

## LISTA DE LUCRĂRI

### LUCRĂRI RELEVANTE

1. **Niță M.D.**, Munteanu C, Gutman, G., Abrudan I V., Radeloff VC (2018) - Widespread forest cutting in the aftermath of World War II captured by broad-scale historical Corona spy satellite photography, REMOTE SENSING OF ENVIRONMENT, Volume 204, p. 322-332
2. Munteanu C., Kamp J., **Niță M.D.**, Klein N., Kraemer B., Müller D., Koshkina A., Prishchepov A, Kuemmerle T. (2020) Cold War spy satellite images reveal long-term declines of a philopatric keystone species in response to cropland expansion. Proc. R. Soc. B.28720192897. <http://doi.org/10.1098/rspb.2019.2897>.
3. Tudose NC, Ungurean C, Davidescu Ș, Clinciu Io; Marin M; **Niță M.D.**, Adorjani A, Davidescu A (2020): Torrential flood risk assessment and environmentally friendly solutions for small catchments located in the Romania Natura 2000 sites Ciucas, Postavaru and Piatra Mare, Science of The Total Environment, Volume 698
4. Stancioiu, P.T.; **Niță M.D.**; Lazar, Gabriel Ervin (2018) - Forestland connectivity in Romania-Implications for policy and management. LAND USE POLICY. Volume: 76 p. 487-499
5. Dinca L, **Niță M.D.**, Hofgaard A, Alados CL, Broll G, Borz SA, Wertz B, Monteiro AT (2017) - Forests dynamics in the montane-alpine boundary: a comparative study in protected European mountains using satellite imagery and climate data. Climate Research. DOI information: 10.3354/cr01452.
6. **Niță M.D.**; Clinciu, Ioan; Popa, Bogdan (2016) - EVALUATION OF STREAM BED DYNAMICS FROM VIDAS TORRENTIAL VALLEY USING TERRESTRIAL MEASUREMENTS AND GIS TECHNIQUES, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume 15, Issue 6,p. 1387-1395
7. Munteanu C, **Niță M.D.**, Abrudan I V., Radeloff VC (2016) - Historical forest management in Romania is imposing strong legacies on contemporary forests and their management. Forest Ecology and Management, pp. 179-193. DOI information: 10.1016/j.foreco.2015.11.023, IF: 2.4
8. **Niță M.D.**, Clinciu I., Tudose, N.C. (2011): "Estimating and mapping torrentiality risk in small forested watersheds". Bulletin of the Transilvania University of Brasov, vol. 4 (53)- 2011 - series II Forestry - Wood Industry - Agricultural Food Engineering
9. **Niță M.D.**, Clinciu I., (2010): "Hydrological mapping of the vegetation using remote sensing products". Bulletin of the Transilvania University of Brasov, vol. 3 (52)- 2010 - series II Forestry - Wood Industry - Agricultural Food Engineering, ISSN 2065-2135 (print), ISSN 2065-2143 (CD-ROM).

### TEZA DE DOCTORAT

Posibilități de îmbunătățire a metodologiei de prognoza a debitului maxim al viiturilor torențiale în bazine mici, predominant Forestiere

### CĂRȚI / CAPITOLE DE CĂRȚI

- 2011 - Niță MD, Clinciu I., Construcții hidrotehnice în amenajarea bazinelor hidrografice : Îndrumar de lucrări practice. Specializarea Măsurători Terestre și Cadastru. Editura Universitatii Transilvania, Brasov. P 48. ISBN 978-973-598-981-1
- 2011 – Capitol in: Clinciu Ioan (red.), Cercetări privind lucrările de amenajarea rețelei hidrografice torențiale din bazinul superior al Tărlungului (amonte de acumularea Săcele), ISBN 978-973-598-989-7
- 2013 - **Niță MD**, Amenajarea bazinelor hidrografice montane situate în arii naturale protejate, Editura Lux Libris, ISBN 978-973-131-236-1
- 2013 - Tudose NC., **Niță MD.**, Clinciu I. Results of Monitoring Torrent-Control Hydrotechnical Structures in the Cărcinov River Catchment. Capitol In: Kozak J., Ostapowicz K., Bytnerowicz A., Wyżga B. (eds) The Carpathians: Integrating Nature and Society Towards Sustainability.



