

CURRICULUM VITAE

Family name: Voiculescu
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Personal domicile

Tristan Tzara, 46, Timișoara, România,
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Professional domicile

West University of Timișoara, Department of Geography
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Academic positions

2015 - Professor Dr. Habil.
2003 - 2015 assistant professor
2000 - University of Bucarest Ph.D.: Geocological study of Făgăraș massif and environment protection,
with *Magna cum laudae* distinction
1998 - 2003 lecturer: West University of Timișoara, Department of Geography
1995 - 1998 assistant: West University of Timișoara, Department of Geography
June - july 1996: University of Angers, Department of Geography
1990 - 1995 preparatory: West University of Timișoara, Department of Geography
octobre 1992 - february 1993: University of Angers, Department of Geography
1990 - B.A. University of Bucarest, Faculty of Geology-Biology-Geography, Specialisation of Geography-french

Administrative and professional functions:

2016 - present Director of Doctoral School of Geography, West University of Timișoara, Romania
2015 - present Vice president of Romanian Association of Geomorphologists, Romania
2010 - present Director of the Environmental Science Program
2004-2008 Director of Department of Geography, West University of Timișoara, Romania

Research fields

natural hazards and risk phenomena, periglacial features of high mountains, geoecology of high mountains, dendrocronology

Courses taught

BA: Natural and anthropogenic hazards and risk phenomena, Geography of the environment, Biogeography, Dendrocronology.
Master: Natural and anthropogenic risk assessment and management, Using GIS in hazard analysis and a risk phenomena.
Doctoral school: Environmental degradation and social impact of natural and anthropogenic hazards.

Scholarships and awards

in 2015, *George Vâlsan* prize granted by the Association of Geomorphologists in Romania for the work Spatio-temporal reconstruction of snow avalanche activity using dendrogeomorphological approach in Bucegi Mountains-Romanian Carpathians, *Cold Regions Science and Technology*, 140-141, 63-75.
- in 2014, from UEFISCDI, PN-II-RU-PRECISI-2014-8-5905 prize for article: Patterns of the dynamics of human triggered snow avalanches at the Făgăraș massif (Southern Carpathians)-Romanian Carpathians, *Area*, 46.3, 328-336.
- in 2014, from UEFISCDI, PN-II-RU-PRECISI-2014-8-5949 prize for article: Spatio-temporal reconstruction of snow avalanche activity using endrogeomorphological approach in Bucegi Mountains-Romanian Carpathians, *Cold Regions Science and Technology*, 140-141, 63-75.

- in 2013, from UEFISCDI PN-II-RU-PRECISI-2013-7-2691 prize for article: Snow avalanche assessment in the Sinaia ski area (Bucegi Mountains, Southern Carpathians) using the dendrogeomorphology method, *Area* 45.1, 109-122.

Programme d'Études Canadienne: Bourse de Recherche, Europe Centrale et Autres Pays, 29.09.2003-29.10.2003.

Umwelt und Umweltgerechtigkeit, Environment and Environmental Justice, Environnement et justice de l'environnement, Grainau, Germania, 16-18 february 2001.

Tempus Programme: september 1992 - february 1993: University of Angers, Department of Geography.

Other experiences

Manuscript Reviewer

International journals: *Central European Journal of Geosciences, Geocarrefou; Journal of Mountain Science; Journal of Environmental Biology; International Journal of Geohazards and Environment; Natural hazards; Quaternary International; Zeitschrift fur Geomorphologie.*

Romanian journals: *Revista de Geomorfologie, Forum geographic, Craiova; Geojournal of tourism and Geosites, Oradea; Analele Universității din Oradea, seria Geografie; Geosport for Society, University of Oradea, University of Debrecen (Hungary) and University of Gdansk (Poland); Geographica timisiensis, Timișoara.*

Member in scientific board: *Annals of the Al. I. Cuza University, Geography series, Iași; Geosport for Society; Riscuri și catastrofe (Risks and catastrophes), Revista de Geomorfologie (Journal of Geomorphology), member in SEEmore Network Scientific Steering Committee*

Visiting professor: Université du Québec à Montréal (UQAM), Département de géographie, april 2009; Jagiellonian University in Krakow, Department of Geography, September 2001; Angers University, France, May-June 1996; University of Novi Sad, Department of Geography, Serbia, December 1996.

