

Universitatea din Petroșani
Facultatea de Mine
Departamentul: Ingineria Mediului și Geologie

Candidatură pentru abilitare

Domeniul: ȘTIINȚE INGINEREȘTI - MINE, PETROL ȘI GAZE

Comisia CNATDCU: INGINERIE GEOLOGICĂ, INGINERIE GEODEZICĂ, MINE, PETROL ȘI GAZE

Candidat: CIOLEA DANIELA IONELA

LISTA DE LUCRĂRI

Candidat: CIOLEA I. Daniela Ionela, Dr.ing. din **2008 - MINE, PETROL ȘI GAZE** și
Dr.ing. din **2016 - INGINERIA MEDIULUI /**
Conf.univ.dr.ing. din **2019**

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A) Lucrări relevante pentru realizările profesionale proprii (maxim 10 lucrări)

- 1. Ciolea, Daniela Ionela**, Ionel Ioana, Mihaiuti A. - *Research Concerning the Possibility of Turning Sterile Soil Into a Fruitful One, by Using Sludge*, pp. 3236-3241, Revista de Chimie, București, 70, No. 9, **2019**, <https://www.revistadechimie.ro/pdf/32%20CIOLEA%209%202019.pdf>, *ISI*
- 2. Ciolea, Daniela Ionela**, E.C. Dunca - *Research and proposals to use sludge on waste dumps Lupeni, Romania*. 17th International Multidisciplinary Scientific GeoConference SGEM **2017**, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7105-65-0 / ISSN 1314-2704, June 27 - July 6, 2017. DOI: 10.5593/sgem2017/51/S20.105 <https://sgemworld.at/sgemlib/spip.php?article10757> *Proceedings, SCOPUS*
- 3. Ciolea, Daniela Ionela** - *Researches and proposals on the eco-recovery by combined methods of the sludge resulted in urban wastewater treatment*, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-08-9 / ISSN 1314-2704, 29 June - 5 July, **2017**, Vol. 17, Issue 51, 827-834 pp, DOI: 10.5593/sgem2017/51/S20.108, DOI: 10.5593/SGEM2017/51/S20.108 <https://sgemworld.at/sgemlib/spip.php?article10760> *Proceedings, SCOPUS*
- 4. M. Lazăr, F.G. Faur, E. Dunca, Ciolea, Daniela Ionela** - *New methodology for establishing the optimal reuse alternative of degraded lands*, Environmental Engineering and Management Journal, June **2017**, Vol.16, No. 6, 1301-1308, Impact factor 1,065, SCR: 0,071, WOS: 000409071500009, <http://omicon.ch.tuiasi.ro/EEMJ/>, <http://eemj.eu/index.php/EEMJ/article/view/3290>, Free Full Text from Publisher *ISI*

