



Alexandru-Ionuț Petrișor

Curriculum vitae

Contact

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[http://\(www\).environmetrics.ro/](http://(www).environmetrics.ro/)

Professional experience

- ❖ Assistant Professor, January 2007 - present, Department of Urban and Landscape Planning, Faculty of Urbanism, "Ion Mincu" University of Architecture and Urbanism, Bucharest, Romania
- ❖ Associate Professor, October 2007 - February 2009, Department of Theoretical Study of Architecture, Faculty of Architecture, *Spiru Haret* University, Bucharest, Romania
- ❖ Researcher/ ecologist, June 2007 - present, Scientific Director for Urbanism and Territorial Development (starting May 2010), President of the Scientific Committee (elected January, 2011), Member of the Administration Council (starting January 2011), National Research and Development Institute for Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC, Bucharest, Romania
- ❖ Referent (June 20 - December, 19 2005), expert (June 20, 2005 - May 31, 2007), Ministry of Transport, Constructions and Tourism, General Division of Urban and Spatial Planning and Housing, Bucharest, Romania
- ❖ Assistant, January 2002 - May 2004, Researcher (May 2004 - May 2005), University of South Carolina, Arnold School of Public Health, Department of Environmental Health Sciences, Laboratory of Microbial Interactions, Columbia, SC, USA
- √ Short term work experience in different projects, hourly-paid positions, collaborations and volunteering in the US (1998-2005) and Romania (1995 - present)
- √ Researcher in 11 grants obtained by competition (2 - US, 1 - Germany, 1 - EU, 7 - Romania), head of the research project ESPON CLIMATE "Climate change and territorial effects on regions and local economies in Europe" (November 2010) and "From Army To Entrepreneurship" (January 2011)

Education and training

- ❖ PhD in Geography, September 2011, Faculty of Geography, University of Bucharest, Romania
- ❖ Principal Expert Evaluator/Principal Expert Auditor for environmental impact assessment and environmental balances, April 11, 2008, Ministry of Environment and Sustainable Development and National Environmental Protection Agency
- ❖ Signature rights for parts of urban and spatial planning documents, January 18, 2007, Registry of Romanian Urban Planners
- ❖ PhD in Ecology, May 2004, University of South Carolina, Arnold School of Public Health, Department of Environmental Health, Columbia, SC, USA
- ❖ MSPH in Biostatistics, May 2000, University of South Carolina, Arnold School of Public Health, Department of Epidemiology and Biostatistics, Columbia, SC, USA
- ❖ BS in Ecology including the Teaching certification, July 1997, UNESCO-Cousteau Department of Ecology, Faculty of Biology, University of Bucharest, Romania
- √ Short courses and workshops in the USA and Romania
- √ 72 scientific and professional meetings attended in the US, France, Luxemburg, Slovakia, Serbia, Croatia, Italy, Bosnia and Herzegovina, Japan and Romania with the deliverance of a presentation and 131 without

Publications and presentations

- ❖ Most important 10 publications
- 1. **Petrișor AI** (2011), *Systemic theory applied to ecology, geography and spatial planning. Theoretical and methodological developments*, 172 pp., ISBN 978-3-8465-0260-0, LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany - 6 indexations
- 2. **Petrișor AI** (2011), *Higher education post-Bologna: required changes, instruments and ethical aspects*, *Acta Didactica Napocensia* 4(2-3):39-45 - 1 indexation
- 3. **Petrișor AI**, Ianoș I, Tălângă C (2010), *GIS analysis of wetland cover by NATURA 2000 sites*, *Environmental Engineering and Management Journal* 9(6):765-771 - 2 indexations
- 4. **Petrișor AI** (2010), *Using Geographical Information Systems to assess the coverage of wetland biodiversity by Natura 2000 sites within the biogeographical regions of Romania*, *Environmental Engineering and Management Journal* 9(2): 269-273 - 2 citations, 2 indexations
- 5. **Petrișor AI** (2010), *Ethical Issues in Epidemiological Data Analysis*, *Romanian Journal of Bioethics*, 8(1):101-109 - 1 citation, 2 indexations
- 6. Dragomirescu L, **Petrișor AI** (2009), *Elements of numerical ecology and modeling*, 189 pp., ISBN 978-973-558-457-3, Editura Ars Docendi, Bucharest, Romania - 2 citations, 1 mention, 1 indexation
- 7. **Petrișor AI** (2008), *Urban ecology, sustainable spatial development and legislation*, 272 pp., ISBN 978-973-163-305-3, Editura Fundației România de mâine, Bucharest, Romania - 1 citation, 2 mentions, 2 indexations

