



LISTA COMPLETA DE LUCRARI

Dr. Florin-Constantin MIHAI

A . Cărți și capitole științifice publicate

1. **Mihai FC (Ed.) 2016. *E-Waste in Transition – from Pollution to Resource*.** InTech Open . Janeza Trdine 9, 51000 Rijeka, Croatia. <http://dx.doi.org/10.5772/60487>. 182 pag. Print ISBN 978-953-51-2499-3; Online ISBN 978-953-51-2500-6
2. **Mihai FC and Gnoni MG .2016** E-waste management as a global challenge (Introductory chapter) : In Mihai FC (ed) *E-Waste in Transition – from Pollution to Resource* . InTech Open. Rijeka. Croatia. <http://dx.doi.org/10.5772/64596> pp. 1-8

B Articole științifice publicate în reviste indexate ISI (Web of Science Core Collection)

B1. Articole ISI cu factor de impact

1. **Mihai F-C**, Ingrao C, Assessment of biowaste losses through unsound waste management practices in rural areas and the role of home composting, *Journal of Cleaner Production* (2016), doi: 10.1016/j.jclepro.2016.10.163. In Press (Accepted 27 October) IF (2015): 4.959 5YR IF: 5.315 (JCR 2016) AIS (0.833 – JCR2015)
2. **Mihai F-C** 2016. East European recycling society: the first steps of rural communities from Neamt County, Romania. A Glance at the World. *Waste Management* 56 I-III [http://dx.doi.org/10.1016/S0956-053X\(16\)30465-2](http://dx.doi.org/10.1016/S0956-053X(16)30465-2) (Elsevier), ISI IF(2015) 3.829 ; 5YR IF: 4.297 AIS (0.871 – JCR2015)

B2. Conferințe indexate ISI

1. **Mihai, F.C.**, Oiste A.M., Chelaru D.A. , 2014, *Rural waste generation : a geographical survey at local scale* , 14th International Multidisciplinary Scientific GeoConference on ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION SGEM 2014, Conference Proceedings, vol.1 : 585 – 593, ISSN 1314-2704, DOI: 10.5593/SGEM2014/B51/S20.080
2. Chelaru D.A., Oiste A.M., **Mihai, F.C.**, *Quantifying the changes in landscape configuration using open source GIS. Case study: Bistrita subcarpathian valley, Romania*, 14th International Multidisciplinary Scientific GeoConference on ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION SGEM 2014, Conference Proceedings, vol 1: 557 – 565, ISSN 1314-2704, DOI: 10.5593/SGEM2014/B51/S20.076
3. **Mihai, F.C.**, 2013, *Quantitative assessment of household waste disposed in floodplains of rivers from extra-Carpathian region of Neamț county, Romania*, 13th International Multidisciplinary Scientific GeoConference on ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2013 ,

Conference Proceedings vol1: 781-788, ISSN 1314-2704 (ISBN 978-619-7105-04-9), DOI:10.5593/SGEM2013/BE5.V1/S20.103

4. **Mihai, F.C.**, Apostol,L., Chelaru D.A., Ursu, A., 2013, *EU acquis compliance on urban waste management. Case study: Piatra Neamt , Romania* , 13th International Multidisciplinary Scientific GeoConference on ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2013 , Conference Proceedings vol 1: 423-430, ISSN 1314-2704, (DOI:10.5593/SGEM2013/BE5.V1/S20.056)

5. **Mihai, F.C.**, Ursu, A., Ichim,P., Chelaru, D.A., 2013, *Determining rural areas vulnerable to illegal dumping using GIS techniques. Case study: Neamț county, Romania* , 13th International Multidisciplinary Scientific GeoConference on ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2013 Conference Proceedings vol 1 : 275-282, ISSN 1314-2704 (ISBN 978-619-7105-04-9) DOI:10.5593/SGEM2013/BE5.V1/S20.037

6. Chelaru D.A., Apostol,L., **Mihai, F.C.**, Ursu, A., Restructuring the post-industrial landscape of Bistrita subcarpathian valley , Romania, 13th International Multidisciplinary Scientific GeoConference on INFORMATICS, GEOINFORMATICS AND REMOTE SENSING, SGEM 2013 ,Conference Proceedings vol 1 : 881-888, DOI:10.5593/SGEM2013/BB2.V1/S11.035 , ISSN 1314-2704

