

**UNIVERSITATEA DIN PETROȘANI**  
**Facultatea de Mine**  
**Departamentul de Ingineria Mediului și Geologie**  
**Examen pentru ocuparea postului de Conferentiar, poz. 12**  
Disciplinele:

[Utilizarea spațiilor subterane](#)

[Ecologie și protecția mediului](#)

[Protecția mediului](#)

Domeniul: **ȘTIINȚE INGINEREȘTI**

Avizul nr. 29041/03.04.2019 din partea Ministerului Educației Naționale

## **LISTA DE LUCRĂRI**

**Candidat:** **CIOLEA I. Daniela Ionela**, Dr.ing. din **2008** - **MINE, PETROL ȘI GAZE** și  
Dr.ing. din **2016** - **INGINERIA MEDIULUI** /  
Șef lucr.dr.ing. din **2013**

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

- 1. 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), **EBSCO, BDI**
- 2. Ciolea, Daniela Ionela, E.C. Dunca** - *Research and proposals to use sludge on waste dumps Lupeni, Romania*. 17<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM **2017**, [www.sgem.org](http://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*, 17<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2017, [www.sgem.org](http://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://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** By: Lazar, Maria; Faur, Florin G.; Dunca, Emilia; **Ciolea, Daniela Ionela** **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**. Volume: 16, Issue: 6, Pages: 1301-1308, Published: JUN **2017** [Free Full Text from Publisher](#) Times Cited: 0 (from Web of Science Core Collection) **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. 16<sup>th</sup> 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](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 By: **Ciolea, Daniela Ionela**; Rusu, Tiberiu; Dunca, Emilia; et al. Conference: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016) Location: Albena, BULGARIA Date: JUN 30-JUL 06, 2016 Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, Pages: 585-592, Published: **2016** Times Cited: 0 (from Web of Science Core Collection) *ISI Proceedings*
6. E. Dunca, **Ciolea, Daniela Ionela**, Maria Lazar, 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, 231-236pp. DOI: 10.5593/SGEM2015/B51/S20.030  
<http://www.sgem.org/sgemlib/spip.php?article6281&lang=en> ECOSYSTEM RESTORATION MINING WASTE DUMPS IN ROMANIA By: Dunca, Emilia; **Ciolea, Daniela-Ionela**; Lazar, Maria; et al. Conference: 15th International Multidisciplinary Scientific Geoconference (SGEM) Location: Albena, BULGARIA Date: JUN 18-24, 2015 Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Maldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL I Book Series: International Multidisciplinary Scientific GeoConference-SGEM Pages: 231-236 Published: **2015** Times Cited: 0 (from Web of Science Core Collection) *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), pp. 689-694 pp, [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 By: Dunca, Emilia; **Ciolea, Daniela-Ionela**; Matei, Aronel; Conference: 14<sup>th</sup> International Multidisciplinary Scientific Geoconference (SGEM) Location: Albena, BULGARIA Date: JUN 17-26, 2014 Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad

Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL I Book Series: International Multidisciplinary Scientific GeoConference-SGEM Pages: 689-694 Published: 2014 Times Cited: 0 (from Web of Science Core Collection) *ISI Proceedings*

8. **Ciolea, Daniela Ionela**, E. Dunca, M. Lazar, F. Faur - *Experimental Studies Of Combined Techniques For Decreasing The Emission Of Sulfur And Nitrogen Oxides Following Coal Combustion*. 13<sup>th</sup> SGEM GeoConference on Energy And Clean Technologies, SGEM2013 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](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 By: **Ciolea, Daniela**; Dunca, Emilia; Lazar, Maria; et al. Conference: 13<sup>th</sup> International Multidisciplinary Scientific Geoconference, SGEM 2013 Location: Albena, BULGARIA Date: JUN 16-22, 2013 GEOCONFERENCE ON ENERGY AND CLEAN TECHNOLOGIES Book Series: International Multidisciplinary Scientific GeoConference-SGEM Pages: 111-117, Published: 2013, Times Cited: 0 (from Web of Science Core Collection), *ISI Proceedings*
9. Cîrțînă, D.; **Ciolea, Daniela Ionela** - *Considerations regarding the protection and prevention pollution of water*, Conference: 18<sup>th</sup> 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, Times Cited: 0 (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 17<sup>th</sup> *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. *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**.
2. *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.

## 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, (B5/235p.)
4. **Ciolea, Daniela Ionela** - *Depoluarea aerului*, Editura Universitas, ISBN 978-973-741-269-0, **Petroșani**, 2012 (B5/178 pp.)