D. Ciolea

5. **Ciolea, Daniela Ionela**, Rusu T., Dunca E., Lazăr M., Popescu S. - *Research on the obtaining of energy in the sewage sludge and exploiting the residue to the sterile deposit*, Volume I, ISBN 978-619-7105-65-0/ISSN 1314-2704, **2016**, Book 5 Vol. 1, 585-592 pp. 16th SGEM GeoConference on Ecology and Environmental Protection, DOI: 10.5593/SGEM2016/B51/S20.078.
http://www.sgem.org/SGEMLIB/spip.php?page=forum&id_article=7305, [RESEARCH ON THE OBTAINING OF ENERGY IN THE SEWAGE SLUDGE AND EXPLOITING THE RESIDUE TO THE STERILE DEPOSIT](#) *ISI Proceedings*
6. E. Dunca, **Ciolea, Daniela Ionela**, Maria Lazăr, F.Faur - *Ecosystem restoration mining waste dumps in Romania*. 15th International Multidisciplinary Scientific GeoConference SGEM **2015**,www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-39-1/ISSN 1314-2704, June 18-24, 2015, Book5 Vol. 1, 231-236 pp. DOI: 10.5593/SGEM2015/B51/S20.030, <http://www.sgem.org/sgemlib/spip.php?article6281&lang=en> [ECOSYSTEM RESTORATION MINING WASTE DUMPS IN ROMANIA](#) *ISI Proceedings*
7. E. Dunca, **Ciolea, Daniela Ionela**, Matei A. - *The eco-technologies based on extensively natural treatment wastewater in rural and suburban areas the purpose of recovering the energy and nutrients*, Ecology and Environmental Protection, SGEM **2014** Conference, 14th SGEM GeoConference on Ecology, Economics, Education and Legislation, Vol. 2, No. SGEM2014 Conference Proceedings, ISBN 978-619-7105-17-9 / ISSN 1314-2704, June 19-25, 2014, Vol. 1, 689-694 pp. (2014), [doi:10.5593/SGEM2014/B51/S20.094](https://doi.org/10.5593/SGEM2014/B51/S20.094) Key: citeulike:13484099 <https://sgemworld.at/sgemlib/spip.php?article4794> [THE ECO-TECHNOLOGIES BASED ON EXTENSIVELY NATURAL TREATMENT WASTEWATER IN RURAL AND SUBURBAN AREAS THE PURPOSE OF RECOVERING THE ENERGY AND NUTRIENTS](#) *ISI Proceedings*
8. **Ciolea, Daniela Ionela**, E. Dunca, M. Lazăr, F. Faur - *Experimental studies of combined techniques for decreasing the emission of sulfur and nitrogen oxides following coal combustion*. 13th SGEM GeoConference on Energy And Clean Technologies, SGEM**2013** Conference Proceedings, ISBN 978-619-7105-03-2 / ISSN 1314-2704, 2013, 111 - 118 pp. DOI:10.5593/SGEM2013/BD4/S17.015. *ISI Proceedings*
http://www.sgem.org/SGEMLIB/spip.php?myfmahyypym&debut_article_langue=400,
<https://sgemworld.at/sgemlib/spip.php?article3230> [EXPERIMENTAL STUDIES OF COMBINED TECHNIQUES FOR DECREASING THE EMISSION OF SULFUR AND NITROGEN OXIDES FOLLOWING COAL COMBUSTION](#)
9. Cîrțînă, D.; **Ciolea, Daniela Ionela** - *Considerations regarding the protection and prevention pollution of water*, Conference: 18th International Conference on Knowledge-Based Organization (KBO 2012) Location: Sibiu, ROMANIA Date: JUN 14-16, **2012** Sponsor(s): Nicolae Balcescu Land Forces Acad 18th International Conference - The Knowledge-Based Organization: Applied Technical Sciences And Advanced Military Technologies, Conference Proceeding 3 Book Series: Knowledge Based Organization International Conference Pages: 37-42, Published: 2012, (from Web of Science Core Collection) *ISI Proceedings*
10. **Ciolea, Daniela Ionela**, Georgescu M. - *Experimental researches for the reduction of the atmospheric noxes resultd from pit coal combustion in the thermoelectrical centrals-Romania*, pp. 460-467, Proceedings of 17th *International Symposium on Mine Planning and Equipment Selection (MPES 2008)* Held in Beijing, China, October 20-22, 2008, Journal code: ISSN 1001-1250/CN34-1055/TD, Beijing, China, 2008. <http://www.mpes-cami-swemp.com/mpes2008.pdf>
Proceedings, BDI

B) Tezele de doctorat

1. *Studiul reducerii noxelor atmosferice degajate prin arderea combustibililor solizi în centralele electrotermice, cu aplicație la C.E.T. Paroșeni*, Universitatea din Petroșani, Conducător științific: prof.univ.dr.ing. Georgescu Mircea, 30.11.2007, confirmat prin Ordinul M.E.C. nr. 3439/12.03.2008.
2. *Studii și cercetări privind ciclul de viață al nămolurilor rezultate la epurarea apelor uzate urbane*, Universitatea Tehnica din Cluj Napoca, Conducător științific: prof.univ.dr.ing. Rusu Tiberiu, 26.10.2016, confirmat prin Ordinul M.E.C. nr. 5895/28.11.2016, Calificativul: **Foarte bine/Magna cum laude**.

C) Teza(-ele) de abilitare -

D) Lucrări care pun în evidență contribuția științifică:

- CĂRȚI PUBLICATE LA EDITURI DIN ȚARĂ, RECUNOSCUTE DE CNCS:

1. **Ciolea, Daniela Ionela** – *Investigarea factorilor de mediu*, ISBN 978-973-741-575-2, Editura Universitas, **Petroșani**, 2018, (B5/219 p.)
2. **Ciolea, Daniela Ionela** – *Cercetări privind ciclul de viață al nămolurilor rezultate la epurarea apelor uzate urbane*, ISBN 978-606-737-303-5, Editura UPRESS Cluj Napoca, 2018, (B5/150 p.)
3. **Ciolea, Daniela Ionela** - *Cercetări privind reducerea noxelor atmosferice rezultate din arderea combustibililor solizi*, ISBN 978-973-741-543-1, Editura Universitas, **Petroșani**, 2017, (B5/235 p.)
4. **Ciolea, Daniela Ionela** - *Depoluarea aerului*, Editura Universitas, ISBN 978-973-741-269-0, **Petroșani**, 2012 (B5/178 p.)

