

Informații personale **MIRELA VOICULESCU**E-mail Mirela.Voiculescu@ugal.ro**Experiența profesională** **Perioada, Funcția sau postul ocupat, Numele și adresa angajatorului**

2014 – prezent, Profesor univesitar, Unversitatea Dunarea de Jos Galati (UDJG), Str. Domneasca nr. 47, 800008, Galati

1992 – 2014 Asistent, Lector, Conferentiar univesitar, Unversitatea Dunarea de Jos Galati, Str. Domneasca nr. 47, 800008, Galati

1989-1992, profesor, Liceul Silvicultura, Scoala generala 4 – Curtea de Arges, Scoala gen. 12 Galati

Educație și formare **Diploma obținută/an Instituție**

Doctor în Științe/2006,, „IMF effects on sporadic E layers and F region trough”, Eximia cum laude approbatur *Universitatea din Oulu, Finlanda*

Doctor în Științe/2003, "Instabilitati si fenomene ondulatorii in plasma ionosferica", Magna cum Laudae, *Universitatea Al I Cuza, Iasi, Romania*

Studii postuniv, sectia „Unde si Vibratii”/2003, *Universitatea „Dunărea de Jos” Galați*

Diploma fizician/1989,*Universitatea din București*

Grant internațional: The ionospheric trough – manifestation of space weather variability, 2014, *Universitatea din Oulu, Finlanda*

Grant internațional: Formation, development and mechanism of the pre-midnight F region trough, 2009,*Universitatea din Oulu, Finlanda*,

Grant internațional post doctoral Study of the F region trough, 2007-2008, *Institute of Space Aeronomie, Bruxelles, Belgium*

Grant Marie Curie/cercetare doctorala Sporadic E-layer at mid and high latitudes, 2001-2002, *Universitatea din Oulu, Finlanda*

Competențe, Experiența Management, Responsabilitati complementare

Organizare conferinte/workshop/seminarii organizator principal/presedinte pentru:

- Workshop consortiu **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

Management proiecte: Proiecte internationale /Reprezentant national: 2 proiecte (tip COST)

Director/Responsabil partener proiecte nationale: 5 proiecte PNII, PN III (2007 – prezent)

Expert (membru in echipa): +20 proiecte (naționale, intl și cu finanțare europeană)

Expert evaluator National Science Foundation (USA), 2011

Expert evaluator H2020, FP7, 2010-prezent

Expert national CNCIS, CNCS, PNII, PNIII, 2006-2017

Expert evaluator NERC (Natural Environment Research Council, UK), 2019 -

Coordonator - programul de Master Analize fizico-chimice in mediu si stiinta materialelor (UDJG)

- programul de Licenta Stiinta Mediului (UDJG), 2008-2018

Referent stiintific: 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)

Coordonator stiintific Centrul European de Excelenta in Mediu, Unversitatea Dunarea de Jos (ECEE) (2008 – 2012)

Profesor invitat la Institutul de Cercetari al Universitatii din Bucuresti: iul – dec 2016

Seminarii invitate: +15

Convener/moderator: EGU General Assembly, Viena, 2008, 2009, 2010, 2011 (Solar-terrestrial interactions)

- Space Climate 5-th Symposium, Oulu, 2013, Jun 12-15-th

Publicatii Reviste cotate (ISI, etc): +50, Alte reviste (cu referenti): +50, Carti: 10

Selecție (10 publicații)

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).

Informații suplimentare

380+ citări WoS (fara autocitari), h_WoS = 13; 500+ citari Scholar, h_G=15
 ResearcherID: B-7041-2011, <http://www.researcherid.com/rid/B-7041-2011>