

# LISTĂ DE LUCRĂRI

## Sinteză

Conf. Dr. Ing. Teodora-Alexandrina Deac

### I. Teza de doctorat:

**Chira, T.**, Cercetări privind eficiența utilizării biocombustibililor solizi din rumeguș brichetat pentru generarea de energie termică, (2010), Universitatea Tehnică din Cluj-Napoca.

### II. Brevete de invenție

Mariașiu, F., Varga, B., **Deac, T.**, Dispozitiv de reducere a viscozității uleiurilor de ungere, la pornirea, la temperaturi ambientale scăzute, a motoarelor cu ardere internă, Brevet de invenție, nr. 128768/30.06.2016, eliberat de Oficiul de Stat pentru Invenții și Mărci, București, România.

### III. Cărți și capitole în cărți:

1. **Deac, T.**, Producerea energiei din surse regenerabile. Biomasa solidă, Editura Risoprint, Cluj-Napoca, (2016) 177, ISBN 978-973-53-1870-3.
2. **Deac, T.**, Procese de producere a energiei din surse regenerabile (agricultură și industria alimentară), Îndrumător de laborator, Editura U.T.Press, Cluj-Napoca, (2017) 105, ISBN 978-606-737-243-4; Format online: <https://biblioteca.utcluj.ro/carti-online.html>
3. Burnete, N., Naghiu, A., Rus, I., Chintoanu, M., Mariașiu, F., Varga, B., Ivan, I., Roman, C., Abraham, B., Pitl, G., **Deac, T.**, Vlad, N., Naghiu, L., Ispas, N., Rakoși, E., Mihon, L., Neag, L., Nicola, S., Motoare diesel și biocombustibili pentru transportul urban, Editura Mediamira, Cluj-Napoca, (2008) 1054, ISBN 978-973-713-217-8.
4. Burnete, N., Rus, I., Roș, V., Coldea, C., Cordoș, N., **Chira, T.**, Surse de energie pentru agricultură, Editura Alma Mater, Cluj-Napoca, (2004) 218, ISBN 973-8397-92-8.

### IV. Articole științifice publicate în reviste de specialitate cotate ISI, sau în reviste / volume indexate ISI sau BDI:

1. **Deac, T.**, Fechete-Tutunaru, L., Gaspar, F., Environmental Impact of Sawdust Briquettes Use—Experimental Approach, Energy Procedia, Elsevier, 85 (2016) 178–183, ISSN 1876-6102; Indexată: ISI Web of Science, Scopus, Ebsco, etc.; Disponibilă la: <http://www.sciencedirect.com/science/article/pii/S1876610215029896>.
2. Gaspar, F., **Deac, T.**, Fechete-Tutunaru, L., Moldovanu, D., Experimental Study on the Sun Tracking Ability of a Spherical Solar Collector, Energy Procedia, Elsevier, 85 (2016) 220-227, ISSN 1876-6102; Indexată: ISI Web of Science, Scopus, Ebsco, etc.; Disponibilă la: <http://www.sciencedirect.com/science/article/pii/S1876610215028921>
3. **Deac, T.**, Nagy, E., M., Coța, C., Cioica, N., Gyorgy, Z., Management of Agro-Zootechnical Biomass in Small Farms. Romanian Case Study, Proceedings of International Symposium of ISB - INMATEH. Agricultural and Mechanical Engineering, 2016, INMA Bucharest, (2016) 795-802, ISSN Online: 2537-3773; Indexată: Cab International (CAB Direct), Google Scholar; Disponibilă la: [http://isb.pub.ro/isbinmateh/2016/Volume\\_Symposium\\_2016.pdf](http://isb.pub.ro/isbinmateh/2016/Volume_Symposium_2016.pdf)
4. **Deac, T.**, Nagy, E., M., Coța, C., Cioica, N., Gyorgy, Z., Energy analysis of manufacturing process of biodegradable agricultural films, INMATEH-Agricultural Engineering, 47-3 (2015)67-74; ISSN 2068-4215; Indexată: Scopus, Cab

International (CAB Direct), Index Copernicus, etc.; Disponibilă la: <http://www.inmateh.eu>