- ARTICOLE PUBLICATE ÎN REVISTE DE CIRCULAȚIE INTERNAȚIONALĂ, SPECIFICE DOMENIULUI, COTATE ISI SAU INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE:

1. **Ciolea, Daniela Ionela** - *Methodological steps for collecting gas samples*, Annals of the University of Petrosani Mining Engineering, 2020/1/1, Vol. 21, pp.156-163, ISSN 1454-9174 [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2021-2020%20\(XLVIII\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2021-2020%20(XLVIII).pdf)
2. **Ciolea, Daniela Ionela**, Dunca Emilia Cornelia - *Evaluation of soil health according to chemical indices of soil air*, Annals of the University of Petrosani Mining Engineering, 2020/1/1, Vol. 21, pp. 164-172, ISSN 1454-9174 [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2021-2020%20\(XLVIII\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2021-2020%20(XLVIII).pdf)
3. **Ciolea, Daniela Ionela**, Dunca Emilia Cornelia - *Research on the exploitation of coal in the Roșia Quarry through the prism of environmental protection*, Revista Minelor, vol. 26/ nr.2/ 2020, pp. 22-29, ISSN-L 1220-2053/ ISSN 2247-8590, <https://issuu.com/revmin/docs/nr2ro2020>, <https://www.ebscohost.com/titleLists/a9h-journals.pdf>
4. Dunca Emilia Cornelia, **Ciolea, Daniela Ionela**, - *Do the activities of the Roșia Jiu Quarry contribute to the climate change in the related area?* Revista Minelor, vol.26/nr.2/ 2020, pp. 30-36, ISSN-L 1220-2053/ ISSN 2247-8590, <https://issuu.com/revmin/docs/nr2ro2020>, <https://www.ebscohost.com/titleLists/a9h-journals.pdf>
5. Dunca Emilia Cornelia, **Ciolea, Daniela Ionela**, M.Georgescu, A.Matei, R. Matei, S. Mangu-

Use of aquatic vegetation for the treatment of mine acid waters in the Mine Brad, Inżynieria Mineralna - LIPIEC – Grudzień July – December -Journal of the Polish Mineral Engineering Society, No 2(44), p. 107 – 111, 2019, E-ISSN: 1640-4920, SRI 0,22; Impact Factor: 0.589, <http://doi.org/10.29227/IM-2019-02-18>, <http://www.potopk.com.pl/archiwum.html> <https://www.scimagojr.com/journalsearch.php?q=145379&tip=sid>

6. Ciolea, Daniela Ionela, E. Dunca - *The underground space, a solution for the protection of the environment*, Annals of the University of Petrosani Mining Engineering, 2018/1/1, Vol. 19, pp. 237-247, [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2019-2018%20\(XLVI\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2019-2018%20(XLVI).pdf)

7. M. Lazăr, F.G. Faur, E. Dunca, Ciolea, Daniela Ionela - *New methodology for establishing the optimal reuse alternative of degraded lands*, Environmental Engineering and Management Journal, June 2017, Vol.16, No. 6, 1301-1308, Impact factor 1,065, SCR: 0,071, WOS:000409071500009, <http://omicron.ch.tuiasi.ro/EEMJ/>, <http://eemj.eu/index.php/EEMJ/article/view/3290>, NEW METHODOLOGY FOR ESTABLISHING THE OPTIMAL REUSE ALTERNATIVE OF DEGRADED LANDS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL.

8. Dunca E.C., Ciolea, Daniela Ionela, A. Matei, S. Mangu - *Solutions for environmental restoration using compost from waste in South Pesteana Quarry*. International conference 20th Conference on Environment and Mineral Processing. Ostrava-Poruba, Czech Republic, pp. 81-86, 2016, <http://www.globaleventslist.elsevier.com/events/2016/06/20th-conference-on-environment-and-mineral-processing/SCOPUS> SCOPUS (Elsevier), Journal Rankings of Environmental Science, EBSCO, POL-index and Web of Science.