- Environmental Science and Engineering. Springer, Berlin, Heidelberg. p.3. ISBN 978-3-642-12724-3
- 2014 – Capitol in: Clinciu Ioan (red.), Behaviour and effects of the torrential hydrographical management structures in a mountain watershed, Editura Universitatii Transilvania, ISBN 978-606-19-0372-6
  - 2015 - **Niță MD**, Geographic Information Systems (GIS). Capitol in Practical Applications in Tourism Projects. Route Design and Cartographic Production. In: Arraiza, M.P., Lopez-Alarez, J.V., Garcia-Rodriguez, J.L. (eds) Management of Sustainable and Ecological Tourism. Madrid : Fundacion Conde del Valle de Salazar. P. 87. ISBN 978-84-96442-64-1
  - 2017 - **Niță MD**, Clinciu I. Forest Management and Water in Romania. Capitol in: Pablo A. Garcia-Chevesich, Daniel G. Neary, David F. Scott, Richard G. Benyon, Teresa Reyna. (eds) Forest management and the impact on water resources: a review of 13 countries. United Nations Educational, Scientific and Cultural Organization, 7, place de Fontenoy, 75352 Paris 07 SP, France and UNESCO Regional Office for Sciences for Latin America and the Caribbean – UNESCO Montevideo. p. 9. ISBN 978-92-3-100216-8
  - 2019 - Clinciu I., **Niță MD**. Corectarea Torentilor (Torrent Control). Editura Universitatii Transilvania. p268. ISBN 978-606-19-1136-3

#### ARTICOLE ÎN REVISTE

##### Reviste ISI (selecție):

1. Munteanu C., Kamp J., Niță M.D., Klein N., Kraemer B., Müller D., Koshkina A., Prishchepov A, Kuemmerle T. (2020) Cold War spy satellite images reveal long-term declines of a philopatric keystone species in response to cropland expansion. Proc. R. Soc. B.28720192897. <http://doi.org/10.1098/rspb.2019.2897>.
2. Tudose NC, Ungurean C, Davidescu Ș, Clinciu Io; Marin M; Niță M.D., Adorjani A, Davidescu A (2020): Torrential flood risk assessment and environmentally friendly solutions for small catchments located in the Romania Natura 2000 sites Ciucas, Postavaru and Piatra Mare, Science of The Total Environment, Volume 698
3. Nita, Mihai Daniel; Munteanu, Catalina; Gutman, Garik; et al. (2018) - Widespread forest cutting in the aftermath of World War II captured by broad-scale historical Corona spy satellite photography, REMOTE SENSING OF ENVIRONMENT, Volume 204, p. 322-332
4. Stancioiu, Petru Tudor; Nita, Mihai Daniel; Lazar, Gabriel Ervin (2018)- Forestland connectivity in Romania- Implications for policy and management. LAND USE POLICY. Volume: 76 p. 487-499
5. Dinca L, Niță M.D., Hofgaard A, Alados CL, Broll G, Borz SA, Wertz B, Monteiro AT (2017) - Forests dynamics in the montane-alpine boundary: a comparative study in protected European mountains using satellite imagery and climate data. Climate Resarch. DOI information: 10.3354/cr01452.
6. Nita, Mihai-Daniel; Clinciu, Ioan; Popa, Bogdan (2016) - EVALUATION OF STREAM BED DYNAMICS FROM VIDAS TORRENTIAL VALLEY USING TERRESTRIAL MEASUREMENTS AND GIS TECHNIQUES, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume 15, Issue 6,p. 1387-1395
7. Munteanu C, Niță M.D., Abrudan I V., Radeloff VC (2016) - Historical forest management in Romania is imposing strong legacies on contemporary forests and their management. Forest Ecology and Management (2016), pp. 179-193. DOI information: 10.1016/j.foreco.2015.11.023, IF: 2.4
8. Clinciu I., Petritan I.C., Niță M.D. (2015) - Magnitude of damage events on hydrotechnical torrent control structures. Environmental Engineering and Management Journal. IF: 1,08
9. Popa B., Coman C., Borz S., Niță M.D. et al. (2013) - Total Economic Value of Natural Capital – A Case Study of Piatra Craiului National Park. Notulae Botanicae, Vol. 41, No.2. IF: 0.4
10. Iordache E, Niță M.D., Clinciu, I. (2012): „PLANNING FOREST ACCESSIBILITY WITH A LOW ECOLOGICAL IMPACT”. CROAT J FOR ENG. IF: 0.45
11. Clinciu, I., Petritan, C., Niță M.D. (2010): “MONITORING OF THE HYDROTECHNICAL TORRENT CONTROL STRUCTURES: A STATISTICAL APPROACH”. ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL. Vol.9, No. 12, 1693-1701. IF: 1,435