5. Ivan, I., Mureșan, L., **Deac, T.**, The study of heavy metals level from ambient air: case study–Cluj County, Actual Tasks on Agricultural Engineering. Proceedings of the 41 International Symposium on Agricultural Engineering, Opatija, Croatia, 41 (2013) 115-121, ISSN 1333-2651; Indexată: ISI Proceedings, Cab International (CAB Direct), Cambridge Scientific Abstracts, etc.; Disponibilă la: <http://atae.agr.hr/proceedings.htm>
6. Ivan, I., Mureșan, L., **Deac, T.**, Study Regarding Lead Pollution Level. A Case Study-Cluj Country, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 70-2 (2013) 359-362, ISSN 1454-2382; Indexată: Cab International (CAB Direct), Agricola, Index Copernicus, Ebsco, etc.; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/view/9756>
7. **Deac, T.**, Roș, V., Mariașiu, F., Săvan, E., Borza, Gh., Analysis of energy efficiency for sawdust briquetting process, Actual Tasks on Agricultural Engineering. Proceedings of the 41 International Symposium on Agricultural Engineering, Opatija, Croatia, 39 (2011) 189-199, ISSN 1333-2651; ISI Proceedings, Cab International (CAB Direct), Cambridge Scientific Abstracts, etc.; Disponibilă la: <http://atae.agr.hr/proceedings.htm>
8. **Deac, T.**, Roș, V., Deac, M., An energy analysis of the sawdust pelletizing process: a systemic approach, Research Journal of Agricultural Science, Agroprint, Timișoara, 43-1 (2011) 312-319, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Ulrich's Periodicals Directory, etc.; Disponibilă la: [http://www.rjas.ro/volume\\_detail/5](http://www.rjas.ro/volume_detail/5)
9. **Deac, T.**, Roș, V., Mariașiu, F., Deac, M., The influence of the sawdust briquettes geometric parameters on the conversion efficiency, Research Journal of Agricultural Science, Agroprint, Timișoara, 43-1 (2011) 297-305, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Ulrich's Periodicals Directory, etc.; Disponibilă la: [http://www.rjas.ro/volume\\_detail/5](http://www.rjas.ro/volume_detail/5)
10. Ivan, I., **Deac, T.**, A study regarding carbon monoxid pollution in Cluj-Napoca City, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 68-2 (2011) 71-75, ISSN 1843-5246. Indexată: Cab International (CAB Direct), Index Copernicus, EBSCO, etc; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/view/6528>
11. Ivan, I., **Deac, T.**, A study regarding the air pollution in Cluj-Napoca City, 2011, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 68-2 (2011) 66-70, ISSN 1843-5246. Indexată: Cab International (CAB Direct), Index Copernicus, EBSCO, etc; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/viewFile/6527/5823>
12. Mariașiu, F., Varga, B., **Deac, T.**, Cordos, N., The influence of ultrasonic irradiation process on bioethanol-gasoline fuels on engine functional parameters, Research Journal of Agricultural Science, Agroprint, Timișoara, 43-1 (2011) 334-339, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Ulrich's Periodicals Directory, etc.; Disponibilă la: [http://www.rjas.ro/volume\\_detail/5](http://www.rjas.ro/volume_detail/5)
13. Borza, Gh., Roș, V., **Deac, T.**, Assessment of solid biomass energy potential for Petru Rareș – Reateag area, Revista Știință și Inginerie, 20 (2011) 99-106; Indexată: Cab International (CAB Direct), Index Copernicus, Google Scholar; Disponibilă la: <http://stiintasiinginerie.ro/wp-content/uploads/2014/01/14-EVALUAREA-POTEN%C5%A2IALULUI-DE-ENERGIE.pdf>
14. Borza, Gh., Roș, V., **Deac, T.**, Opportunities for solid waste energy recovery in rural Transylvania, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 67-1 (2010) 48-52, ISSN 1843-5246. Indexată: Cab International (CAB Direct), Index Copernicus, EBSCO, etc; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/viewFile/5011/4817>