9. Ciolea, Daniela Ionela - *Studies on the impact of activities to desilting the Mures river - Felnac area*, Annals of the University of Petrosani-Mining Engineering, B+, Vol.16 (XXXIV), pp. 145-150, Editura Universitas, 2015, <http://www.upet.ro/annals/mining/pdf/Annals%20UPET%20-%20MINING%20ENGINEERING%202015.pdf>, http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/ulrichslb3u.asp

10. Ciolea, Daniela Ionela, Dunca E.C. - *Studies on waste deposit Lipova and environmental Protection*, Annals of the University of Petrosani-Mining Engineering, vol.16 ((XXXIV), pp. 159-164, Editura Universitas, 2015, <http://www.upet.ro/annals/mining/pdf/Annals%20UPET%20-%20MINING%20ENGINEERING%202015.pdf>

11. Dunca E.C., Ciolea, Daniela Ionela - *Gestion d'un site minier polluee potentiellement - Lagoon le Triangle des Marienau – Forbach*, Annals of the University of Petrosani-Mining Engineering, vol.16 (XXXIV), pp. 165-174, Editura Universitas, 2015, <http://www.upet.ro/annals/mining/pdf/Annals%20UPET%20-%20MINING%20ENGINEERING%202015.pdf>.

12. Ciolea, Daniela Ionela - *Studies on the quality of the sludge and measures to reduction th e negative impact*, Annals of the University of Petroșani - Mining Engineering, vol.16 ((XXXIV), pp. 151-158, Editura Universitas, 2015. <http://www.upet.ro/annals/mining/pdf/Annals%20UPET%20-%20MINING%20ENGINEERING%202015.pdf>

13. Ciolea, Daniela Ionela, Rusu T., Gabor T. - *Measures for decreaseding negative impact of sludge capitalization*, ECOTERRA, Journal of Environmental Research and Protection, Vol. 11, no. 1, 2014, <http://www.ecoterra-online.ro/files/1402003034.pdf>

14. Dunca E., Ciolea, Daniela Ionela, Matei A., Moldovan C. - *Study on evaluating the soil pollution from the factory "REFRACERAM" Baru Mare*, 19th Conference on Environment and Mineral Processing. Part I, 4.06. – 6.06.2015, VSB-TU Ostrava, Czech Republic, pp. 174-152, http://homen.vsb.cz/hgf/546/konference_en.html, SCOPUS (Elsevier), Journal Rankings of Environmental Science, EBESCO, POL-index and Web of Science, http://homen.vsb.cz/hgf/546/PDF/EaMP_2015%20Eng.pdf