7. Chelaru D.A., Ursu, A., Roșca B., **Mihai, F.C** , Analysing the spatio-temporal evolution of built-up area in Bistrita subcarpathian valley using G.I.S techniques, 13th International Multidisciplinary Scientific GeoConference on INFORMATICS, GEOINFORMATICS AND REMOTE SENSING ,SGEM 2013 , vol 1 :, 637-644, DOI:10.5593/SGEM2013/BB2.V1/S11.004. ISSN 1314-2704

8. **Mihai, F.C.**, Apostol,L., Ghiurcă A.A., Lămășanu A., *Spatio-temporal analysis of Romania's rural population access to sanitation services in the context of EU accession*, 12th International Multidisciplinary Scientific GeoConference, SGEM 2012 , Conference Proceedings, vol 5, pp.787-792, ISSN 1314-2704 (DOI: 10.5593/sgem2012/s20.v5106)

9. **Mihai, F.C.**, Apostol, L., Ghiurca , A.A, Lămășanu A., Bănică Al., *Geographical distribution of rural dumpsites in North-East Region from Romania*, 12th International Multidisciplinary Scientific GeoConference SGEM 2012, Conference Proceedings, vol 5, pp. 447-452, ISSN 1314-2704 (DOI: 10.5593/sgem2012/s20.v5060)

C. Articole cotate BDI

1. **Mihai, F.C.**, (2015) Accessibility of waste collection services in Romania: a multi-scale analysis in EU context using thematic cartography, Bollettino dell'Associazione Italiana di Cartografia 154 : 80-89 DOI: 10.13137/2282-472X/11829 <http://hdl.handle.net/10077/11829>

2. **Mihai, F.C.** (2015) Spatial distribution of rural dumpsites parameters in Romania, Bollettino dell'Associazione Italiana di Cartografia 154:90-98 DOI: 10.13137/2282-472X/11830 <http://hdl.handle.net/10077/11830>

3. Oiste A.M , **Mihai, F.C.**, Chelaru D.A, (2015) Soundscape in North-Eastern Part of Iasi City (Sararie – Ticau District) Bulletin USAMV series Agriculture 72(1), pp.179-186 DOI 10.15835/buasvmcn-agr:11190 (Web of Knowledge via Zoological Record , Thomson Reuters Master Journal list, EBSCO, DOAJ, CABI, Index Copernicus etc)

4. **Mihai, F.C.**, 2013, *Development of MSW collection services on regional scale : spatial analysis and urban disparities in North-East Region, Romania*, AGD Environment & Landscape, 7 (1): 13-18, ISSN 1789-4921 (print),1789-7556 (online), Debrecen, Hungary . (EBSCO , Genamics , DOAJ, OARE, Open J-GATE, CABI, ScienceGate, Ulrichweb). <http://dx.doi.org/10.5281/zenodo.19118>

5. **Mihai F.C.**, 2013. *Quantitative assessment method of illegal dumping in small rivers. Case study: Neamt County, Romania* , Bulletin UASVM Agriculture, serie 70 (2) , 397-402 , Print ISSN (1843-5246) (Web of Knowledge via Zoological Record , Thomson Reuters Master Journal list, EBSCO, DOAJ, CABI, Index Copernicus etc) <http://dx.doi.org/10.5281/zenodo.19133>

6. **Mihai F.C.**, 2013 Estimations of flood waste from rural dumpsites located on floodplains from Neamț, County, Romania, Bulletin UASVM Agriculture, serie 70 (2) short. com., 447-448 (Web of

Knowledge via Zoological Record , Thomson Reuters Master Journal list, EBSCO, DOAJ, CABI, Index Copernicus etc) <http://dx.doi.org/10.5281/zenodo.19135>

7. Mihai F.C., Apostol L., Ursu A., Ichim P., 2013 *Landfills as anthropogenic landforms in urban environment from Neamț county*. AES Bioflux 5 (2):100-108. ISSN 2066-7620 (online 2065-7647)

(Web of Knowledge via Zoological Record, Thomson Reuters - Master Journal List, CABI, Socolar,OpenJ-Gate, Ebscohost, Geobase, CNCSIS B+) <http://dx.doi.org/10.5281/zenodo.19125>

8. Mihai F.C., Ichim P., 2013, *Landfills – territorial issues of cities from North-East Region, Romania*, Forum Geografic. Geographical studies and environment protection research, 12 (2), 201-210, **doi:10.5775/fg.2067-4635.2013.244d**, (EBSCO, DOAJ, Index Copernicus, Proquest, Crossref, WorldCat), ISSN 1583-1523, online : 2067-4635

