

LISTĂ LUCRĂRI

Scientific articles:

- 1999-*The forest-inspirational source*; Revista Informație și formație, BCU.
- 1999-*Features of the medium drainage in the hydrographic basin of the Buzău river in the area of the Curvature Carpathians*; The Hidrotehnica Magazine, 44th vol, No.1-2, pg.9-11.
- 2000 - *The analysis of the hydrographic basin shape*; the Hidrotehnica Magazine, 45th vol, No.7, pg.196-199.
- 2000 - *The floods in the center and north-west Romania, of March 8-11 2000*; The Annals of the Spiru Haret University, the Geography series No.3, pg.145-150. Daniel Diaconu, Costin Dumitrașcu.
- 2000 - *The water resources in the Prahova district and their capitalization*; Geography communications, 4th vol.,The University of Bucharest Publishing House, pg.155-159. Liliana Zaharia, Daniel Diaconu.
- 2000 - *Considerations on the chemistry and quality of underground waters in the area of Eșelnița*. Geography Communications, 4th vol., The University of Bucharest Publishing House, pg.221-226. Ioan Sîrbu, Liliana Zaharia, Daniel Diaconu, Sanda Oprișan.
- 2001 - *The hail of April, 26, 1999 in Bucharest*. The Annals of the Spiru Haret University, the Geography series no 4; Costin Dumitrașcu, Daniel Diaconu.
- 2001- *The drought in Romania- a result of climate changes*; The Geoforum Magazine. The University of Craiova. Universitaria Publishing House. Daniel Diaconu
- 2001- *The quantitative assesment of the water resources of the rivers from the External Curvature Carpathians Region (in the Prahova, Buzău and Vrancea counties)*.Geography Communications, 5th vol. The University of Bucharest Publishing House. Liliana Zaharia, Daniel Diaconu, Ruxandra Petrache.
- 2002 – *The ionic content and the hydro chemical classification of the rivers in the External Curvature Region*, The Annals of the Spiru Haret University, the Geography series no 5. Liliana Zaharia, Petrache Ruxandra, Daniel Diaconu.
- 2003 - *Synthesis relations concerning the calculus hydrographs*. Geography Communications, 7th vol., The University of Bucharest Publishing House, Daniel Diaconu.
- 2003 - *Particularities concerning the fixed residuu in the water of the main rivers from the External Curvature Carpathians region*, Geography Communications, 7th vol, The University of Bucharest Publishing House, Liliana Zaharia, Daniel Diaconu, Dragnea Ruxandra.
- 2003 - *The quality of the water in the Olt river in the Ramnicu Valcea section considering the conditions of its hydrographic basin*. The geography of the Valcea county- Theory and practice (***).The Offsetcolor Publishing House, Rm. Vâlcea, pg.114-117, Daniel Diaconu.
- 2004 - *The Chirlești mudlow. General issues- Curvature Carparhians. Environmental change and sustenaible development*. Editura Universitară ISBN 973-8499-58-5. Philippe Lahousse, Guillaume Pierre, Marian Ene, Daniel Diaconu, Mircea Vișan.
- 2004 – *The quality of waters in the External Curvature Carpathians region at the level of oxygen indicators* . The implications on the territorial organization.Geography in the

context of contemporary development 2001-2003. ISBN 973-8387-16-7, Cluj Napoca. Liliana Zaharia, Daniel Diaconu, Ruxandra Petrache.

2004 – *The analysis of hydroenergetical buildings' impact on the Olt river within the Ramnicu Valcea section*. The Vâlcea county geography – Theory and practice(****), ISSN 973-743-08-3, pg.173-176, The Offsetcolor publishing House, Rm Vâlcea. Diaconu Daniel.

2007 – *Morphological features of the Orsova gulf basin*. Geography Communications , 9th vol, ISSN 14535483, pg. 327-331, The University of Bucharest Publishing House.

2007 – *The Evolution of the Siriu hydroenergetic reservoir lake*. Geography Communications 9th vol, ISSN 14535483, pg. 323-326, The University of Bucharest Publishing House. Diaconu D. Minea Sever.