- 15. Ciolea, Daniela Ionela, Rusu T., Dunca E.** - *Analysis on the mud life cycle resulted from water purging in Romania*, Annals of the University of Petrosani-Mining Engineering, vol.15 (XXXXII), pp. 227-232, Editura Universitas, 2014, (BDI), [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20\(XLII\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20(XLII).pdf)
- 16. Ciolea, Daniela Ionela, Rusu T.** - *Research on the structure and composition of the sludge obtained from the WWTP Danutoni*, Annals of the University of Petrosani-Mining Engineering, vol.15 (XXXXII), pp. 220-226, Editura Universitas, 2014, (BDI), [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20\(XLII\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20(XLII).pdf)
- 17. Dunca E., Ciolea, Daniela Ionela** - *Risk assement pollution and ecotoxicological effect in sites abandoned mining industry in Romania*, Annals of the University of Petrosani-Mining Engineering, vol.15 (XXXXII), pp. 124-134, Editura Universitas, 2014, (BDI), [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20\(XLII\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2015-2014%20(XLII).pdf)
- 18. Ciolea, Daniela Ionela** – *Research on the obtaining and disposal sludge in the Jiu Valley*, Annals of the University of Petrosani-Mining Engineering, vol. 14 (XXXXI), CNCSIS - revistă categoria BDI, pp. 255-260, UNIVERSITAS Publishing House, 2013 <http://www.upet.ro/annals/mining/pdf/Anale%20mining%202013%20v2.pdf>
- 19. Ciolea, Daniela Ionela** – *Studies on the wastewater sludge from the western part of Romania*, Mining Engineering, vol. 14 (XXXXI), CNCSIS - revistă categoria BDI, pp. 269-276, 2013 <http://www.upet.ro/annals/mining/pdf/Anale%20mining%202013%20v2.pdf>
- 20. M.Lazăr, F.Faur, E. Dunca, Ciolea, Daniela Ionela** - *Landslides occurred in Bujorăscu Valley Dump and stability improvement solutions*. Environmental Engineering and Management Journal **2012**, Vol.11, No. 7, 1361-1366, <http://omicron.ch.tuiasi.ro/EEMJ/>. Impact factor: 1,117, [LANDSLIDES OCCURRED IN BUJORASCU VALLEY DUMP AND STABILITY IMPROVEMENT SOLUTIONS](http://www.upet.ro/annals/mining/pdf/Anale%20mining%202013%20v2.pdf) By: Lazar, Maria; Faur, Florin; Dunca, Emilia; **Ciolea, Daniela Ionela** ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL .Volume: 11, Issue: 7, Pages: 1361-1366. Published: JUL 2012
- 21. Dunca E., Ciolea, Daniela Ionela** - *Solutions of fertilization on degraded soils dump Bohorelu*. Annals of the University of Petroșani - Mining Engineering, vol. 12, pp. 344-353, Editura Universitas, 2012. <http://www.upet.ro/annals/mining/pdf/annals%20mining%202012.pdf>.
- 22. Ciolea, Daniela Ionela, E. Dunca-** *Researches concerning the ecoefficiency of the liquefied layer combustion of various solid fuels*. Annals of the University of Petroșani - Mining Engineering, vol. 13, pp. 293-302, Editura Universitas, 2012. (B+), <http://www.upet.ro/annals/mining/pdf/annals%20mining%202012.pdf> [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2013-2012%20\(XL\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2013-2012%20(XL).pdf)
- 23. Dunca E., Ciolea, Daniela Ionela** - *Solutions of fertilization on degraded soils dump Bohorelu*. Annals of the University of Petroșani - Mining Engineering, vol. 13, pp. 344-353, Editura Universitas, 2012. <http://www.upet.ro/annals/mining/pdf/annals%20mining%202012.pdf> [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2013-2012%20\(XL\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2013-2012%20(XL).pdf)
- 24. Dunca E., Ciolea, Daniela Ionela** - *Recherche sur le compostage des déchets verts et de son utilisation dans le rétablissement de dégradés par les activités industrielles*, Mining Engineering, vol. 11, pag p. 237-243, Editura Universitas, 2012. (BDI), [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20\(XXXIX\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20(XXXIX).pdf)
- 25. Ciolea, Daniela Ionela, Căpățână C.** - *Study on the reduction of emissions powders - Mintia*

Thermoelectrical Power, *Annals of the University of Petroșani - Mining Engineering*, vol. 12, pag p. 244-249, Editura Universitas, 2011. (BDI), [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20\(XXXIX\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20(XXXIX).pdf)

26. E.Dunca, **Ciolea, Daniela Ionela** - *Recherche sur le compostage des déchets verts et de son utilisation dans le rétablissement de dégradés par les activités industrielles*. *Annals of the University of Petroșani - Mining Engineering*, vol. 12, pp. 237-243, Editura Universitas, 2011. ISSN 1454-9174. (B+) [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20\(XXXIX\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20(XXXIX).pdf)

27. **Ciolea, Daniela Ionela**, E. Dunca- *Study on the installation's of FGD - Mintia Deva*. *Annals of the University of Petroșani - Mining Engineering*, vol. 12, pp. 251-255, Editura Universitas, 2011. (BDI) [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20\(XXXIX\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2012-2011%20(XXXIX).pdf)

28. Căpățână C., **Ciolea, Daniela Ionela** - *The impact of the oil activities on the waters in the year 2010, from the district of Gorj, Romania*, *Proceeding of 15th Conference on Environment and Mineral Processing & Exhibition, Part I, VSB-TU Ostrava*, pp. 165-170, ISBN 978-80-248-1995-2, 2011. http://books.google.ro/books/about/15th_Conference_on_Environment_and_Miner.html?id=V9pEuAAACAAJ&redir_esc=y

29. **Ciolea, Daniela Ionela**, Dumitrescu I., Ionel I. - *Experimental researches for different wet desulphurization technologies*, *Revista Minelor, Revista tip B+*, pp. 30-33, vol.16, Nr.5/2010 <https://www.upet.ro/revistaminelor/arhiva/2010.php>, <https://www.ebscohost.com/titleLists/a9h-journals.pdf>, EBSCO

30. **Ciolea, Daniela Ionela**, E. Dunca- *Issues concerning the best available techniques for combustion of solid fuels*. *Annals of the University of Petroșani - Mining Engineering*, vol. 11, pp. 309-318, Editura Universitas, 2010. (B+), <http://www.upet.ro/anale/mine/pdf/Annals-Mining-Engineering-2010.pdf> [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20\(XXXVIII\).pdf#page=250](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20(XXXVIII).pdf#page=250)