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| <p>Aptitudes and competences</p> <p>Foreign languages</p> <p>Know-ledge and aptitudes</p> | <p>8. Petrișor AI, Drane JW, Dragomirescu L (2006), <i>The DAC statistic: properties and use in detection of clusters</i>, <u>Scientific Bulletin Series A: Applied Mathematics and Physics</u> 68(2):19-34 - 3 indexations</p> <p>9. Petrișor AI, Decho AW (2004), <i>Using geographical information techniques to quantify the spatial structure of endolithic boring processes within sediment grains of marine stromatolites</i>, <u>Journal of Microbiological Methods</u> 56(2):173-180 - 8 citations, 2 mentions, 34 indexations</p> <p>10. Petrișor AI, Close JM (2002), <i>Electronic Health Care Records in Europe: Confidentiality Issues from an American Perspective</i>, <i>Electronic Health Records and Communication for Better Health Care</i>, Mennerat F. (Editor), IOS Press, vol. 87:44-46, ISBN 978-1-58603-253-1 - 1 citation, 23 indexations</p> <p>❖ Total: 197 <u>printed papers</u>: 99 journal papers (58 citations, 11 mentions, 189 indexations in international databases), 19 books/chapters (5 citations, 16 mentions, 14 presences in international databases), 4 theses (3 citations, 12 presences in international databases), 16 conference papers (1 citation, 3 presences in international databases), 50 conference abstracts (20 presences in international databases), 3 Internet articles, 3 Internet abstracts, 3 research reports; 190 <u>presentations</u>: 28 posters (1 citation), 80 conference presentations (16 mentions), 7 public presentations, 75 courses/lectures; 26 <u>regulations</u>; 10 <u>papers in progress</u></p> <p>❖ Maternal language: Romanian</p> <p>❖ English and French - native fluency in reading, writing and speaking</p> <p>❖ Polish - courses during 1990-1992 at the Polish Embassy in Bucharest, Romania</p> <p>❖ Italian, Spanish and Latin (self-learning) - understanding spoken and written language</p> <p>❖ Japanese (self-learning) - basic conversation</p> <p>❖ Advanced use of computer</p> <ul style="list-style-type: none"> ▪ Statistics: Epi-Info, SPSS, SAS (over 11 years), Minitab, S-Plus, Statistica, StatView, Excel (over 13 years) ▪ Image processing and analysis: Paint Shop Pro (over 11 years), Erdas Imagine (over 8 years), Confocal Assistant, Image-J ▪ GIS (over 9 years): ArcView GIS, ArcGIS <p>❖ Experience in images digital analysis and classification (over 9 years), use of GIS in quantitative data analysis (over 9 years), choosing and using appropriate statistical methods and interpreting results (over 16 years)</p> <p>❖ Use of laser confocal microscope</p> <p>❖ Driver's license (automobiles) since August 2002</p> |
| <p>Additional information</p> | <p>❖ Memberships: 15 professional organizations, 10 cultural or foreign languages conversation organizations, and 5 sport clubs (ballroom dancing, fencing and fishing)</p> <p>❖ 32 distinctions and mentions - the most important are:</p> <ul style="list-style-type: none"> ▪ Urban Concept Diploma for the constant activity toward sustainable spatial development, April 2009, OSC and AASJ, Predeal, Romania ▪ Inclusion of biography in <i>The encyclopedia of Romanian personalities, Empire Who's Who Honors Edition, Empire Who's Who Registry, Madison Who's Who Honors Edition, Madison Who's Who Registry, Marquis Who's Who in America</i> and <i>AdAstra Who's Who database of Romanian scientists and scientists interested in Romanian science</i>, 2004-2008 ▪ Honorary Diploma <i>Partner for sustainable development</i>, 2006, League of Homeowners Association HABITAT, Bucharest, Romania <p>❖ 11 public profiles in databases of worldwide recognized specialists, co-advisor of 4 Bachelor's theses (2003, 2004, 2008, 2010), external reviewer of two doctoral dissertations (2008 and 2011), peer reviewer for 17 international and 2 Romanian peer reviewed journals</p> <p>❖ Editor-in-Chief of <i>IAFOR Journal of Sustainability, Energy and the Environment</i> (January 2012), Executive Editor of <i>Urbanism. Arhitectură. Construcții</i> (November 2010) and member of the Editorial Board of <i>Journal of Urban and Regional Analysis</i> (November 2009)</p> <p>❖ 22 referrers from Romania and the US; other recommendations may be furnished upon request.</p> |
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