2008 – *The Siriu reservoir, Buzău river (România)*, Lakes, reservoirs and ponds, Romanian Journal of Limnology, No. 1-2.ISSN 1844-6477, pg.141-149.

2009 – *Waste Water Disposal in Bucarest – Risking Durable Development on River Arges's inferior Basin*, Studia Universitatis Babeş – Bolyai, Series Geographia no. 3/2009. ISSN: 1221-079X. Pg. 190-194 (quotation: B+).

2009 – *Bathymetrical charting of the Budeasa reservoir*, Lakes, reservoirs and ponds, Romanian Journal of Limnology, No. 3. ISSN 1844-6477, pg.53-64.

2010 – *Management of storage lakes in Romania*, Air and water- environmental components The Universitarean Cluj Press. ISSN 2067-743X, pg 149-155.

2010 – *Flood risk management in river basins Arges, Romania*. Conference on water observation and information system for decision support, BALWOIS 25-29 May 2010, Ohrid, Republic of Macedonia. ISBN 978-608-4510-03-1, pag. 180. Diaconu Daniel, Mailat Emanuel.

2010 – *Complex study of lake ecosystems in Tinov Mohoş*. The water resources in Romania-vulnerability at anthropic pressures. The Transversal Publishing House, ISBN 978-606-8042-65-7. pg. 431-435. ISBN 978-606-8042-66-4 CD, Diaconu D. Mailat E.

2010 – *The management of Reservoir Silting in Romania*, 10-th International Multidisciplinary Scientific Geoconference SGEM 2010, ISBN 10: 954-91818-1-2, ISBN 13: 978-954-91818-1-4, 2nd vol, pg. 105-112. Daniel Constantin Diaconu, Emanuel Mailat. http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=15&SID=R17XWeNC5PyxBErT3KK&page=1&doc=3

2010 – *Bistroe Channel – Danube Delta Related Risks*, 10-th International Multidisciplinary Scientific Geoconference SGEM 2010, ISBN 10: 954-91818-1-2, ISBN 13: 978-954-91818-1-4, 2nd vol, pg. 433-438. Daniel Constantin Diaconu, Adrian Amadeus Tişcovschi. http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=13&SID=R17XWeNC5PyxBErT3KK&page=2&doc=14

2010 – *Complex study of the lacustrian ecosystems of Mohoş swamp*, Lakes, reservoirs and ponds, Romanian Journal of Limnology, No. 4. ISSN 1844-6477, pg.70-78. Daniel Constantin Diaconu, Emanuel Mailat.

2011 – *Changes Recorded in Romania's climate*, 11-th International Multidisciplinary Scientific Geoconference SGEM 2011, ISSN 1314-2704, pg. 1179-1185, 2nd vol. Tişcovschi Adrian, Diaconu Daniel, Tudose Cornel.

2012 – *Topobatimetric measurements of the phenomenon of clogging lakes*. Fifth International Conference on Water, Climate and Environment, May, 28 – June, 2 2012 –

Ohrid, Republic of Macedonia. ISBN 978-608-4510-03-1, pag. 180. Diaconu Daniel, Mailat Emanuel.

2012 – *Freezing Rain – Climatic Risk Phenomenon, Romania 4-6 february 2012*. 12-th International Multidisciplinary Scientific Geoconference SGEM 2012, ISSN 1314-2704, pg. 319-323. Tişcovschi Adrian, Diaconu Daniel.

2012 – *Puiulet lake Danube Delta – bathymetrical characteristics*. Water resources and wetland Conference proceedings, 14-16 september. ISBN 978-606-605-038-8, pag. 151-155. Daniel Diaconu, Emanuel Mailat.