Computer related competence: Microsoft Office, Adobe Photoshop, ArcGis.

Presented papers (partial listing)

Onaca, A., Ardelean, A., Magori, B., Voiculescu, M., Ardelean, F., Gachev, E., Sîrbu, F., Permafrost investigations in the Rila and Pirin Mountains, Bulgaria, EGU General Assembly, Vienna, Austria, 7-12 April 2019.

Onaca, A., Magori, B., Ardelean, F., Gachev, E., Urdea, P., Voiculescu, M., Sîrbu, F. Are there any intact rock glaciers in the Balkan Peninsula?, 5TH European Conference on Permafrost, Chamonix-Mont Blanc, 25 June-1st July, 2018.

Voiculescu, M., Ardelean, F., Török-Oance, M., New findings related to snow avalanches and related hazard in Southern Carpathians. Case study: Făgăraș Mts., Romanian Geomorphology Symposium, 33rd Edition, Iași, 11-14.05.2017.

Salberg, A.B., Hamar, J.B., Ardelean, F., Török-Oance, M., Avalanche detection in very high resolution optical satellite images, Final Workshop on Remote sensing, model and in-situ data fusion for snowpack parameters and related hazards in a climate change perspective-SnowBall, Bucharest, Romania.27-28.04.2017.

Török-Oance, M., Ardelean, F., Voiculescu, M., Milian, N., Salberg, A.B., Snow avalanche inventory and hazard assessment in Fagaras Mountains, Final Workshop on Remote sensing, model and in-situ data fusion for snowpack parameters and related hazards in a climate change perspective - SnowBall, Bucharest, Romania, 27-28.04.2017.

Voiculescu, M., Germain, D., Ianăș, A. - Biogenic activity as a sediment source in subalpine prairies of Parâng Mountains, Southern Carpathians, Romania: a preliminary quantitative analysis for sediment budget, Monitoring of geomorphological processes in cold environments under climate change - Bansko, Bulgaria, 7-10 september 2016.

Torok-Oance, M., Ardelean, F., Voiculescu, M., Milian, N. - First Snow Avalanche Inventory in the Romanian Carpathians Based on Very High-Resolution Satellite Images, 36th EARSEL Symposium "Frontiers in earth observation", Bonn, Germany, 20-24 june, 2016.

Ardelean, F., Török-Oance, M., Salberg, A.B., Voiculescu, M., Milian, N., Irimescu, A., Numerical simulation of documented snow avalanche events in Făgăraș Mountains, 18th International Symposium on Symbolic and Numerical Algorithms for Scientific Computing – SYNASC, Timișoara, 24-27.09.2016.

Török-Oance, M., Irimescu, A., Milian, N., Diamandi, A., Ardelean, F., Voiculescu, M., Snow avalanche hazard assessment in Făgăraș Mountains, Southern Carpathians, 18th International Symposium on Symbolic and Numerical Algorithms for Scientific Computing – SYNASC, Timișoara, 24-27.09.2016.

Voiculescu, M. - New contributions to the knowledge of risk management of snow avalanche in Romanian Carpathians. Case study: Făgăraș massif-Southern Carpathians, Sustainable mountain regions: make them

work, International Scientific Conference, Borovets, Bulgaria, 14-16 May 2015.

Torok-Oance, M., Ardelean, F., Voiculescu, M. - Snow avalanche tracks detection using high resolution dem and object based terrain analysis in Făgăraș Mountains, Romania. Geobalcanica Scientific Conference, Connects all geographers, Skopje, Republic of Macedonia, 5-7 June, 2015.

Voiculescu, M., Onaca, A., Chiroiu, P. - Spatio-temporal reconstruction of snow-avalanche activity using dendrochronology in Făgăraș Mountains (Southern Carpathians), Geobalcanica Scientific Conference, Connects all geographers, Skopje, Republic of Macedonia, 5-7 June, 2015.

