

"Aurel Vlaicu" University of Arad
Faculty of Food Engineering, Tourism and Environmental Protection
Department of Technical and Natural Sciences

SCIENTIFIC PAPERS
Calinovici Ioan

1. Doctor Thesis Degree

A. Calinovici Ioan; *The influence of irrigation on the growth and fructification of the apple trees in the Lipova area;* University of Agricultural Sciences and Veterinary Medicine of the Banat Timișoara, Faculty of Agriculture; 244 pg.; 1994-1999, Series A, Nr. 0004215, O.M.E.N. Nr. 3774/10.05.2000.

B. Books and chapter as books published

B1. Calinovici I., *Topography,* Mirton Publishing House, Timișoara, 2009, ISBN 978-973-52-0622-2;

B2. Calinovici I., *Land improvement,* Mirton Publishing House, Timișoara, 2008, ISBN 978-973-52-0288-0;

B3. Calinovici I., Călina Jenica, *Topography- Practice works,* Mirton Publishing House, Timișoara, 2008, ISBN 978-973-52-0288-0;

B4. Bârliba Luminița Livia, Calinovici I., *Topography,* Solness Publishing House, Timișoara, 2005, ISBN 973-729-032-1;

B5. Calinovici I., Bârliba Luminița Livia, *Topography,* Eurobit Publishing House, Timișoara, 2003, ISBN 973-620-068-X;

B6. Călina A., Călina Jenica, Mustață I., Calinovici I., Miluț M., *Engineering Topography,* Reduta Publishing House, Craiova, 2003, ISBN 973-97173-8-0.

B7. Calinovici I., Ienciu A.A., Ciolac V., *Land improvement,* Agroprint Publishing House, Timișoara, 2017, ISBN 978-606-785-018-5.

B8. Ioan Calinovici, Dorina Rodica Chambré, *THE SOIL, NATURAL RESOURCES WITHIN THE LIPOVA AREA,* Editrice Universitaria Udinese, 2006, ISBN 88-8420-324-4 (7p).

C. Papers indexation ISI/BDI published

C1. Bârliba L., Bârliba C., Calinovici I., Eleș G., *RTK GPS technology use for a work of delimitation and topographical surveying of the monastery land from Dobrești village, Timiș county,* 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM 2016

Conference Proceedings, ISBN 978-619-7105-59-9/ISSN 1314-2704, Book 2, Vol. 2, 519-524 pp.

C2. Bârliba L., Bârliba C., **Calinovici I.**, Popescu C., *Topographic and cadastral measurements necessary to achieve an urbanistic zonal plan in the village of Ghiroda-Romania*, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM 2016 Conference Proceedings, ISBN 978-619-7105-59-9/ISSN 1314-2704, Book 2, Vol. 2, 657-662 pp.

C3. Calinovici I., *Researches regarding the water quality in the wast landing platform of Arad*, Researches Journal of Agricultural Science, Vol. 48(1) 1-235 (2016), ISSN 2066-1843, pag. 31-36.

C4. Ienciu A. A., Şmuleac L., Ciolac V., **Calinovici I.**, Armaş A., Manea D., *Monitoring hydro-climate risks in the Lugoj area, Romania*, Researches Journal of Agricultural Science, Vol. 48(1) 1-235 (2016), ISSN 2066-1843, pag. 56-64.

C5. Dragomir L., Bârliba L.L., Bârliba C., Eleş G., **Calinovici I.**, *Drafting and finaliyng of a private propriety forestry fund in Salciua Noua village*, 14th SGEM GeoConference on nformatics, Geoinformatics and Remote Sensing, ISBN 978-7105-12-4, ISSN 1314-2704, Bulgaria, **2014**, pag. 545-550.

C6. Dragomir L., Bârliba C. Bârliba L.L., **Calinovici I.**, Eleş G., *GIS a tool for monitoring and management of epidemics*, 14th SGEM GeoConference on nformatics, Geoinformatics and Remote Sensing, ISBN 978-7105-12-4, ISSN 1314-2704, Bulgaria, **2014**, pag. 635-642.