2013 – *GIS Application in the management of reservoir lakes. Case study: The series of lakes Valcele, Budeasa, Bascov, Arges River*. Water resources. Forest, Marine and Ocean Ecosystems. Conference Proceedings. 13-th International Multidisciplinary Scientific Geoconference SGEM 2013, 16-22 June, Albena, Bulgaria, ISBN 978-619-7105-02-5, ISSN 1314-2704, DOI: 10.5593/sgem2013. Pg.165-171. Daniel Diaconu, Emanuel Mailat

2015 – *The Role of European Capital of Culture Status in Structuring Economic profile of Sibiu, Romania*. 4th World Conference on Business, Economics and Management, WCBEM, Procedia Economics and Finance 26 pg.785-791. Draghici Cristian, Papuc Razvan Mihail, Iordache Stefan, Catalin Razvan Dobrea, Pintilii Radu-Daniel, Teodorescu Camelia, Peptenatu Daniel, Diaconu Daniel, Simion Adrian.

2015 - International Conference Environment at Crossroads: SMART approaches for a sustainable future. Book of abstracts, November 12-15, 2015, Bucharest, Romania ISBN 978-973-0-20300-4, *The economical valorization of the swamps of Borsaros-Sancraieni, and the perspectives of the touristic function development*. Pg. 47. Daniel C-tin DIACONU, Camelia TEODORESCU, Radu-Daniel PINTILII, Cristian C-tin DRAGHICI, Daniel PEPTENATU, Mircea VISAN.

International Conference Environment at Crossroads: SMART approaches for a sustainable future – Book of abstracts, November 12-15, 2015, Bucharest, Romania ISBN 978-973-0-20300-4, *Health tourism contribution to the structural dynamics of the territorial systems with tourism functionality*. Pg. 44. Cristian C-tin DRAGHICI, Daniel C-tin DIACONU, Camelia TEODORESCU, Radu-Daniel PINTILII, Ana-Maria CIOBOTARU.

2016 - Health tourism contribution to the structural dynamics of the territorial systems with tourism functionality, Procedia Environmental Sciences 32 (2016) 386 – 393, Cristian Constantin Drăghici, Daniel Constantin Diaconu, Camelia Teodorescu, Radu-Daniel Pintilii, Ana-Maria Ciobotaru.

2016 - Assessing economic pressure on the forest fund of Maramureş County – Romania, JOURNAL OF FOREST SCIENCE, 62, 2016 (4): 175–185 DOI: 10.17221/72/2015-JFS, C.C. Draghici, D. Peptenatu, A.G. Simion, R.D. Pintilii, D.C. Diaconu, C. Teodorescu, R.M. Papuc, A.M. Grigore, C.R. Dobrea.

2016 - *Proposal for functional conversions - Bucharest Faur. Urbanism. Arhitectură. Construcții*, Vol. 7, nr. 2. Pg. 137-146. Camelia Teodorescu, Radu Vânturache, Octavian Teodorescu, Daniel Constantin Diaconu.

2016 - *Certain industry, big giving: modelling the correlation between SRI and industry risk*. *Urbanism. Arhitectură. Construcții*, Vol. 7, nr. 3. pg.213-244. Răzvan-Cătălin Dobrea, Felicia-Alina Dinu, Camelia Teodorescu, Daniel Diaconu.

2016 - *Le torrent de Chirleşti (Carpates de la Courbure, Roumanie): un demi-siècle d'activité*, Physio-Géo - Géographie Physique et Environnement, 2016, volume X, Physio-

Géo Volume 10, pg.171-190, Philippe Lahousse, Guillaume Pierre, Marian Ene, Daniel Diaconu et Mircea Visan.

2016 - *Tornades in Romania – Current climate risk*. 16-th International Scientific Conference on Earth&Geosciences, 30 June-6 July 2016, Albena Bulgaria. Energy and clean technologies Conference Proceedings Volume II. Recycling. Air pollution and climate change. ISBN 978-619-7105-64-3, ISSN 1314-2704, DOI: 10.5593/sgem2016B42, Pp. 687-693. Adrian Tişcovschi, Daniel Constantin Diaconu, Gabriela Manea.