31. **Ciolea, Daniela Ionela**, E. Dunca, N. Cristea - *The effects the atmospheric sulfate particles and fine particles-PM_{2,5} have on health*. *Annals of the University of Petroșani - Mining Engineering*, vol. 10, pp. 265-272, Editura Universitas, 2009. (BDI), <http://www.upet.ro/anale/mine/pdf/Annals-Mining-Engineering-2009.pdf>

32. Frank A., Bădulescu D., **Ciolea, Daniela Ionela** – *Influența exploatărilor subterane asupra mediului înconjurător*, pp.21-25, *Revista tip B+*, *Revista minelor Nr.1 (211)/2009*, ISSN-L 1220-2053/ISSN 2247-8590. *Revista C.N.C.S.I.S. în categoria B+* <https://www.upet.ro/revistaminelor/arhiva/rm2009/rm1.html>

33. E. Dunca, **Ciolea, Daniela Ionela** - *L'étude stationnel sur les depots des steriles du Petrila, Roumanie*. *Annals of the University of Petroșani - Mining Engineering*, vol. 10, pp. 309-318, Editura Universitas, 2009. (B+), <http://www.upet.ro/anale/mine/pdf/Annals-Mining-Engineering-2009.pdf>

34. **Ciolea, Daniela Ionela**, Georgescu M. - *Experimental researches concerning the desulphurization of the gases that resulted from the coals' combustion – Romania*, *The 18th International Symposium On Mine Planning And Equipment Selection (MPES 2009)*, p. 238-245, ISBN: 978-1-62993-277-4, vol. 1, 16-19 November, Banff, Alberta, Canada, 2009. <https://www.proceedings.com/content/019/019965webtoc.pdf>

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20. E. Dunca, Ciolea, Daniela Ionela - *Composting of the green waste also its use under the ecological reconstruction of waste dumps*. Conference on Recent Advances in Energy, Environment and Geology, Antalya, Proceedings of the 6th International Conference on Environmental and Geological Science and Engineering, ISSN: 2227-4359/ISBN: 978-960-474-338-4, pp. 101 – 106, **2013**, Ulrich's International Periodicals Directory, Scholar of Google, <http://www.wseas.us/e-library/conferences/2013/Antalya/NEGIC/NEGIC-14.pdf>
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- 5. Ciolea, Daniela Ionela**, Dunca E., Lazăr M. - *Research on sludge quality from the WWTP Dănuțoni*, Vol.1, 7th International Symposium on Occupational Health and Safety, <http://sesam2015.insemex.ro>, 30 Septembrie-2 Octombrie 2015, Poiana Brașov, România, pp. 109-115, ISSN 1843 – 6226, <https://easychair.org/conferences/submission.cgi?submission=2409333;a=9421774>
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- 7. Lazăr M., Faur F., Dunca E., Ciolea, Daniela Ionela** - *Establishing the optimal type of ecological restoration of degraded lands*. Vol.1, 7th International Symposium on Occupational Health and Safety, <http://sesam2015.insemex.ro>, 30 Septembrie-2 Octombrie 2015, Poiana Brașov, România, pp. 234-243, ISSN 1843 – 6226, <https://easychair.org/conferences/submission.cgi?a=9421774;submission=2410046>
- 8. Ciolea, Daniela Ionela** - *Experimental researches for reduction of the SO₂ during the Burning of pit coal from Jiu Valley*, Vol.1, 7th International Symposium on Occupational Health and Safety, <http://sesam2015.insemex.ro>, 30 Septembrie-2 Octombrie 2015, Poiana Brașov, România, pp. 100-108, ISSN 1843 - 6226 <https://easychair.org/conferences/submission.cgi?a=9421774;submission=2409325>
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E) LUCRĂRI CARE PUN ÎN EVIDENȚĂ ACTIVITATEA DIDACTICĂ:

- CURSURI UNIVERSITARE PUBLICATE;

1. Ciolea, Daniela Ionela - *Tehnologii și echipamente de depoluare a aerului - suport de curs* - ISBN 978-973-741-731-2, Editura Universitas, Petroșani, 2020, (A4/152 p.)

2. Ciolea, Daniela Ionela - *Evaluarea riscului de accidente - Directivele SEVESO - suport de curs*, ISBN 978-973-741-708-4, Editura Universitas, Petroșani, 2020, (A4/127 p.)