Voiculescu, Mircea, Ardelean, Florina, Chiroiu, Patrick, Onaca, Alexandru, Spatio-temporal reconstruction of snow-avalanche activity using dendrogeomorphologic approach in Capra glacial valley - Făgăraș Mountains (Southern Carpathians), Romanian Carpathians, Fifth EUGEO Congress on the Geography of Europe, Budapest, Hungary, 30.08-02.09.2015.

Chiroiu, P., Ardelean, C., Lușan, M., Onaca, A., Petru, P., Voiculescu, M. - Tree-ring based reconstruction of major snow avalanches in the central part of the Făgăraș Mountains, Southern Carpathians, EUGEO", Budapest, Hungary, 30 august-2 septembrie 2015.

Voiculescu, M., Onaca, A., Chiroiu, P. - Recent dendrogeomorphic approaches in Romanian Carpathians. Spatio-temporal reconstruction and patterns of snow avalanche activity in Făgăraș massif and Bucegi Mountains (Southern Carpathians) - Romanian Carpathians, 8e Conférence Internationale de Géomorphologie de l'AIG « Géomorphologie: des processus naturels au développement durable » Paris (France), 27-31 août 2013.

Voiculescu, M., Onaca, A., Chiroiu, P. - Spatio-temporal reconstruction of snow avalanche activity using dendrogeomorphological method in Bucegi mountains-Romanian Carpathians, ISSW, Anchorage, Alaska, 16-22 September, 2012.

Voiculescu, M., Onaca, Alex., Chiroiu, P. - Snow avalanche assessment from Bucegi ski area using dendrochronology, Carpatho-Balkan-Dinaric Conference on Geomorphology in Ostravice, Czech Republic on 17-20 October 2011.

Török-Oance, M., Török-Oance, R., Onaca, A., Ardelean, F., Voiculescu, M. - Recent changes of the timberline and treeline in the Southern Carpathians (Romania) Global Change and the World's Mountains, Perth, UK, September 2010.

Voiculescu, M., Onaca, A. - The analysis of forest dynamics and the mechanical impact on trees using the dendrochronological method. Case study: the glacial valley Bâlea - Făgăraș massif (Southern Carpathians - Romanian Carpathians), International Conference Trees and Dynamics, Clermont Ferrand, France, 15-19. 11. 2010.

Voiculescu, M. - Snow avalanches potential and management of Romanian Carpathians. Case study-Bâlea glacial valley (Făgăraș massif)-Southern Carpathians, ISSW International Snow Science Workshop, 27 September to 2 October 2009, Congress Center, Davos, 53-57.

Voiculescu, M. - Evaluation des géomorphosites du Massif Făgăraș - Carpates Méridionales (Carpates Roumaines). Étude des vallées glaciaires Bâlea et Capra, Colloque international de Géomorphologie, Université Paris-Sorbonne (France), 10-11-12 juin 2009.

Popescu, Florentina, Voiculescu, M., Török-Oance, M. - Climate change adaptation of two ski resorts: Sinaia and Straja, EnE09 - The Fifth Regional Conference, Environment for Europe, Beograd-Serbia, June 4-5, 2009.

Voiculescu, M., Popescu, F. - The management of Snow avalanches in the Ski Areas in Southern Carpathians. Case study: Făgăraș massif and Bucegi Mountains, Identifying the Research Basis for Sustainable Development of the Mountain Regions in Southeastern Europe, Borovets, Bulgaria, 24-26 April, 2009.

Voiculescu, M., Germain, D. - A Dendrogeomorphic Approach for Snow Avalanche Hazards Assessment and Management Făgăraș massif - Southern Carpathians, Romanian Carpathians, IAG International Conference: Landslides, Floods and Global Environmental Change in Mountains Regions, Brașov, September, 15-26, 2008.

Voiculescu, M. - New directions of snow avalanche research in Făgăraș massif (Southern Carpathians), The Schedule of Sudeto-Carpathians Avalanche Services Meeting, Bâlea-Lac, Făgăraș Mountains, Romania, october 15-17, 2008.

Voiculescu, M. - The recent incidence of the climate change in mountain circulation routes. Case study: Southern Carpathians (Romanian Carpathians), 12th Belgium-France-Italy-Romanian Geomorphological Meeting „Climate change and related Landscapes”, Savona, Italy, 26th-29th September, 2007.