2016 - *The economical capitalization of the Borsaros – Sanraieni swamp and the perspectives of developing the touristic function*. 16-th International Scientific Conference on Earth&Geosciences, 30 June-6 July 2016, Albena Bulgaria. ISBN 978-619-7105-67-4, Ecology, economics, education and legislation. Conference proceedings, vol. III. Environmental economics. Education and accreditation in Geosciences. ISSN 1314-2704, DOI: 10.5593/sgem2016B53 pp. 637-643. Daniel Constantin Diaconu, Mircea Visan, Camelia Teodorescu, Marina Ramona Rujoiu Mare, Adrian Gabriel Simion.

2016 - *Management of the protection forest areas in regions affected by aridity in Oltenia southwestern development region (Romania)*, 16-th International Multidisciplinary Scientific Geoconference SGEM, 2-5 November 2016, Vienna, Austria. Conference proceedings, Book 3, volume III. Water resources. Forest, Marine and Ocean Ecosystems. ISBN 978-619-7105-81-0, ISSN 1314-2704, DOI: 10.5593/sgem2016HB33 pp. 477-483. Daniel Constantin Diaconu, Cristian Constantin Draghici, Radu-Daniel Pintilii, Daniel Peptenatu, Alexandra Grecu.

2017 - *The restrictions imposed upon the urban development by the piezometric level. Case study: Otopeni-Tunari-Corbeanca*. Urbanism. Arhitectură. Construcții, Vol. 8, nr. 1. pp 27-36. Daniel Constantin Diaconu, Daniel Peptenatu, Adrian Gabriel Simion, Radu-Daniel Pintilii, Cristian-Constantin Draghici, Camelia Teodorescu, Alexandra Grecu, Andreea Karina Gruia, Ana-Maria Ilie.

2017 – *Identification of urban flood vulnerability in Eastern Slovakia by mapping the potential natural sources of flooding – implications for territorial planning*, Urbanism. Arhitectură. Construcții, Vol. 8, nr. 4. pp 365-376. Lenka Gaňová, Martina Zelenáková, Pavol Puzcz, Daniel Constantin Diaconu, Tomáš Orfánus, Žofia Kuzevičová.

2017 - *Using Fractal Analysis in Modeling the Dynamics of Forest Areas and Economic Impact Assessment: Maramureş, County, Romania, as a Case Study*, Forests, 8, 25; DOI:10.3390/f8010025, Radu-Daniel Pintilii, Ion Andronache, Daniel Constantin Diaconu, Razvan Catalin Dobrea, Martina Zelenáková, Rasmus Fensholt, Daniel Peptenatu, Cristian-Constantin Draghici and Ana-Maria Ciobotaru.

2017 - *Impact of Agriculture Upon the Chemical Quality of Groundwaters within the Saharian Atlas Steppe El-Meita (Khenchela-Algeria)*, REV. CHIM. (Bucharest), 68, No. 2, p. 420-423. Abdenour Sedrati, Belgacem Houha, Gheorghe Romanescu, Ioan Gabriel Sandu, Daniel Constantin Diaconu, Ion Sandu.

2017 - *Assessment of Textural Differentiations in Forest Resources in Romania Using Fractal Analysis*, Forests 2017, 8(3), 54; doi:10.3390/f8030054, Ion Andronache, Rasmus Fensholt, Helmut Ahammer, Ana-Maria Ciobotaru, Radu-Daniel Pintilii, Daniel Peptenatu, Cristian-Constantin Drăghici, Daniel Constantin Diaconu, Marko Radulović, Giuseppe Pulighe, Akomian Fortuné Azihou, Mireille Scholastique Toyi, Brice Sinsin. <http://www.mdpi.com/1999-4907/8/3/54>.

2017 - Study of Utilization of Agricultural Waste as Environmental Issue in Romania, *Revista de chimie*, 68, No. 3, p. 570-575, 2017. George Ungureanu, Gabriela Ignat, Catalin Razvan Vintu, Constantin Daniel Diaconu, Ioan Gabriel Sandu.