C7. Dragomir L., Bârliba L.L., Bârliba C., **Calinovici I.**, Popescu C., *Execution of a layout work for rehabilitation of a milk factory in Izvin, Timis county with european funds*, Analele Universităţii din Craiova, Seria Agricultură-Montanologie-Cadastru, Vol. XLIV/2/**2014**, ISSN 1841-8317, pag. 72-79.

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C9. Calinovici I., *Researches for establishing the construction and hydraulic elements in case of hydraulic constructions on sloping grounds*, Bulletin of University of Agricultural Sciences and veterinary Medicie Cluj-Napoca, Volume 65 (2), **2008**, Horticulture, Print ISSN 1843-5254, Electronic ISSN 1843-5394, pag. 544-548.

C10. Calinovici I., Chiş S., *Researches concerning the projection of some hydrotechnical antierosional works in the fruit growing plantations*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture, Vol. 64 (1-2)/**2007**, 154-157, Print ISSN 1843-5254, Electronic ISSN 1843-5394;

C11. Calinovici I., *Researches concerning the topographical survey of a waste landing platform in Arad*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture, Vol. 64 (1-2)/**2007**, 718, Print ISSN 1843-5254, Electronic ISSN 1843-5394;

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C13. Calinovici I., *Determining the error of a quantity function, measured directly and in the same degree of accuracy by using logarithms*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Agriculture, Vol. 61/**2005**, ISSN 1454-2382, pg. 150-153.

C14. Calinovici I., *The influence of irrigation and nitrogen fertilizer on fruiting in the Starkrimson variety*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Agriculture, Vol. 61/**2005**, ISSN 1454-2382, pg. 154-1539.

C15. Calinovici I., Idițoiu Cornelia ; *Influence of irrigation and fertilization with azote on some physical and chemical components of the fruit belonging to the Starkrimson apple tree species under conditions of Lipova area* , Buletinul U.S.A.M.V. Cluj Napoca , Editura AcademicPres, Vol. 59 , ISSN 1454 – 2382 ; pg. 109 – 114 ; 2003.

C16. Canțar Liliana , Zdremțan Monica , Hălmăgean L., **Calinovici I.** ; *The implication of the genetic amelioration of the goats for milk and meat production* ; Buletinul U.S.A.M.V. Cluj Napoca , Editura AcademicPres , Vol. 59 , ISSN 1454 – 2382 ; pg. 138 – 144; 2003.

C17. Canțar Liliana , Zdremțan Monica , Hălmăgean L., **Calinovici I.** ; *The reducing of the cellular metabolism using the freezing conservation* ; Buletinul U.S.A.M.V. Cluj Napoca , Editura AcademicPres, Vol. 59 , ISSN 1454 – 2382 ; pg. 145 – 149 ; 2003.

D. Papers published in the journals and the tomes of conference with reviewer

D1. Chiș S.S., Ciutină V., **Calinovici I.**, Hălmăgean L., *Healthy ecological practices and economically attractive of leguminous plants crop fertilization*, Proceedings of the International Conference, Agri-Food Science, Processes and Technologies, Agri-Food XXV, Sibiu, 2015, ISSN 1843-0694, pag. 36-41.

D2. Calinovici I., *Researches concerning the topography of an area of ground with the purpose of its agroecological reconstruction*, 43rd Croatian and 3rd International Symposium on Agriculture, Opatija, Croatia, February 18-21, 2008, ISBN 978-953-6135-67-7, pag. 125-128.

D3. Calinovici I., *Determination of the mean square error of an indirect value function*, Sciences papers Faculty of Agriculture, University of Agricultural Sciences and veterinary Medicine of the Banat Timișoara, Vo. 40 (2), Editura Agroprint, Timișoara, 2008, ISSN 1221-5279, pag. 255-258.