Germain, D., Voiculescu, M. L'impact des avalanches de neige sur la fragmentation des paysages d'altitude: Analyse comparée entre les massifs des Chic-Chocs (Canada) et des Carpates méridionales (Roumanie). Simpozionul annual de Geomorfologie, Gheorghieni, România, 2007.

Voiculescu, M. - Types of avalanches and their morphogenetical impact in Făgăraș Massif, Southern Carpathians; Carpatho-Balkan Conference on Geomorphology, Bratislava, Slovakia, September 8-12, 2003.

Urdea, P., Voiculescu, M., Török-Oance, M., Ardelean, M., Vuia, F. - Investigations of some present-day geomorphological processes in the alpine area of the Transylvanian Alps; Carpatho-Balkan Conference on Geomorphology, Bratislava, Slovakia, September 8-12, 2003.

Urdea, P., Voiculescu, M., Török-Oance, M., Ardelean, M., Vuia, F. - Aspects of human geomorphological impact in Alpine Area of Southern Carpathians, Carpatho-Balkan Workshop on Environmental change impacts in the Carpatho-Balkan Region, Paklenica-Starigrad, Croatia, 23-27 september, 2002.

Voiculescu, M. - The antropic impact and the dynamic of the mountain environnemnt in the Făgăraș Massif (Romanian Carpathians). Recent and perspective problems, „Community Development between Subsidy, Subsidiarity and Sustainability”, 30 september-04 octomber, Interlaken, Elveția, 2001.

Voiculescu, M. - Les implications sociales des phénomènes géographiques de risque en Roumanie. Les tremblements de terre et les inondations, „Les pouvoirs publics face aux risques naturels dans l'histoire”, Grenoble, Maison des Sciences de l'Homme-Alpes, 22-24 mars, 2001.

Voiculescu, M. - L'individualisation altitudinale, les phases d'humanisation et les indices d'alpinité du Massif Făgăraș-Carpates Roumaines, Séminaire Recherche sur la Montagne, Grenoble-Autrans, 4-10 juin, 2000.

Published papers (partial listing)

Voiculescu, M., Ianăș, A., Germain, D. 2019. Exploring the impact of snow vole (*Chionomys nivalis*) burrowing activity in the Făgăraș Mountains, Southern Carpathians (Romania): Geomorphic characteristics and sediment budget, *CATENA*, 181 (in press.) <https://doi.org/10.1016/j.catena.2019.05.016>

Voiculescu, M. 2017. Ch. 31 Snow Avalanche Activity in Southern Carpathians (Romanian Carpathians), in (eds. Rădoane, M. and Vespremeanu-Stroe, A.), *Landform Dynamics and Evolution in Romania*, Springer, 737-765. doi: 10.1007/978-3-319-32589-7_31

Török-Oance, M., Ardelean, F., Voiculescu, M., Salberg, A.-B., Milian, N. 2017. Ch. 7. Snow avalanche inventory and hazard assessment in Făgăraș Mountains, Southern Carpathians, in (edit. Stăncălie, Gh.) Remote sensing, model and in-situ data fusion for snowpack parameters and related hayards in a climate change perspective, Edit. Printech, 147-163.

Voiculescu, M., Ardelean, F., Török-Oance, M., Milian, N. 2016. Topographical factors, meteorological variables and human factors in the control of the main snow avalanche events in the Făgăraș massif (Southern Carpathians - Romanian Carpathians): Case studies., *Geographia Polonica*, Vol. 89, Issue 1, pp. 47-64. doi.org/10.7163/GPol.0045

Popescu, F., Ardelean, F., Voiculescu, M. 2016. Bucegi Mountains between development of new ski areas and preservation of natural heritage - analysis of snow-related parameters in the context of climate change, Proceedings of the Third European SCGIS Conference: "Geoinformation technologies for natural and cultural heritage conservation", 11-12 October 2016, Sofia, Bulgaria, Space Research and Technology Institute – Bulgarian Academy of Sciences.