## Reviste BDI (selecție):

1. **Niță M.D.**, Clinciu I., Tudose, N.C. (2011): "Estimating and mapping torrentiality risk in small forested watersheds". Bulletin of the Transilvania University of Brasov, vol. 4 (53)- 2011 - series II Forestry - Wood Industry - Agricultural Food Engineering
2. Clinciu, I., **Niță M.D.** (2011) - Using stereo matching 3D models in monitoring hydrotechnical torrent control structures. Bulletin of the Transilvania University of Brasov, Series II - Forestry, Wood Industry, Agricultural Food Engineering 2011 Vol. 4 No. 53 Part 2 pp. 7-12
3. **Niță M.D.**, Clinciu, I. (2010): "Research on soil moisture spatial distribution in small forested watersheds". Proceedings of the Symposium "Forest and Sustainable Development". ISSN 1843-505X
4. **Niță M.D.**, Clinciu I., (2010): "Hydrological mapping of the vegetation using remote sensing products". Bulletin of the Transilvania University of Brasov, vol. 3 (52)- 2010 - series II Forestry - Wood Industry - Agricultural Food Engineering, ISSN 2065-2135 (print), ISSN 2065-2143 (CD-ROM).
5. Candrea-Bozga Ș.B., **Niță M.D.** (2009): "Mapping windthrows using remote sensing products". Proceedings of the Symposium "Forest and Sustainable Development". Editura Universitatii "Transilvania". ISSN 1843-505X
6. Iordache E., **Niță M.D.** (2008): "Using GIS application in road network development taking into consideration soil erosion" – FORTECHENVI Proceedings, Mendelova Zemebelska a Lesnicke, Univerzita v Brne 2008, ISBN 978-80-7375-182-1
7. **Niță M.D.**, Clinciu I., Iordache E. (2009): „Calculation methods for time of concentration in forested watersheds”. Conference Proceedings. 42. International Symposium on Forestry Mechanization. Prague, Czech Republic. Czech University of Life Sciences Prague. ISBN 978-80-213-1939-4
8. **Niță M.D.**, Clinciu I., Iordache E. (2009): „Improved calculation methods for time of concentration in forested watersheds, using GIS algorithms and remote sensing products”- International Conference "Forest, Wildlife and Wood Sciences for Society Development", Prague, Czech Republic, ISBN 978-80-213-2019-2

## ARTICOLE PUBLICATE IN VOLUME ALE CONFERINTELOR INTERNAȚIONALE

1. **Niță M.D.**, Clinciu I., Iordache E. (2009): „Calculation methods for time of concentration in forested watersheds”. Conference Proceedings. 42. International Symposium on Forestry Mechanization. Prague, Czech Republic. Czech University of Life Sciences Prague. ISBN 978-80-213-1939-4
2. **Niță M.D.**, Clinciu I., Iordache E. (2009): „Improved calculation methods for time of concentration in forested watersheds, using GIS algorithms and remote sensing products”- International Conference "Forest, Wildlife and Wood Sciences for Society Development", Prague, Czech Republic, ISBN 978-80-213-2019-2
3. Candrea-Bozga, Ș.B., **Niță M.D.**, Tarziu, D.R. (2010): „Forest fire risk assessment in near-real time, using GIS and remote sensing products” - Conference Proceedings of the 1st Forum Carpathicum, Integrating Nature and Society Towards Sustainability. Krakow, Poland, 164 pp. ISBN: 978-83-88424-54-0
4. Tudose, N.C., **Niță M.D.**, Clinciu, I. (2010): „Results of monitoring torrent-control hydrotechnical structures in the Carcinov River watershed” - Conference Proceedings of the 1st Forum Carpathicum, Integrating Nature and Society Towards Sustainability. Krakow, Poland, 164 pp. ISBN: 978-83-88424-54-0
5. Clinciu, I., Petrișan, I.C., **Niță, M.D.**: Statistical Research Regarding the Frequency of Dysfunctionalities of the Management Works on the Torrential Hydrographic Network in the Upper Târlung Watershed. Proceedings of the Symposium "Forest and Sustainable Development. ISSN 1843-505X

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Semnătură

autor