D4. Calinovici I., *Researches on the transformation of measurements through the G.P.S. technology*, 42th Croatian & 2th International Symposium on Agriculture, February 13-16, **2007**, Opatija-Croatia, pp. 316-318, ISBN 978-953-6135-57-8;

D5. Calinovici I., *Establishing a normal system of equations in indirect measurements of the same precision*, 42th Croatian & 2th International Symposium on Agriculture, February 13-16, **2007**, Opatija-Croatia, pp. 319-321, ISBN 978-953-6135-57-8;

D6. Calinovici I., *Researches aimed at determination of approximate value in direct measurements of different precision*, 42th Croatian & 2th International Symposium on Agriculture, February 13-16, **2007**, Opatija-Croatia, pp. 322-324, ISBN 978-953-6135-57-8;

D7. Calinovici I., *Researches concerning the dimensioning of level canal in the tree plantation in the Lipova area*, Chişinău, Republic Moldova, **2007**, pp. 169-171; ISBN 978-9975-946-11-7 (general), 978-9975-946-31-5;

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D10. Calinovici I., Calinovici Cristina, Bârliba C., Hălmăgean L., *Establishing the optimal doses of fertilizers in fruit tree plantations*, 13th – 17th February 2006, Opatija-Croatia, ISBN 953-6331-39-X, pg. 711-712.

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D12. Hălmăgean L., Ciutina V., **Calinovici I.,** *Integrate weed contrôle in medicinal plants culture*, 13th – 17th February 2006, Opatija-Croatia, ISBN 953-6331-39-X, pg. 125-126.

D13. Calinovici I., *Determination of probable value in case of direct measurements*, Cercetări Ştiinţifice Facultatea de Horticultură Timişoara, Seria a IX-a, Editura Agroprint, Timişoara, 2005, ISSN 1453-15785, pg. 229-234.

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D21. Bârliba Luminița Livia , Ritt C. , Popescu C. , **Calinovici I.** , Bârliba C. , Ienciu Anișoara ; *Designing an area urban plan-perspectives for an economic development of localities situated at the outskirts of urban areas , Natural resources and sustainable development* ; University of Oradea ,Faculty of Environmental protection – University of Debrecen , Faculty of Agriculture , Oradea – Debrecen , I.S.B.N. 963 9274 73 9 , pg. 42 ; 23 – 24 april 2004 .

D22. Bârliba Luminița Livia , Ritt C. , **Calinovici I.** , Boldea Oana , Bârliba C. ; *Consideration on the automatic mapping* ; Analele Universității din Craiova , Vol. IX (XLV) , Biologie , Horticultură , Tehnologia prelucrării produselor agricole , Ingineria mediului , I.S.S.N. 1453 – 1275 , pg. 179 – 184 ; 2004.

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D38. Bârliba Livia Luminița , Bârliba C. , Florescu Antonella , Popescu C. , **Calinovici I.** , Petanec D. ; *Romanian village present and perspective* , Anales of University of Craiova , Vol. XXXII , Publishing House Sitech, Craiova, I.S.S.N. 1582 – 9391 ; pg. 259 – 264 ; 2003.

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F. The projects

F1 *Stopping the extinction of invasive species of plants from Mures Floodplain Natural Park*, number (project code) as it is filled in the financing application: 66109, 1-3/2014.

F2 Project POSDRU/135/5.2/S/128939-*The development durable of rural zone in West and North-West region*, 2007-2013.

F3 Project Nr.4/2005 Start Cup Udine, *Biosun Romitalia*, 2005-2008, total value : **50.000 euro**,

F4 Project nr. 93/2007, *The study concerning the development of connection between the Morilor Channel- Palatinul József Nádor și Canalul Élővíz*, HU-RO-SCG-1/330.

F5 Nr. 25579/19.06.2006, *The study concerning the platform as refuse in Arad, Câmpul Liniștii street.*

F6 Nr. 122/16.01.2008, *The researches concerning the influence of irrigation and fertilization on the growth and production at sunflower.*

F7 Nr. 3545/29.01.2007, *The researche concerning the influence of irrigation and fertilization on the growth and production at the maize*, S.C. Agro Ar Product SRL Ineu.

F8 Nr.3042/15.12.2008 , *The researches concerning the influence fertilization on the growth and production at sugar beet*, S.A. Trei Movile Șiclău.

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F14 Prog. X / 1990, Theme 1, Exp. 1.1, *Elaboration of method as pedological and agrochemistry mapping in tree plantation*, ICD Pitești-Mărăcineni, SCPP Lipova.

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