Voiculescu, M., Onaca, A., Chiroiu, P. 2016. Dendrogeomorphic reconstruction of past snow avalanche events in Bâlea glacial valley - Făgăraș massif (Southern Carpathians), *Romanian Carpathians, Quaternary International*, 415, 286-302. doi: 10.1016/j.quaint.2015.11.115

Chiroiu, P., Ardelean, A.C., Onaca, A., Voiculescu, M., Ardelean, F. 2015. Assessing the anthropogenic impact on geomorphic Processes using tree-rings: a case study in the Făgăraș Mountains (Romanian Carpathians), *Carpathian Journal of Earth and Environmental Sciences*, Vol. 11, No. 1, 27-36.

Ardelean, F., Torok-Oance, M., Voiculescu, M. 2015. Snow avalanche tracks mapping in Bâlea glacial valley (the Făgăraș Mountains) using semiautomated detection methods, *Forum geografic. Studii și cercetări de geografie și protecția mediului*, Volume XIV, Issue 2, 95-100, <http://dx.doi.org/10.5775/fg.2067-4635.2015.041.d>

Gratton, M., Morin, S., Germain, D., Voiculescu, M. & Ianăș, A. 2015. Tourism and natural hazards in Bâlea glacial area valley, Făgăraș massif, Romanian Carpathians, *Carpathian Journal of Earth and Environmental Sciences*, Vol. 10, No 2, 19-32.

Voiculescu, M. 2014. Patterns of the dynamics of human-triggered snow avalanches at the Făgăraș massif (Southern Carpathians) - Romanian Carpathians, *Area*, 46.3, 328-336, doi: 10.1111/area.12111

Voiculescu, M., Onaca, A., 2014. Spatio-temporal reconstruction of snow avalanche activity using dendrogeomorphological approach in Bucegi Mountains-Romanian Carpathians, *Cold Regions Science and Technology*, 140-141, 63-75, <http://dx.doi.org/10.1016/j.coldregions.2014.04.005>

Voiculescu, M., Onaca, A., Chiroiu, P. 2013. Partie 1 Bois des cours d'eau, bois des versants, L'analyse de la dynamique forestiere et de l'impact mecanique des avalanches de neige sur les arbres en utilisant la methode dendrochronologique. Etude de la vallée glaciaire Bâlea – Massif Făgăraș (Carpates Meridionales, Roumanie), in Decaulne et al., (Edits.), *Arbres & dynamiques*, Maison des Sciences de l'homme, Presses Universitaires Blaise Pascal, Clermont Ferrand, 89-105.

Voiculescu, M., Onaca, A. 2013. Snow avalanche assessment in the Sinaia ski area (Bucegi Mountains, Southern Carpathians) using the dendrogeomorphology method, *Area* 45.1, 109-122. doi: [10.1111/area.120](https://doi.org/10.1111/area.120)

Voiculescu, M., Ardelean, F. 2012. Snow avalanche - disturbance of high mountain environment. Case study – the Doamnei glacial valley the Făgăraș massif-Southern Carpathians, Romanian Carpathians, *Carpathian Journal of Earth and Environmental Sciences*, Vol. 7, No. 1, 95-108.

Voiculescu, M., Popescu, F., Olaru, M. 2012. Patterns of Winter Tourism Activity in the Bucegi Mountains – the Prahova Valley (Southern Carpathians), *Forum geografic. Studii și cercetări de geografie și protecția mediului*, Volume XI, Issue 2, 182-194. doi: [10.5775/fg.2067-4635.2012.068.d](https://doi.org/10.5775/fg.2067-4635.2012.068.d)

Voiculescu, M., Ardelean, F., Onaca, A., Török-Oance, M. 2011. Analysis of snow avalanche potential in Bălea glacial area – Făgăraș massif, (Southern Carpathians-Romanian Carpathians), *Zeitschrift für Geomorphologie*, Stuttgart, Volume: 55, Issue: 3, Pages: 291-316, doi: [10.1127/0372-8854/2011/0054](https://doi.org/10.1127/0372-8854/2011/0054)

Voiculescu, M., Popescu, F. 2011. The management of Snow avalanches in the Ski Areas in Southern Carpathians. Case study: Făgăraș massif and Bucegi Mountains, in (edit. Zhelezov, G.) *Sustainable Development in Mountain Regions: Southeastern Europe*, Springer, 103-120. doi: [10.1007/978-94-007-0131-1_10](https://doi.org/10.1007/978-94-007-0131-1_10)

Voiculescu, M., Popescu, F., Onaca, A., Török-Oance, M. 2011. Ski activities in western part of Southern Carpathians. Case study: Straja ski area, *Analele Universității din Oradea - Seria Geografie*, Tom XXI, 2, 159-172.

