.021, 2014
7. **Voiculescu M.**, I. G. Usoski and S. Bota-Condurache, Clouds blown by solar wind, *Environ. Res. Lett.* 8, 045032, doi:10.1088/1748-9326/8/4/045032, 2013
8. **Voiculescu M.** and I. G. Usoskin, Persistent solar signatures in cloud cover: spatial and temporal analysis, *Environ. Res. Lett.* 7 (2012) 044004 (11pp), doi:10.1088/1748-9326/7/4/044004, 2012
9. **Voiculescu M.**, I. G. Usoskin, and K. Mursula, Different response of clouds to solar input, *Geophysical Research Letters*, 33, L21802, doi:10.1029/2006GL027820, 2006, (ISSN: 0094-8276).
10. **Voiculescu M.**, C. Haldoupis, K. Schlegel: "Evidence of planetary wave effects on midlatitude backscatter and sporadic E layer occurrence", *Geophysical Research Letters*, VOL. 26, NO. 8, PP. 1105-1108, doi:10.1029/1999GL900172, 1999, (ISSN: 0094-8276).

Other information

380+ citations WoS (no selfcitations), h_WoS = 13; 500+ Scholar, h_G=15

ResearcherID: B-7041-2011, <http://www.researcherid.com/rid/B-7041-2011>