15. **Deac, T.**, Roș, V., Mariașiu, F., Deac, M., Software for evaluation of agricultural farm energy potential, Research Journal of Agricultural Science, Agroprint, Timișoara, 41-2 (2009) 397-402, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/10](http://www.rjas.ro/volume_detail/10)
16. **Deac, T.**, Roș, V., Mariașiu, F., Borza, Gh., Possibilities of efficient use wood waste from silviculture and wood industry, Research Journal of Agricultural Science, Agroprint, Timișoara, 41-2 (2009) 403-408, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/10](http://www.rjas.ro/volume_detail/10)
17. Mariașiu, F., Burnete, N., **Deac, T.**, Possibilities to determinate the biofuels physically parameters in functional conditions, Research Journal of Agricultural Science, Agroprint, Timișoara, 41-2 (2009) 451-456, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/10](http://www.rjas.ro/volume_detail/10)
18. Mariașiu F., **Deac, T.**, Anticollision algorithm for v2v autonomuos agricultural machines, Research Journal of Agricultural Science, Agroprint, Timișoara, 41-2 (2009) 457-462, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/10](http://www.rjas.ro/volume_detail/10)
19. Ranta, O., Molnar, A., Gheres, M., **Deac, T.**, The agriculture – as energy producer (B), ProEnvironment ProMediu - Journal of Documentation, Research and Professional Training, USAMV Cluj-Napoca, 1-2 (2009) 39 – 41, ISSN 1844-6698; Indexată: Indexată: Cab International (CAB Direct), Index Copernicus, EBSCO, etc; Disponibilă la: <http://journals.usamvcluj.ro/index.php/promediu/article/view/2839>
20. Mariașiu, F., **Deac, T.**, Study regarding the thermal energy co-generation possibilities for an agricultural farm, Research Journal of Agricultural Science, Agroprint, Timișoara, 40-2 (2008) 473-476, ISSN 2066-1843; Indexată: Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/17](http://www.rjas.ro/volume_detail/17)
21. Ivan, I., **Deac, T.**, The study about the possibilities to increasing the animals livestock number in Romania in first years after the EU integration, Research Journal of Agricultural Science, Agroprint, Timișoara, 40-3 (2008) 219-222, ISSN 2066-1843; Indexată: Google Scholar; Disponibilă la: [http://www.rjas.ro/volume\\_detail/4](http://www.rjas.ro/volume_detail/4)
22. Ivan, I., **Deac, T.**, The analyze of possibilities to increasing the Romania's agricultural performances, Acta Technica Napocensis Series: Applied Mathematics And Mechanics, 50-V (2007) 457-460, ISSN .
23. **Chira (Deac), T.**, Roș, V., Gheres, M., Fechet, L., Ranta, O., Molnar, A., The possibilities of energetic crop uses in Romania, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 62 (2006) 55-60, ISSN 1454-2382; Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/view/1561>
24. **Chira (Deac), T.**, Bălan, M., Basic software for the thermal energy demand analysis of a household using solid biomass as energy source, Revista Termotehnica, AGIR, România, 10-(1-2) (2006) 75-79, ISSN 2247-1871; Indexată: Index Copernicus, Academic Keys, getCited; Disponibilă la: <http://www.revistatermotehnica.agir.ro>
25. Ghereș, M., Roș, V., **Chira, T.**, Technical and economical analysis of bioenergy production, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 62 (2006) 68-73, ISSN 1454-2382. Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.; Disponibilă la: <http://journals.usamvcluj.ro/index.php/agriculture/article/view/1564>
26. **Chira (Deac), T.**, Roș, V., Fechet, L., V., The analysis of the impact factors on the efficiency of solid biomass heating plants, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 61 (2005) 250-255, ISSN 1454-2382. Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.

27. Fechete, L.,V., Roş, V., **Chira (Deac), T.**, The energy of plowing system, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 61 (2005) 187-192, ISSN 1454-2382. Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.
28. Roş, V., **Chira (Deac), T.**, Bâlc, G., Fechete, L., A method for evaluation of the energy potential in an agricultural farm, Balkan Agricultural Engineering Review, 5 (2004), ISSN 1312-5443. Indexata: Google Scholar; Disponibilă la: [http://baer.uni-ruse.bg/papers\\_v5/2004\\_v5\\_02.pdf](http://baer.uni-ruse.bg/papers_v5/2004_v5_02.pdf)
29. **Chira (Deac), T.**, Roş, The uses of solid biomass in small farms, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 59 (2003) 115-120, ISSN 1454-2382. Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.
30. Roş, V., Cordoş, N., **Chira (Deac), T.**, Renewable Energy Sources (RES) in agriculture, 2003, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 59 (2003) 174-179, ISSN 1454-2382. Indexată: ISI Proceedings, Cab International (CAB Direct), Index Copernicus, etc.

#### V. Articole ştiinţifice publicate în reviste recunoscute B

1. **Deac, T.**, Roş, V., Deac, M., Aspects regarding the economic efficiency of renewable energy sources, International Congress AMMA-2007, Cluj-Napoca, published by ACTA TECHNICA NAPOCENSIS, Applied Mathematics and Mechanics Series, 50-V (2007) 365-370, ISSN 1221-5872.
2. Roş, V., **Deac, T.**, Suciu, F., Perspectives on development of the Romanian renewable energy sources, International Congress AMMA-2007, Cluj-Napoca, published by ACTA TECHNICA NAPOCENSIS, Applied Mathematics and Mechanics Series, 50-V (2007) 305-310, ISSN 1221-5872.
3. Filip, N., **Deac, T.**, Losonţi, I., Suciu, L., Research regarding the data collection equipments for measuring traffic parameters, 2007, International Congress AMMA-2007, Cluj-Napoca, published by ACTA TECHNICA NAPOCENSIS, Applied Mathematics and Mechanics Series, 50-V (2007) 97-102, ISSN 1221-5872.
4. Ivan, I., **Deac, T.**, The analyze of possibilities to increasing the Romanian's agricultural performances, 2007, International Congress AMMA-2007, Cluj-Napoca, published by ACTA TECHNICA NAPOCENSIS, Applied Mathematics and Mechanics Series, 50-V (2007) 457-460, ISSN 1221-5872.
5. Suciu, F., **Deac, T.**, Roş, V., Perspectivele utilizării surselor regenerabile pentru producţia de energie în România, INMATECH Bucureşti, (2007) 155-160, ISSN 1583-1019.