Török-Oance, M. Ardelean, F., Voiculescu, M., Urdea P., Onaca, A. 2011. Object-Based Terrain Classification as Tool for Improving the Quality of the Digital Geomorphological Maps: a Case Study in Retezat- Godeanu Range (Southern Carpathians), *Annals of DAAAM for 2011 & Proceedings of the 22nd International DAAAM Symposium*, ISBN 978-3-901509-83-4, ISSN 1726-9679, pp. 0865-0866.

Török, M., Voiculescu, M., Ardelean, M., Popescu, F. 2010. The Use of the Digital Terrain Model in Analyzing the Natural Potential of the Muntele Mic – Poiana Mărului-Țarcu Mountains Tourist Area to Extend and Plan the Ski Domain, *Forum geografic. Studii și cercetări de geografie și protecția mediului*, Year 9, No. 9, 173-180.

Torok-Oance, M., Ardelean, Florina, Onaca A., Voiculescu, M., Urdea, P. 2010. The evaluation of different types of digital elevation models for geomorphological applications in mountain areas. *Annals of DAAAM for 2010 & Proceedings of the 21st International DAAAM Symposium*, Published by DAAAM International, Austria, 1413-1415.

Voiculescu, M., Onaca, A., Milian, N., Ardelean, F., Török-Oance, M., Stăncescu, M. 2010. Analysis of snow avalanche from mars 07, 2007 within the Călțun-Negoiu area, in the Făgăraș massif (Southern Carpathians), *Analele Universității din Oradea-Seria Geografie*, Tom XX, no. 1, 22-33.

Voiculescu, M. 2009. Snow avalanche hazards in the Făgăraș massif (Southern Carpathians): Romanian Carpathians - Management and perspectives, *Natural Hazards*, 51 (3): 459-475. doi: [10.1007/s11069-008-9281-z](https://doi.org/10.1007/s11069-008-9281-z)

Urdea, P., Török-Oance, M., Vuia, F., Ardelean, M., Voiculescu, M. 2009. Geomorphological Aspects of the Human Impact in the Alpine Area of Southern Carpathians (Romania), *Hrvatski Geografski Glasnik*, Vol. 71, br.1, 19-32.

Voiculescu, M. 2009. The Present-Day Erosional Processes in the Alpine Level of the Bucegi Mountains - Southern Carpathians, *Forum geografic. Studii și cercetări de geografie și protecția mediului*, Year 8, No. 8, 23-38.

Germain, D., Voiculescu, M. 2007. Les avalanches de neige dans les Chic-Choc (Canada) et les Carpates Méridionales (Roumanie). Bilan des connaissances et perspectives futures, *Revista de Geomorfologie*, vol. 9, 17-33.

Török-Oance, M., Voiculescu, M., Ardelean, M., Vuia, F., Török-Oance, R. 2006. Considérations sur les limites actuelles de l'étage alpin du Massif de Făgăraș (Carpates Roumaines) en utilisant la télédétection et les S.I.G., *Télédétection*, 6:3, Revue de recherche et d'application en télédétection, Contemporary Publishing International, 205-21.

Voiculescu, M. 2004. Types of Avalanches and their morphogenetical impact in Făgăraș Masiff - Southern Carpathians (Romania), *Geomorphologia Slovaca*, Číslo 1, ročník 4, Bratislava, 72-81.

Urdea, P., Vuia, F., Ardelean, M., Voiculescu, M., Török-Oance, M. 2004. Investigations of some present-day geomorphological processes in the Alpine area of the Southern Carpathians (Transylvanian Alps), *Geomorphologia Slovaca*, Číslo 1, ročník 4, Bratislava, 5-11.