<http://www.revistadechimie.ro/pdf/31%20UNGUREANU%203%2017.pdf>

2017 - Fractal drainage model – a new approach to determinate the complexity of watershed, *Acta Montanistica Slovaca*, Volume 22, number 1, p. 12-21. Daniel Constantin Diaconu, Ion Andronache, Helmut Ahammer, Ana-Maria Ciobotaru, Martina Zelenakova, Roxana Dinescu, Aleksandr Vasilievici Pozdnyakov and Svetlana Alekseevna Chupikova. <http://actamont.tuke.sk/pdf/2017/n1/2diaconu.pdf>.

2017 - Evaluation of Indicators of Freshwater Ecosystem Services - The Decision Making in Romania, *География: развитие науки и образования*. Ciobotaru Ana-Maria, Andronache Ion, Radu-Daniel Pintilii, Daniel Constantin Diaconu.

2017 - Bioclimatic analysis and tourism analysis in Romania. Conference proceeding Public recreation and landscape protection – with nature hand in hand? 1st-3rd May, Brno, Czech Republic, Editors Jitka Fialova, Dana Pernicova. ISBN 978-80-7509-487-2. Ana-Maria Ciobotaru, Ion Andronache, Daniel Peptenatu, Daniel Constantin Diaconu, Mircea Cristian Vişan.

2017 - Analysis of the Relationship Between the Piezometric Level and Urban Development in the Emerging Bucharest City, Romania, *Journal Procedia Engineering* 190 (2017) 627 – 631, SPACE 2016, DOI 10.1016/j.proeng.2017.05.389. Daniel Constantin Diaconu, Daniel Peptenatu, Radu-Daniel Pintilii, Ion Andronache, Cristian-Constantin Drăghici, Răzvan-Cătălin Dobreă.

<http://dx.doi.org/10.1016/j.proeng.2017.05.389>

2017 - Structural and Physical Aspects of Construction Engineering Urban Water Retention Measures, *Journal Procedia Engineering* 190 (2017) 419 – 426, SPACE 2016, DOI: 10.1016/j.proeng.2017.05.358. Martina Zelenáková, Daniel Constantin Diaconu, Ketil Haarstad. <http://www.sciencedirect.com/science/article/pii/S1877705817324980>.

2017 - Mitigation of the Adverse Consequences of Floods for Human Life, Infrastructure, and the Environment. M. Zelenáková, L. Gaňová, P. Purcz, M. Horský, L. Satrapa; P. Blišťan; and D. C. Diaconu, *Nat. Hazards Rev.*, 2017, 18(4): -1--1, DOI: 10.1061/(ASCE)NH.1527-6996.0000255.

<file:///C:/Users/Dan/Downloads/%2528ASCE%2529NH%252E1527-6996%252E0000255.pdf>

2017 - Creative economies in Romania - spatial projections and trends. In: Środa-Murawska, S. and Szymańska, D. editors, *Bulletin of Geography. Socio-economic Series*, No. 37, Toruń: Nicolaus Copernicus University, pp. 95–108. DOI: <http://dx.doi.org/10.1515/bog-2017-0027>. Pintilii, R.D., Peptenatu, D., Ciobotaru, A.M., Toma, S.G., Grigore, A.M., Drăghici, C.C., Dobreă, R.C., Simion, A.G., Andronache, I., Teodorescu, C. and Diaconu, C.D.

Practical works and courses notebooks:

2001 - *Compendious dictionary and hydrological and hydrogeological terminology*; Danubius Publishing House, Bucharest, 48 pg.. Ştefan Grigorescu, Daniel Diaconu.

2002 – *Hydrological Prognosis - Applications*, Matrix Rom Publishing House, Bucharest, ISBN 973-685-385-3, 94 pg..Constantin Diaconu, Daniel Diaconu.

2002 – *Guide for practical activity - Hydrology, 1st year of study*, Credis Publishing House, Bucharest, 53 pg.. Liliana Zaharia, Daniel Diaconu, Sîrbu Ioan.

2003 – *Applied Hydrology – practical works*, Credis Publishing House, Bucharest, ISBN 973-8336-94-5, 103 pg. Daniel Constantin Diaconu.