9. Mihai, F.C., Lămășanu, A., 2013, *Spatial analysis of dumpsites volumes from rural territory Case study: Neamț County, Romania*, Forum Geografic. Geographical studies and environment protection research, 12 (1): 59-66, **doi:10.5775/fg.2067-4635.2013.063.i** (EBSCO, DOAJ, Index Copernicus, Proquest, Crossref, WorldCat), ISSN 1583-1523

10. Mihai, F.C., 2013, *Performance assessment method of urban waste management systems from Neamț County, Romania*, Present Environment and Sustainable Development, 7 (1): 160-167, ISSN: 1843-5971 <http://dx.doi.org/10.5281/zenodo.19120> (EBSCO, DOAJ , Index Copernicus, Genamics, Ulrichsweb)

11. Mihai, F.C., 2013, *Tourism implications on local waste management. Case study: Neamț County*, Present Environment and Sustainable Development, 7 (1): 214-221, ISSN: 1843-5971 (EBSCO, DOAJ , Index Copernicus, Genamics, Ulrichsweb) <http://dx.doi.org/10.5281/zenodo.19119>

12. Mihai, F.C., Lămășanu, A., Apostol,L., 2012, *Regional disparities in urban population access to sanitation services.Case study: Romania*, Mediterranean Journal of Social Sciences, Special issue ,vol 3(6), pp.273-279 ISSN 2039-9340 (print version) / pp.281-287 ,ISSN 2039-2117 (online version) Rome, Italy <http://dx.doi.org/10.5281/zenodo.8662> (Proquest- Social Science Index, EBSCOhost etc)

13. Mihai, F.C., 2012, *Improper Household Waste Disposal in Rural Territory.Case Study: Neamț County,Romania*, Bulletin UASVM Agriculture, serie 69 (2) , 15-20, Print ISSN (1843-5246) (Web of Knowledge via Zoological Record, Thomson Reuters Master Journal list, EBSCO, DOAJ, CABI, Index Copernicus etc) <https://zenodo.org/badge/doi/10.5281/zenodo.19131.svg>

14. Mihai, F.C., 2012, *Population access to waste collection services: urban vs rural areas in Romania*, Bulletin UASVM Agriculture 69 (2) short com., 464-466, Print ISSN (1843-5246) (Web of Knowledge via Zoological Record, Thomson Reuters Master Journal list, EBSCO, DOAJ, CABI, Index Copernicus etc) <http://dx.doi.org/10.5281/zenodo.19130>

15. Apostol L., Mihai, F.C., (2012) *Rural waste management: challenges and issues in Romania*, Present Environment and Sustainable Development, 6 (2), 105-114 , ISSN: 1843-5971 EBSCO, DOAJ , Index Copernicus, Genamics, Ulrichsweb) <http://dx.doi.org/10.5281/zenodo.19121>

16. Mihai, F.C., Apostol,L., 2012, *Disparities in municipal waste management across EU-27. A geographical approach*, Present Environment and Sustainable Development, 6 (1), pp.169-180 ISSN: 1843-5971 <http://dx.doi.org/10.5281/zenodo.19123> (EBSCO, DOAJ , Index Copernicus, Genamics, Ulrichsweb)

17. Mihai, F.C., Apostol,L., (2012), *Development of waste collection services on rural territory from Neamț County*, Analele Universității Oradea, Fascicula: Protecția Mediului, 18 (1),370-375, ISSN 1224-6255 (CAB DIRECT, CNCSIS B+) <http://dx.doi.org/10.5281/zenodo.19137>

18. Mihai. F.C., Apostol L., Ursu A., Ichim.P., 2012 ,*Vulnerability of mountain rivers to waste dumping from Neamț County, Romania*, Geographia Napocensis, 6 (2) ,51-59, ISSN 1843-5920 <http://dx.doi.org/10.5281/zenodo.19126> (DOAJ Index Copernicus, Ulrichweb, SCPIO, Electrinoc Journals Library)

19. Mihai, F.C., 2012, *Geography of waste as a new approach in waste management study*, Lucr.Seminarului Geografic “ Dimitrie Cantemir” nr 33,39-46,ISSN 1222-989X (Index Copernicus, UlrichsWeb, SCPIO) <http://dx.doi.org/10.5281/zenodo.19110>