#### VI. Articole / studii susţinute la manifestări ştiinţifice internaţionale recunoscute din ţară şi din străinătate

1. Mariaşiu, F., **Deac, T.**, Experimental Research on Heat Potential of an IC Engine used in a Co-generation Energy System (CHP System), International Scientific Conference EE&AE'2009, Rousse, Bulgaria, (2009).
2. **Deac, T.**, Roş, V., Fechete, L., A method for energy analysis of a biomass thermal unit for a household, International Scientific Conference EE&AE'2006, Rousse, Bulgaria, (2006).
3. **Deac, T.**, Roş, V., Fechete, L., Ghereş, M., Comparative analysis of technological solutions for efficiency biomass combustion, Editura Risoprint, Cluj-Napoca, (2005) 69-74, ISBN 973-751-111-5.
4. L.Fechete, V.Roş, M.Ghereş, **Chira, T.**, Energetic valuing ways of agricultural wastes, International Conference The Impact of European Integration of the national economy, Technology and Quality of Products Section, Cluj-Napoca, (2005) 93-98, ISBN 973-751-111-5.

5. **Chira, T.**, Roș, V., Ghereș, M., Fechete, L., Sursele Alternative de Energie o Soluție pentru Scăderea Gradului de Poluare a Aerului, Buletinul Simpozionului Internațional „Invățământ și Cercetare în Merceologie”, Editura Alma Mater, Cluj-Napoca, (2004) 185-190, ISBN 973-8397-90-1.
6. Ghereș, M., Roș, V., Fechete, L., **Chira, T.**, Cercetări Privind Combaterea Poluării Mediului prin Irigarea Culturilor, Buletinul Simpozionului Internațional „Invățământ și Cercetare în Merceologie”, Editura Alma Mater, Cluj-Napoca, (2004) 253-258, ISBN 973-8397-90-1.
7. Fechete, L., Roș, V., Ghereș, M., **Chira, T.**, Rolul Solului în Managementul Reziduurilor, Buletinul Simpozionului Internațional „Invățământ și Cercetare în Merceologie”, Editura Alma Mater, Cluj-Napoca, (2004) 134-139, ISBN 973-8397-90-1.