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5. Ciolea, Daniela Ionela - *Ecologia și protecția mediului* – Curs, 2014, publicat pe platforma Interconformity, <https://interconformityacademia.files.wordpress.com/2014/01/icf-ro-pmec-ecologie-si-protectia-mediului-curs.pdf>, (A4/76 p.)

6. Ciolea, Daniela Ionela - *Reducerea emisiilor și imisiilor atmosferice*- Curs, 2014, publicat pe platforma Interconformity, <http://interconformityacademia.com/cursuri-disponibile/protectia-mediului/reducerea-emisiilor-si-imisiilor-atmosferice>(A4/147 p.)

7. Ciolea, Daniela Ionela – *Poluarea și protecția mediului, Suport de curs în Lectora*, în sistem e-learning, prin Proiectul „Dezvoltarea resurselor umane din învățământul superior pentru utilizarea sistemului e-learning” POSDRU/87/1.3/S/64273, 2007-2013, Universitatea din Petroșani, 2011, (A4/54 p.).

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2. **Ciolea, Daniela Ionela** - *Ecologie și protecția mediului-Îndrumător de lucrări cu aplicații și exemple concrete*, ISBN 978-973-677-330-3, Editura Focus, Petroșani, 2018, (B5/171 p.)
3. **Ciolea, Daniela Ionela** - *Poluarea mediului - Îndrumător proiect*, Editura Universitas, ISBN 978-973-741-306-2, Petroșani, 2012 (A4/64 p.)
4. **Ciolea, Daniela Ionela**, Dumitrescu I. - *Poluarea și protecția mediului- Îndrumător de laborator și lucrări practice*, Editura Universitas, ISBN 978-973-741-253-9, Petroșani, 2011 (A4/126 p.)
5. **Ciolea, Daniela Ionela**, Dunca E. - *Îndrumător de laborator-Biologie*. Editura Universitas Petroșani. ISBN: 978-973-741-241-6, Petroșani 2011. (A4/63 p.)

- ALTE MATERIALE DIDACTICE REALIZATE.

1. **Ciolea, Daniela Ionela** - *Suport de curs-Didactica disciplinei - Poluarea mediului*, Beneficiar: Ministerul Educației Naționale prin Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013. Axa prioritară 1: „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere” Domeniul major de intervenție: 1.3 „Dezvoltarea resurselor umane din educație și formare”. Titlul proiectului: „Calitate, inovare, comunicare în sistemul de formare continuă a didacticienilor din învățământul superior” *Investește în oameni!* Cod Contract: POSDRU/87/1.3/S/63709, București, 2013, (A4/78 p.).

F) LUCRĂRI CARE PUN ÎN EVIDENȚĂ ACTIVITATEA DE CERCETARE:

- PROIECTE DE CERCETARE PE BAZĂ DE CONTRACTE/GRANTURI INTERNAȚIONALE:

1. **Ciolea, Daniela Ionela - Membru în echipă** - Expert elaborare material didactic A4 - Proiect POCU 320/6/21-122596 *Educația, o șansă pentru Valea Jiului*, COR 242403, 01.06.2019-30.11.2019 cf. CIM 291/31.05.2019, <https://www.upet.ro/proiecte/122596/>
<https://www.upet.ro/proiecte/122596/2019/anunt%20rezultate%20selectie%20POCU%20122596%2020%20mai.pdf> Proiectul este cofinanțat din Fondul Social European, Programul Operațional Capital Uman 2014-2020, Axa prioritară 6, Educație și competențe, Director Proiect Prof.univ.dr.ec.dr.ing.habil. Eduard Edelhauser, Valoare totală 4.125.166,55 lei.
2. **Ciolea, Daniela Ionela - Membru în echipă** - RFCR-CT - 2015-00003 – **Horizon 2020** – RFCS 2015-2017 - *Bucket wheel excavators operating under difficult mining conditions including unmineable inclusions and geological structures with excessive mining resistance (BEWEXMIN)*, Director Proiect Prof.univ.dr.ing.habil. Lazăr Maria, Valoare totală: 473158 Euro https://ec.europa.eu/research/industrial_technologies/pdf/rfcs/synopsis_projects_2015.pdf

- PROIECTE DE CERCETARE PE BAZĂ DE CONTRACTE/GRANTURI NAȚIONALE:

1. **Ciolea, Daniela Ionela - Director proiect:** CSU nr. 6445/2021 - *Cercetare științifică universitară privind ecologia și protecția mediului în economia circulară*,