2003 – *Practical Activities in the Portile de Fier area*, Credis Publishing House, București, ISBN 973-8336-77-5, 56 pg., Liliana Zaharia, Daniel Diaconu, Ioan Sârbu.

2004 – *Meteorology and Hydrology – practical works*, Universitară Publishing House, București, ISBN 973-8499-36-4, 184 pg., Adrian Tișcovschi, Daniel Diaconu.

2005 – *The elaboration and presentation of climatological and hydrological data*, Universitară Publishing House, Bucharest, ISBN 973-7787-17-X, 126 pag., Adrian Tișcovschi, Daniel Diaconu.

2005 – *The water resources in the Buzau river basin*, Universitară, Publishing House Bucharest, ISBN 973-7787-57-9, 238 pg., Daniel Constantin Diaconu.

2005 – *Hydrology*, Universitară Publishing House, Bucharest, ISBN 973-749-002-9, 255 pg., Ion, Pișota, Liliana Zaharia, Daniel Diaconu.

2007 – *Limnology*, Credis Publishing House, București, ISBN 978-973-734-190-7, 90 pg. Daniel Constantin Diaconu

2007 – *The guide of practical applications – 2nd year of study. Specialization: Environmental geography and Meteorology- Hydrology*, Universitară Publishing House, Bucharest, ISBN 978-973-749-164-0, 60 pg. Daniel Diaconu, Adrian Tișcovschi, Cornel Tudose.

2009 – *Practical Application-Guide-2nd year of study. Specialization: Meteorology-Hydrology*, Universitară Publishing House, Bucharest, ISBN 978-973-749-610-2, 50 pg., Daniel Diaconu, Adrian Tișcovschi.

2009 – *Hydrological Prognosis*, Matrix Rom Publishing House, Bucharest, ISBN 978-973-755-494-9, 187 pg., Daniel Constantin Diaconu, Ortansa Jude.

2010 – *Practical Applications. 1st year of study-Geography: Meteorology- Hydrology*. Transversal Publishing House, Bucharest. ISBN 978-606-8042-58-9, 56 pg., Daniel Diaconu, Adrian Tișcovschi.

2010 - *Hydrology*, (2nd edition), Universitară Publishing House, Bucharest, ISBN 978-606-591-046-1, 256 pg., Ion, Pișota, Liliana Zaharia, Daniel Diaconu.

2012 – *Guide for practical application*, Universitară Publishing House, Bucharest. ISBN 978-606-591-444-5, 54 pag., Adrian Tișcovschi, Daniel Diaconu.

2012 – *Dictionary of hydro-geographical terms*, The University of Bucharest Publishing House, ISBN 978-606-16-0194-3, 213., Diaconu Daniel, Grigorescu Stefan, Marin Marian.

2013 – *The guide of practical applications Geography, specialization: Meteorology-Hydrology*, Transversal Publishing House, Târgoviște, ISBN 978-606-605-063-0, 52 pg. Daniel Diaconu, Adrian Tișcovschi.

2014 – *Applied hydro-meteorology*, Transversal Publishing House, Targoviste, ISBN 978-606-605-085-2, 66 pg. Adrian Tișcovschi, Daniel Diaconu.

2015 – *Analiza spațio-temporală a resurselor de apă din Bazinul Argeș*, Transversal Publishing House, Targoviste, ISBN 978-606-605-140-8, Daniel Constantin Diaconu (coordonator).

2016 – *Geography with applications in Meteorology and Hydrology*, Transversal Publishing House, Târgoviște, ISBN 978-606-605-156-90, 60 pg. Adrian Tișcovschi Daniel Diaconu.

2016 – Odesa, pas cu pas, Editura Universitară, București, ISBN 978-606-28-0487-9, DOI: 10.5682/9786062804879, 217 pag., Tino Neacșu, Daniel Diaconu.

2017 – Hidrologie și Meteorologie practică, în arealul Porților de Fier, Editura Universitară, ISBN 978-606-28-0594-4, doi:10.5682/9786062805944, 129 pag. Diaconu Daniel Constantin, Amadeus Adrian Țișcovschi.