Voiculescu, M., Török-Oance, M. (2004), La localizzazione del permafrost nel Massiccio Făgăraș mediante metodologie informatiche (Carpazi Meridionali Rumeni), *Terra glacialis*, annali di cultura glaciologica, Anno VII, Servizio Glaciologica Lombardo, Milano, Italy, pp. 155-171.

Urdea, P., Vuia, F., Ardelean, M., Voiculescu, M., Török., M. 2002-2003. Considerații preliminare asupra elevației periglaciare în etajul alpin al Carpaților Meridionali (Preliminary Considerations on Periglacial Elevation on the Alpine Zone of the Southern Carpathians), *Revista de Geomorfologie*, vol. 4-5, 5-15.

Voiculescu, M., 2002. Sulla morfologia subnivale e di superficie dei depositi nivali del Massicci del Făgăraș (Carpazi Rumeni), analisi preliminare (seconda parte), *Terra Glacialis*, Annali di Cultura Glaciologica, Anno V, Servizio Glaciologica Lombardo, Milano, Italy, pp. 103-113.

Voiculescu, M. 2001. Considerations of the dynamic of the morphogenetic processe in the Făgăraș Massif, *Revista de Geomorfologie*, 3, București, 2001, 47-61.

Voiculescu, M., 2001. Considerazioni sulla presenza della neve in estate nella zona periglaciale del Massiccio Făgăraș (Carpazi rumeni) (parte prima), *Terra glacialis*, Annali di cultura glaciologica, Anno IV, Servizio Glaciologica Lombardo, Milano, Italy, pp. 47-61.

Voiculescu, M. 2000. Morphodynamic Potential of the Cryo-Nival Belt in the Făgăraș Mountains, *Revista de Geomorfologie*, 2, București, 59-6.

Voiculescu, M., 2000. Considerations about permafrost prediction in the Făgăraș Massif (Southern Carpathians), *Studia Geomorphologica Carpatho-balcanica*, Vol. XXXIV, Polska Akademia Nauk-Oddział W Krakowie, Komisja Nauk Geograficznych, 123-135.

Specific research experience

Projet manager

PN-III-P1-1.1-MC-2018-2442 - A history of snow avalanche accidents in the Romanian Carpathians.

Project number PN-III-P1-1.1-PD-2016-0172 - Exploring permafrost occurrence and evolution in Rila and Pirin Mountains (Bulgaria) using a combined geomorphological, geophysical and dendrochronological approach, Project manager Dr. Onaca, A.; Mentor Dr. Habil. Voiculescu, M.

EAA-JRP-RO-NO-2013-1-0285 Snowball - Remote sensing, model and in-situ data fusion for snowpack parameters and related hazards in a climate change (SnowBall).

CNCSIS, National Plan for Research, Development and Innovation - PN II, Program Ideas, 2009-2011: Creation of the data base and thematic maps for the ski areas in the Southern Carpathians using GIS. Analysis, up to date evaluation and prognosis within the global climatic changes perspective.

CNCSIS, 957, type A, 2004-2007: The analysis of climate and mountain environment dynamics in Southern Carpathians in the perspective of global change using the dendroclimatological, dendrogeomorphological and dendroecological methods.

Programme d'Études Canadienne: Bourse de Recherche, Europe Centrale et Autres Pays, 29.09.2003-29.10.2003.

Member

CNCSIS, National Plan for Research, Development and Innovation - PN II, Program Ideas, 2009-2011: Methods for digital terrain analysis and automatic classification of the relief in the mountain area based on digital terrain models and remote-sensed data.

PNCDI2 32-140, 2008-2011: Complex method for the building of the digital geomorphological map of Romania using GIS/Remote sensing techniques (GEOMORF), Agenția Spațială Română (ROSA)/Romanian Space Agency;

Research and development contract and consultancy 8780/2008, S.C. GEOTOP S.R.L. Odorheiu Secuiesc, 2008-2011: The development of the Timis County GIS: building the geodatabases for the protected areas, hazard phenomena, the history of the county, the potential for tourism activities and natural resources.

Timișoara
April 16, 2019

PhD. Professor, habil.
Mircea VOICULESCU

