

1. Personal information

Name and surname: Lucian DRĂGUȚ

Date and place of birth: January 10, 1970, Drobeta Turnu Severin, Romania

Present academic position: Professor, Department of Geography, West University of Timișoara, Romania

Phone number, e-mail address: +40 256 592285, lucian.dragut@fulbrightmail.org

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2. Education

1996-2003 'Babeș-Bolyai' University Cluj-Napoca, Romania, Ph.D. Geography.

1995-1996 'Babeș-Bolyai' University Cluj-Napoca, Romania, M.Sc. Applied Geomorphology.

1990-1995 West University of Timișoara, Romania, B.A. Geography.

3. Professional experience

October 2004- present. Lecturer, Associate Professor and Professor, Department of Geography, West University of Timișoara, Romania.

March-May 2020. Visiting scientist, Department of Physical Geography and Geoecology, Comenius University in Bratislava.

January-March 2013. Visiting Associate Professor, Center for Spatial Information Science (CSIS), The University of Tokyo.

May 2006- September 2011. Marie Curie Fellow and project manager, Z_GIS - Centre for Geoinformatics & Department of Geography and Geology, University of Salzburg, Austria.

October 2005- March 2006. Fulbright Senior Fellow, CAST - Center for Advanced Spatial Technologies, University of Arkansas, USA.

October 2002- May 2003. Visiting scientist, Z_GIS - Centre for Geoinformatics, University of Salzburg, Austria.

October- December 1999. Visiting scientist, Department of Geography, University of Ottawa, Canada.

October 1996- September 2004. Teaching Assistant and Lecturer, Department of Geography, 'Babeș-Bolyai' University Cluj-Napoca, Romania.

4. Research interests

Geomorphometry, Remote sensing, Spatial Analysis, Geographical Information Science.

Citations (WoS; self-citations excluded): 2000+; h-index: 14; EUR 600.000+ research funds.

5. Selected publications

1. Sîrbu, F., **Drăguț, L.**, Oguchi, T., Hayakawa, Y., Micu, M., 2019. Scaling land-surface variables for landslide detection. *Progress in Earth and Planetary Science*, 6:44. Corresponding author.
2. **Drăguț, L.**, Belgiu, M., Popescu, G., Bandura, P., 2019. Sensitivity of multiresolution segmentation to spatial extent. *International Journal of Applied Earth Observation and Geoinformation*, 81, 146-153. Main author.
3. **Drăguț, L.**, Dornik, A., 2016. Land-surface segmentation as a method to create strata for spatial sampling and its potential for digital soil mapping. *International Journal of Geographical Information Science* 30: 1359-1376. Main author.
4. **Drăguț, L.**, Csillik, O., Eisank, C., Tiede, D., 2014. Automated parameterization for multi-scale image segmentation on multiple layers. *ISPRS Journal of Photogrammetry and Remote Sensing* 88: 119-127. **Highly Cited Paper**. Main author.
5. **Drăguț, L.** and Eisank, C., 2012. Automated object-based classification of topography from SRTM data, *Geomorphology*: 141-142: 21-33. Main author.
6. **Drăguț, L.**, Eisank, C. and Strasser, T., 2011. Local variance for multi-scale analysis in geomorphometry, *Geomorphology* 130: 162-172. Main author.
7. **Drăguț, L.** and Eisank, C., 2011. Object representations at multiple scales from Digital Elevation Models, *Geomorphology* 129: 183-189. Main author.
8. **Drăguț, L.**, Tiede, D. and Levick, S., 2010. ESP: a tool to estimate scale parameters for multiresolution image segmentation of remotely sensed data, *International Journal of Geographical Information Science* 24: 859-871. **Highly Cited Paper**. Main author.
9. **Drăguț, L.**, Schauppenlehner, T., Muhar, A., Strobl, J. and Blaschke, T., 2009. Optimization of scale and parameterization for terrain segmentation: an application to soil-landscape modeling, *Computers & Geosciences* 35: 1875-1883. Main author.

10. **Drăguț, L.** and Blaschke, T., 2006. Automated classification of landform elements using object-based image analysis, *Geomorphology* 81: 330-344. Main author.

6. Awards

- “Ad Astra” Award for Earth and Spatial Sciences (EES), Ad Astra Association (2016).
- “Mircea Zăgănescu” Award for Excellence in Research, West University of Timișoara (2015).
- Best Poster Presentation Award, GEOBIA2014 (with Ovidiu Csillik).
- Top Cited Author in *Geomorphology* in the last five years, Elsevier (2011).
- Marie Curie Fellowship, European Commission (2006).
- Occasional Lecturer Program Award, USA (2006).
- Fulbright Senior Fellowship, USA (2005).
- Ernst Mach Scholarship, Austria (2002).
- Governmental Scholarship, Romania (1999).

7. Synergistic activities

- Scientific Board of the Earth Sciences Committee, National Council for Certification of Titles, Diplomas and Certificates (since June 2016).
- Scientific Board of the Earth Sciences Committee, Romanian National Research Council (2011-2013).
- Editorial Board member *Geomorphology* (since 2014).
- Scientific evaluator for National Research Council (Romania), Romanian-U.S. Fulbright Commission, Belgian Earth Observation Platform, National Science Foundation (USA).
- Reviewer for international journals: *Geomorphology*, *ISPRS Journal of Photogrammetry and Remote Sensing*, *Ecological Indicators*, *International Journal of Geographical Information Science (IJGIS)*, *Remote Sensing of Environment*, *Computers & Geosciences*, *International Journal of Remote Sensing*, *Remote Sensing*, *Arabian Journal of Geosciences*, *Cartography and Geographic Information Science (CaGIS)*, *Earth Surface Processes and Landforms*, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (IEEE-J-STARS)*, *Journal of Geographical Systems*, *Journal of Maps*, *Journal of Spatial Information Science*, *Landscape and Urban Planning*, *Natural Hazards*, *PeerJ*. (<https://publons.com/researcher/726555/lucian-dragut>).
- Scientific Committee: International Society of Geomorphometry (geomorphometry.org); Geomorphometry 2009, 31 August- 2 September 2009, Zurich, Switzerland; Geomorphometry 2011, September 7-11, 2011, Redlands, California, USA; GEOBIA 2012, May 7-9, 2012, Rio de Janeiro, Brazil; Forum Carpaticum 2012, May 30-June 02, 2012, Stara Lesna, Slovakia; IAG/AIG International Workshop on “Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier”, October 15-19, 2012, Salerno, Italy; Geomorphometry 2013, 16-20 October 2013, Nanjing, China; Geomorphometry 2015, 22-26 June 2015, Poznan, Poland; GEOBIA 2016, September 14-16, 2016, Enschede, The Netherlands; Geomorphometry 2018, 13-17 August 2018, Boulder, Colorado, USA; Geomorphometry 2020, 22-26 June 2020, Perugia, Italy.
- Convener: Symposium ‘The third and fourth dimensions of landscapes’, European IALE Conference, July 14, 2009, Salzburg, Austria.
- Co-convener: session ‘Image Analysis & Remote Sensing’ (IMG1), IAMG2011, September 5-9, 2011, Salzburg, Austria.