20. Lămășanu A., Ghiurcă A.A., **Mihai, F.C.**, (2012) *Implication of demographic dimension in sustainable rural development. Case study: Râșca Valley*, *Lucrări Științifice Management Agricol*, Seria I, vol. 14 (1) pp. 343-350, ISSN:1453-1410 , E-ISSN: 2069 – 2307 (**CABI, DOAJ, EBSCO**) <http://dx.doi.org/10.5281/zenodo.19142>
21. Ghiurcă, A.A., Lămășanu, A., **Mihai, F.C.**, (2012). *Rural-urban relations in the context of sustainable development. Case Study: Cujești Valley Basin*, *Neamț County, Scientific Papers. Agronomy Series* vol. 55 (2) : 327-330 , electronic ISSN 2069-6727 (print ISSN 1454-7414) (**CABI , Index Copernicus, Genamics, CNCSIS B+**)) <http://dx.doi.org/10.5281/zenodo.19141>
22. Ghiurcă, A.A., Lămășanu, A., **Mihai, F.C.**, (2012) *The anthropogenic influence on Cujești River water quality*, *Scientific Papers. Agronomy Series* vol. 55 (2) : 331-335 , electronic ISSN 2069-6727 (print ISSN 1454-7414) (**CABI, Index Copernicus, Genamics, CNCSIS B+**) <http://dx.doi.org/10.5281/zenodo.19139>
23. Ghiurcă A.A, Lămășanu A, **Mihai, F.C.**, (2012) *Environmental education in rural areas - a real support for sustainable development*, *Lucrări Științifice Seria Horticultură*, vol.55 (2), pp.117-122, (Print) ISSN 1454-7376,(Online)=ISSN 2069-8275 (**CAB International, CNCSIS B+**) <http://dx.doi.org/10.5281/zenodo.19138>
24. Ghiurcă A.A, Lămășanu A, **Mihai F.C.**, (2012) *The Usage Of Natural Fertilizers - A Practice That Favors The Ecological Agriculture Development In Romania*, *Lucrări Științifice Seria Horticultură*, vol.55 (2), pp.437-442, (Print) ISSN 1454-7376,(Online)=ISSN 2069-8275 (**CAB International, CNCSIS B+**) <http://dx.doi.org/10.5281/zenodo.19140>
25. **Mihai, F.C.**, Ghiurcă A., Lămășanu, A.,(2011) *Estimation of urban waste generated and uncollected in Romania*, *Analele Universității Oradea, Fascicula: Protecția Mediului*, 17 (2), pp.719-724 , ISSN 1224-6255 (**CAB DIRECT, CNCSIS B+**) <http://dx.doi.org/10.5281/zenodo.19124>
26. Apostol,L., **Mihai, F.C.**, (2011) *The process of closing down rural landfills Case study : Neamț county*, *Present Environment and Sustainable Development*, 5 (2) pp. 167- 174, ISSN 1843-5971, (**EBSCO, DOAJ , Index Copernicus, Genamics, Ulrichsweb**) <http://dx.doi.org/10.5281/zenodo.19122>
27. Chelaru, D.A, Ursu,A., **Mihai, F.C.**, 2011, *The analysis of agricultural landscape change using GIS techniques. Case study: Podoleni, Romania*, *Lucrări Științifice Seria Agronomie*, vol.54 (1), pp.73-76, electronic ISSN 2069-6727 (print ISSN 1454-7414) (**CABI, Index Copernicus, Genamics, CNCSIS B+**) <http://dx.doi.org/10.5281/zenodo.19143>
28. Ursu, A., Chelaru, D.A, **Mihai, F.C.**, Iordache,I., (2011), *Anthropogenic landform modeling using GIS techniques case study: Vrancea region*, *Geographia Technica*, 13(1), pp. 91 – 100, ISSN 2065-4421, (**SCOPUS, GEOBASE, SJR, EBSCO**) <http://dx.doi.org/10.5281/zenodo.19144>

D.Articole / publicatii stiintifice neindexate

1. **Mihai F.C.**, Lămășanu A., Apostol, L. (2012), *Regional disparities in urban population access to sanitation services*, *Book of Proceedings, 2^o International Conference on Human and Social Sciences, ICHSS*, vol. 2, March 23-24, 2012, Tirana, Albania, MCSER Publish., Rome, ISBN 978-2-634982-45-7, pg. 259-265 (**doi: 10.5901/ichss-2012-vol-02**)
2. Lămășanu, A., **Mihai, F.C.**, (2012) *The Illegal Dumping of Waste in Forest Areas - Evidence from Rural Territory*. In: Horodnic, S.-A., Duduman, M.-L., Palaghianu, C. (eds.): *Proceedings of the International Conference Integrated Management of Environmental Resources - Suceava*, November 4-6th, 2011. Editura Universității „Stefan cel Mare” Suceava, Romania, 46 – 50. **ISBN 978-973-666-388-8** <http://dx.doi.org/10.5281/zenodo.19127>

