



Professor in Physical Geography

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Curriculum Vitae

Education and Training

- 2015, PhD advisor in Geography (habilitation thesis in April 2015);
- 2005, Ph.D. Degree – University of Bucharest (Faculty of Geography), paper-work: *The Arges Valley in the mountain sector. Geomorphological Study*;
- 1998, MSc Degree in „Dynamic Geomorphology and Environmental Protection” – University of Bucharest (Faculty of Geography, Geomorphology Dept.);
- 1997, BSc Single Hons (Geography, specialization- Geomorphology- Pedology) – University of Bucharest (Faculty of Geography);

Teaching activity

- General Geomorphology;
- Physical Geography;
- Regional Geography of Romania;
- Physical geography of Romania
- Geomorphology of Romania;
- Mountain area - mapping, evaluation, landscaping;

Research interest

- Applied Geomorphology;
- The dynamics of glacial and periglacial landforms;
- Geomorphological risks;
- Relief relationship - anthropic activities;
- Organization and arrangement of mountainous areas;

Selection of publications

- NEDELEA ALEXANDRU, COMĂNESCU LAURA, OPREA RĂZVAN, (2009), *The ecoclimatic indexes specific for the Arges valley (Fagaras Mountains, the Southern Carpathians, Romania)*, International Journal of Physical Sciences Vol. 4 (12), pp. 796–805, ISSN 1992-1950.
- COMĂNESCU LAURA, NEDELEA ALEXANDRU, (2010), *Analysis of some representative geomorphosites in the Bucegi Mountains: between scientific evaluation and tourist perception*, <http://www3.interscience.wiley.com/journal/119879254/issue>, Area, Nr.4, vol.42, pag. 406-416, DOI: 10.1111/j.1475-4762.2010.00937.x.
- MUNTEANU ANCA, NEDELEA ALEXANDRU, COMĂNESCU LAURA, (2011), *The dynamics of the snow avalanche affected areas in Piatra Mica mountains (Romania)*, *Comptes Rendus Geosciences*, 343 (10), p. 691–700 [doi:10.1016/j.crte.2011.08.001](https://doi.org/10.1016/j.crte.2011.08.001).
- NEDELEA ALEXANDRU, COMĂNESCU LAURA, (2011), *Present day relief-shaping systems acting on the southern slope of the Făgăraș Mountains (Romania)*, *J. Earth Syst. Sci.* **120**, No. 6, December 2011, pp. 1023–1032, doi: 10.1007/s 12040-011-0124.
- NEDELEA ALEXANDRU., MUNTEANU ANCA, OPREA RĂZVAN., COMĂNESCU LAURA, DOBRE R., (2011) – *Cryo-nival modeling system. Case study: Făgăraș and Piatra Craiului Mountains*, *Revista de Geomorfologie*, nr. 13, Editura Universității București, ISSN 1453 – 5068.
- COMĂNESCU LAURA, NEDELEA ALEXANDRU, (2012), *The assessment of geodiversity – a premise for declaring the geopark Buzăului County (Romania)*, *J. Earth Syst. Sci.* **121**, No. 6, December 2012, pp. 1493–1500, doi: 10.1007/s 12040-011-0124.
- NEDELEA ALEXANDRU, COMĂNESCU LAURA, (2012), *Types of glacial landforms on Capra Valley (The Fagaras Mountains-Romania)*, *Advances in Applied Science Research*, 3 (6), pp. 3970-3980, ISSN: 0976-8610.
- BANDOC GEORGETA, MATEESCU RĂZVAN, DRAGOMIR ELENA, GOLUMBEANU MARIANA, COMĂNESCU LAURA, NEDELEA ALEXANDRU, (2014), *Systemic Approach of the Impact Induced by Climate Changes on Hydrothermic Factors at the Romanian Black Sea Coast*, *Journal of Environmental Protection and Ecology*, vol.15, nr.2, pag. 455- 468.
- COMĂNESCU LAURA, NEDELEA ALEXANDRU, DOBRE ROBERT, BANDOC GEORGETA, (2014), *Inventing the Principal Geomorphosites for Determining Geomorphodiversity. Case Study – the Central Sector of the Bucegi Mountains (the Carpathians, Romania)*, *Journal of Environmental Protection and Ecology*, vol.15, nr.4, pag. 1849-1857.
- MUNTEANU ANCA, PETRE CĂTĂLINA, NEDELEA ALEXANDRU, COMĂNESCU LAURA, SĂFTOIU LUMINIȚA, (2014), *Local conditions and impacts of the avalanches. Case studies in representative sectors within Piatra Craiului and Făgăraș Mountains*, *Riscuri și Catastrofe*, nr. XIII, vol. 14, nr. 1, ISSN: 1584-5273, EISSN: 2067-7694.
- COMĂNESCU LAURA, NEDELEA ALEXANDRU, (2015), *Public perception of the hazards affecting geomorphological heritage—case study: the central area of Bucegi Mts. (Southern Carpathians, Romania)*, *Environmental Earth Sciences*, DOI 10.1007/s12665-014-4007-x, vol.73, nr.12, 8487-8497.
- PETRE CĂTĂLINA, NEDELEA ALEXANDRU, COMĂNESCU LAURA, MUNTEANU ANCA, (2012), *Terrain susceptibility to geomorphological processes and their impact on tourism infrastructure in the Sâmbata valley (Făgăraș Mountains, Romania)*, *Procedia Environmental Sciences - Landscape, Environment, European Identity*, 4-6 November, 2011, Bucharest, 14, p. 257-266.

- COMĂNESCU LAURA, NEDELEA ALEXANDRU, (2016), *Floods and public perception on their effect. Case Study: Tecuci Plain (Romania), year 2013*, Procedia Environmental Sciences - International Conference – Environment at a Crossroads: SMART approaches for a sustainable future, 32, 190 – 199, doi: 10.1016/j.proenv.2016.03.024, ISBN: 9781510836228.
- COMĂNESCU LAURA, NEDELEA ALEXANDRU, STĂNOIU GABRIEL (2017), *Geomorphosites and geotourism in Bucharest City Center (Romania)*, Quaestiones Geographicae, 36(3), 51-61, doi: 10.1515/quageo-2017-0029.

Books / chapters (selection)

- NEDELEA A., (2006), *Valea Argeşului în sectorul montan - studiu geomorfologic*, Editura Universitară, Bucureşti, ISBN 978-973-749-054-4, ISBN 973-749-054-1.
- IELENICZ M., NEDELEA A., (2009), *Dicţionar de geomorfologie*, Editura Universitară, Bucureşti, ISBN: 978-973-749-727-7.
- COMĂNESCU LAURA, IELENICZ M., NEDELEA A., (2010), *Relieful şi valorificarea lui în turism*, Edit. Ars Docendi, Bucureşti, pag.264, ISBN 978- 973-558-525-9.
- MUNTEANU ANCA, NEDELEA A., MILIAN NARCISA, (2012), *Avalanşele. Condiţii – tipuri – riscuri*, Editura Universitară, Bucureşti, ISBN 978-606-591-475-9.
- IELENICZ M., NEDELEA A., COMĂNESCU LAURA, (2013), *Lexicon de geomorfologie*, Edit. Universitară, Bucureşti, ISBN 978-606-591-641-8, DOI: 10.5682/9786065916418.
- COMĂNESCU LAURA, NEDELEA A., (2016), *Geomorphosites assessments of the glacial and periglacial landforms from Southern Carpathians*, Landform Dynamics and Evolution in Romania, Springer, pag. 215-249, ISBN 978-3-319-32589-7, DOI 10.1007/978-3-319-32589-7.