<https://www.upet.ro/proiecte/CSU-ECO-UPET/>

2. Ciolea, Daniela Ionela - Director proiect: CEEEX- MD 5936/2006 - Studiu reducerii noxelor atmosferice degajate prin arderea combustibililor solizi în centralele electrotermice, cu aplicație la C.E.T. Paroșeni,

http://www.mct-excelenta.ro/fileadmin/mct/Rezultate/modulul_2/MD/MD_REZ_FINALE_26_IULIE.htm

3. Ciolea, Daniela Ionela - Membru în echipă - Grant nr.101/SGU/CI/II/17.12.2018 - Proiectul privind Învățământul Secundar (ROSE) Schema de Granturi SGCUI-CI Beneficiar: Universitatea din Petroșani, Titlul subproiectului: *Centrul Remedial Educațional al Studenților Capacități ai Universității din Petroșani*, C.R.E.S.C. – UPET, Perioada: 2018-2021, Director de grant, Conf.univ.dr.habil. Felicia Andrioni <https://prezi.com/view/oeBZkKNpgIS0I28bAdwJ/>, Valoarea grantului: 841 834,206 lei.

4. Ciolea, Daniela Ionela - Membru în echipă Grant de cercetare CNCSIS tip AT, cod CNCSIS 159, Sistem regional integrat de monitorizare, evaluare și prognoza a stării mediului ambiental bazat pe indicatori agregați de mediu cu tehnici de soft-computing, Director de grant - conf.univ.dr.ing.habil. Tulbure Ildiko Camelia, Universitatea din Petroșani, 2005-2006, https://uefiscdi.ro/UserFiles/File/Competitii%20derulate/REZULTATE_AT_2005_NOI.pdf
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- CONTRACTE DE CERCETARE DERULATE CU AGENȚII ECONOMICI:

1. Ciolea, Daniela Ionela - Responsabil temă - Contract nr. DLGC 2710 / 22.10.2018 (Contabilitate 1187), Expertiză Tehnică Judiciară - Geologie și Protecția Mediului în Dosarul nr. 3467/318/2018 ca Expert Parte pentru Pârâta CE OLTENIA. Valoare 44 000 lei.

2. Ciolea, Daniela Ionela - membru în echipă – Contract de cercetare (2013-2018) - Monitorizare post-închiderea a factorilor mediu pentru: Mina Petrila 3, Mina Livezeni Sud, Mina Vulcan 2, Mina Câmpu lui Neag, Mina Priboi, Mina Mesteacăn Vest, Mina Dâlja. S.C. CONVERSMIN S.A. București, Valoare 67 111.37 lei

3. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 7906/16.04.2019 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Peșteana Nord* - Dosarul nr. 14666/3/2017*, București. Valoare 9 500 lei.

4. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 1/2018 - expertiză tehnică extrajudiciara în Ecologie și protecția mediului la Zimandu Nou, jud. Arad. Tema- *Studii privind influența utilizării pesticidelor în agricultura asupra zonelor limitrofe*. Valoare 10 000 lei

5. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 9195/04.04.2018 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Pinoasa* - Dosarul nr. 8087/3/2017, București. Valoare 9 500 lei.

6. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 799/12.03.2018 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Roșița* - Dosarul nr. 14675/3/2017, București. Valoare 9 500 lei.

7. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 5335/26.02.2018 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Roșia* - Dosarul nr. 8089/3/2017, București. Valoare 9 500 lei.

8. Ciolea, Daniela Ionela - Contract de prestări servicii nr. DLGC 886/06.02.2020 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Termocentrala Rovinari* - Dosarul nr. 16084/3/2019, CA București. Valoare 10 000 lei.

9. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 474/CEO//25.02.2021 - expertiză tehnică judiciară în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Peșteana Nord* - Dosarul nr. 14666/3/2017*, București. Valoare 9 500 lei.

10. Ciolea, Daniela Ionela - Contract de prestări servicii nr. /31.03.2021 - expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Roșița* - Dosarul nr. 14675/3/2017, București. Valoare 9 500 lei.

11. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 4814/01.07.2021 - expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Lupoaia* - Dosarul nr. 14698/3/2017*, CA București. Valoare 12 000 lei.

12. Ciolea, Daniela Ionela - Contract de prestări servicii nr. 1027/CEO/06.06.2022 - expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. Dosarul nr. 3246/263/2019, Tribunalul Gorj. Valoare 7500 lei.

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Semnătura.....

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