E. Articole publicate în abstract

E1. Strainatate (4)

1. Mihai, F.C., Geography of waste: spatial patterns of rural dumpsites from Romania, p.92 (ISBN: 978-88-88692-88-3), IV EUGEO Congress, Rome, 5-7 September 2013.
2. Mihai F.C., Accessibility to waste collection services in Romania. A multiscale analysis in EU context p. 92 (ISBN: 978-88-88692-88-3), IV EUGEO Congress, Rome, 5-7 September 2013.
3. **Mihai, F.C.**, Lămășanu, Ghiurcă, A A., *Eu acquis compliance on rural waste management. Difficulties and opportunities for Neamt County, Romania.*, The V International Conference Ecological Chemistry , March 2-3, 2012, Chisinau , Rep. Moldova, **Abstract Book p.150 (ISBN 978-9975-71-097-8)**
4. Ghiurcă, A.A., Lămășanu, A., **Mihai, F.C.**, *The level of environmental awareness and education in rural areas - evidence from Romanian territory*, The V International Conference Ecological Chemistry , March 2-3, 2012, Chisinau , Rep. Moldova , **Abstract Book , p.147 (ISBN 978-9975-71-097-8)**

E2. Book of abstracts - Romania (10)

1. Oiste A.M , Chelaru D.A, **Mihai, F.C.**, (2014) Air Quality Index in Iasi City . The 13th International Symposium "Prospects for the 3rd Millenium Agriculture " Cluj-Napoca, November .Section 2: Environmnetal Protection and Sustainable Development .Book of Abstracts p.578
2. **Mihai, F.C.**, Apostol L., Ichim.P., Ursu, A., *Landfills as anthropogenic landforms in urban environment from Neamt County* ,The 9th edition of International Conference: Environmental Legislation Safety Engineering and Disaster Management (ELSEDIMA), Cluj-Napoca, 25-27 October, 2012, Book of abstracts , p.66 <http://elsedima.conference.ubbcluj.ro/>
3. **Mihai F.C.**, Apostol, L., *Local dumpsites - spatial analysis and rural disparities in Neamt County* , The 5th International Conference Regional Disparities : Typology, Impact, Management, 20-21th October, Cluj-Napoca, 2012, Abstract p.31
4. **Mihai F.C.**, *Urban disparities in providing waste collection services from North-East Region*, The 5th International Conference Regional Disparities : Typology, Impact, Management, 20-21th October, 2012, Cluj-Napoca, Abstract, p.32
5. **Mihai, F.C.**, *Waste management issues in a mountain city, Case study : Bicaz* , Conferința Școlilor Doctorale, Univ. "Alexandru Ioan Cuza" Iași ,19-21 octombrie 2012, Abstract proceedings ,p.98
6. **Mihai, F.C.**, Lămășanu A., *Spatial analysis of landfills volumes from rural territory Case study : Neamt County ,Romania*, International Conference : Environment – Landscape – European Identity, Annual Meeting of the Faculty of Geography, Bucharest, 4-6 November, 2011, Abstract p. 73,
7. **Mihai, F.C.**, *Disparities in the municipal waste disposal across EU-27. A geographical approach*, International Conference Environment & Progress 2011, Environment – Research ,Protection and Management, 11-12th November, Cluj Napoca (Faculty of Environmental Science and Engeneering, "Babes –Bolyai " University) **Abstract proceedings, ISSN 1584-6733, pp 51,**
8. **Mihai, F.C.**, Mihai A.A., *Integrated solid waste management in urban areas. A comparative analysis: Piatra Neamt and Roman ,Neamt County, Romania*, International Conference Environment & Progress 2011, Environment – Research, Protection and Management, 11-12th November, Cluj Napoca (Faculty of Environmental Science and Engeneering, "Babes –Bolyai " University) **Abstract proceedings, ISSN 1584-6733, pp 51-52,**
9. **Mihai, F.C.**, ,Apostol, L., *Assessment of current municipal waste management systems across EU-27 using thematic cartography*, Conferința Școlilor Doctorale, Univ. "Alexandru Ioan Cuza" Iași ,21-22 octombrie 2011, **Abstract proceedings p.93 (ISBN 978-973-0-11612-0)**
10. Chelaru, D.A., **Mihai F.C.**, *Waste management infrastructure in the urban landscape. Case study: Piatra Neamt ,Romania*, Landscape: perception, knowledge, awareness and action, 8-10 aprilie, 2011 București-Râșnov, **Abstract Proceedings, pag 30, (ISBN 978-973-163-638-2)**, Editura Fundației României de Măine,