#### VII. Citări în reviste de specialitate indexate BDI:

1. Barabás, I., Todoruț, A., Cordoș, N., An Artificial Neural Network Approach to Estimate the Viscosity of Biodiesel-Diesel-Ethanol Blends, Acta Technica Napocensis Series: Applied Mathematics, Mechanics and Engineering, 59-3 (2016) 245-250, ISSN 1221-5872; Indexată: Thomson Reuters, Index Copernicus, WorldCat, etc.; Disponibilă la: <http://atna-mam.utcluj.ro/index.php/Acta/article/view/784/0>. Lucrare citată: **Deac, T.**, Fechete-Tutunaru, L., Gaspar, F., Environmental Impact of Sawdust Briquettes Use—Experimental Approach, Energy Procedia, Elsevier, 85 (2016) 178–183, ISSN 1876-6102.
2. Consedine, T., DiRuzza, E., Grabinsky, J., Pelissari, K., Renewable Energy SMART Lessons: An Educational Approach to Energy Independence in Namibia, An Interactive Qualifying Project, Faculty of Worcester Polytechnic Institute, (2017), Indexată: Google Scholar; Disponibilă la: [https://web.cs.wpi.edu/~rek/Projects/EduVentures\\_Proposal.pdf](https://web.cs.wpi.edu/~rek/Projects/EduVentures_Proposal.pdf). Lucrare citată: Gaspar, F., **Deac, T.** Fechete-Tutunaru, L., Moldovanu, D., Experimental Study on the Sun Tracking Ability of a Spherical Solar Collector, Energy Procedia, Elsevier, 85 (2016) 220-227, ISSN 1876-6102.
3. Nagy, E., M., Coța, C., Cioica, N., Evaluation Method of Energy Potential of Solid Vegetal Biomass, INMATEH-Agricultural Engineering, 38-3 (2012) 45-52, 2068-4215; Indexată: Scopus, Cab International (CAB Direct), Index Copernicus, etc.; Disponibilă la: [http://www.inmateh.eu/INMATEH\\_III\\_2012/6\\_Nagy\\_E\\_M.pdf](http://www.inmateh.eu/INMATEH_III_2012/6_Nagy_E_M.pdf). Lucrare citată: Deac, T., Ros, V., Deac, M., An energy analysis of the sawdust pelletizing process: a systemic approach, Research Journal of Agricultural Science, Agroprint, Timișoara, 43-1 (2011) 312-319, ISSN 2066-1843; Indexată: Cab International (CAB Direct), Index Copernicus, Ulrich's Periodicals Directory, etc.; Disponibilă la: [http://www.rjas.ro/volume\\_detail/5](http://www.rjas.ro/volume_detail/5).
4. Kusch, S., Morar, M., V., Integration of lignocellulosic biomass into renewable energy generation concepts, ProEnvironment, ProMediu - Journal of Documentation, Research and Professional Training, USAMV Cluj-Napoca, 2-3 (2009) 32 – 37, ISSN 1844-6698; Indexată: Indexată: Cab International (CAB Direct), Index Copernicus, EBSCO, etc; Disponibilă la: <http://journals.usamvcluj.ro/index.php/promediu/article/view/3273>. Lucrare citată: Ranta, O., Molnar, A., Gheres, M., **Deac, T.**, The agriculture – as energy producer (B), ProEnvironment ProMediu - Journal of Documentation, Research and Professional Training, USAMV Cluj-Napoca, 1-2 (2009) 39 – 41, ISSN 1844-6698.
5. Ghereș, M., I., Mathematical Model for Studying the Influence of Tillage Tool Geometry on Energy Consumption, INMATEH - Agricultural Engineering, 42-1 (2014) 5-12; Indexată: Scopus, Cab International (CAB Direct), Index Copernicus, etc.; Disponibilă la: [http://www.inmateh.eu/INMATEH\\_1\\_2014/1\\_Gheres.pdf](http://www.inmateh.eu/INMATEH_1_2014/1_Gheres.pdf). Lucrare citată: Ivan, I., **Deac, T.**, The analyze of possibilities to increasing the Romania's agricultural performances, Acta Technica Napocensis Series: Applied Mathematics and Mechanics, 50-V (2007) 457-460, ISSN 1221-5872.
6. Bravo, M.L., Naim, M.M. & Potter, A., Key issues of the upstream segment of biofuels supply chain: a qualitative analysis, Logistics Research, Springer Berlin Heidelberg, 5 (2012)21–31; ISSN 1865-0368; Indexată: Scopus, DOAJ,

ProQuest, etc.; Disponibilă la: <http://link.springer.com/article/10.1007/s12159-012-0077-x>. Lucrare citată: Ghereș, M., Roș, V., **Chira, T.**, Technical and economical analysis of bioenergy production, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 62 (2006) 68-73, ISSN 1454-2382.

7. Gaspar, F., Cherecheș, A., I., Băldean, D., Determinarea temperaturii maxime în stare de repaus a unui captator termo-solar plan. Prototip pentru un oraș inteligent, Buletinul AGIR, 1 (2017) 84-87, ISSN 2247-3548; Indexată: Index Copernicus, Academic Keys, getCited; Disponibilă la: <http://www.buletinulagir.agir.ro/articol.php?id=2830>. Lucrare citată: **Chira (Deac), T.**, Roș, V., Fechete, L., V., The analysis of the impact factors on the efficiency of solid biomass heating plants, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Series Agriculture, 61 (2005) 250-255, ISSN 1454-2382.
8. Nagy, E., M., Coța, C., Cioica, N., Evaluation method of energy potential of solid vegetal biomass, INMATEH-Agricultural Engineering, 38-3 (2012) 45-52, 2068-4215; Indexată: Scopus, Cab International (CAB Direct), Index Copernicus, etc.; Disponibilă la: [http://www.inmateh.eu/INMATEH\\_III\\_2012/6\\_Nagy\\_E\\_M.pdf](http://www.inmateh.eu/INMATEH_III_2012/6_Nagy_E_M.pdf). Lucrare citată: Roș, V., **Chira (Deac), T.**, Bâlc, G., Fechete, L., A method for evaluation of the energy potential in an agricultural farm, Balkan Agricultural Engineering Review, 5 (2004), ISSN 1312-5443.

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