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

1. 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** By: Lazar, Maria; Faur, Florin G.; Dunca, Emilia; **Ciolea, Daniela Ionela** **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL** . Volume: 16, Issue: 6. pp. 1301-1308. Published: JUN 2017 [Free Full Text from Publisher](#) Times Cited: 0 (from Web of Science Core Collection).
2. 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.
3. **Ciolea, Daniela Ionela** - *Studies on the impact of activities to desilting the Mures river - Felnac area*, Annals of the University of Petrosani-Mining Engineering, vol.16 (XXXIV), pp. 145-150, Editura Universitas, 2015, <http://www.upet.ro/annals/mining/pdf/Annals%20UPET%20-%20MINING%20ENGINEERING%202015.pdf> UNIVERSITAS Publishing House, (revistă categoria B+, cod CNCSIS 22; inclusă în BDI MK PERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. - SUA și în catalogul internațional SUWECO - Cehia; ISSN 1454-9174; SCIOPIO) B+. [http://www.ulrichsweb.com/ulrichsweb/ulrichsweb\\_news/ulrichslb3u.asp](http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/ulrichslb3u.asp)
4. **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> UNIVERSITAS Publishing House, (revistă categoria B+, cod CNCSIS 22; inclusă în BDI MK

PERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. - SUA și în catalogul internațional SUWECO - Cehia; ISSN 1454-9174; SCPIO) B+.  
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**5. 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>.

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**6. Ciolea, Daniela Ionela** - *Studies on the quality of the sludge and measures to reduction th e negative impact*, Annals of the University of Petrosani-Mining Engineering, vol.16 ((XXXIV), pp. 151-158, Editura Universitas, 2015.  
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**7. 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>

**8. Dunca E., Ciolea, Daniela Ionela, Matei A., Moldovan C.** - *Study on evaluating the soil pollution from the factory "REFRACERAM" Baru Mare*, 19<sup>th</sup> 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](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](http://homen.vsb.cz/hgf/546/PDF/EaMP_2015%20Eng.pdf)

**9. 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)

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**10. 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)

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**11. 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)

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**12. Ciolea, Daniela Ionela** – *Research on the obtaining and disposal sludge in the Jiu Valley*, Mining Engineering, vol. 14 (XXXXI), CNCSIS - revistă categoria BDI, pp. 255-260, 2013 <http://www.upet.ro/annals/mining/pdf/Anale%20mining%202013%20v2.pdf> UNIVERSITAS Publishing House, (revistă categoria B+, cod CNCSIS 22; inclusă în BDI MK PERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. - SUA și în catalogul internațional SUWECO - Cehia; ISSN 1454-9174; SCPIO) B+. [http://www.ulrichsweb.com/ulrichsweb/ulrichsweb\\_news/ulrichslb3u.asp](http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/ulrichslb3u.asp)

**13. 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> UNIVERSITAS Publishing House, (revistă categoria B+, cod CNCSIS 22; inclusă în BDI MK PERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. - SUA și în catalogul internațional SUWECO - Cehia; ISSN 1454-9174; SCPIO) B+. [http://www.ulrichsweb.com/ulrichsweb/ulrichsweb\\_news/ulrichslb3u.asp](http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/ulrichslb3u.asp)

**14. 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](#) 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 [Free Full Text from Publisher](#) Times Cited: 5 (from Web of Science Core Collection)

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**2. Ciolea, Daniela Ionela** - *Aspecte privind minimizarea producerii de oxizi de sulf la arderea cărbunilor*, a XVI-a Conferința de Termotehnică cu participare internațională, 31 mai - 1 iunie Ploiești, pp.53-60, ISSN 1843-1992, Editura Universității Petrol-Gaze din Ploiești, 2007, Cod CNCSIS 87, <https://www.upg-ploiesti.ro/ro/buletinejurnale-stiintifice>

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#### - ARTICOLE PUBLICATE ÎN REVISTE DIN ȚARĂ, NERECUNOSCUTE DE CNCS:-

**- LUCRĂRI/STUDII PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE (CONFERINȚE, SIMPOZIOANE ETC.) INTERNAȚIONALE INDEXATE ÎN BAZA DE DATE ISI (CU ISSN SAU ISBN):**

- 1.** Dunca E., Olariu T., Rusu T., **Ciolea, Daniela Ionela**, Rusu T., A. – *Studies and research on environmental pollution surveillance techniques and methods in minerals closed by GSM sensors*, 18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2018, [www.sgem.org](http://www.sgem.org), SGEM2018 Conference Proceedings, ISBN 978-619-7408-46-1 / ISSN 1314-2704, 2- 8 July, **2018**, Vol. 18, Issue 51, 827-834 pp, DOI: 10.5593/sgem2018/5.1, p 845-852, [https://www.sgem.org/documents/programme/Publish\\_Programme\\_PUBLISH.pdf](https://www.sgem.org/documents/programme/Publish_Programme_PUBLISH.pdf)  
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<http://toc.proceedings.com/41787webtoc.pdf>, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=1348>,
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<https://sgemworld.at/sgemlib/spip.php?article10784>.
- 5.** **Ciolea, Daniela Ionela** - *Researches and proposals on the eco-recovery by combined methods of the sludge resulted in urban wastewater treatment*, 17<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2017, [www.sgem.org](http://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.  
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**11. 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**, Book5 Vol. 1, 585-592 pp. 16<sup>th</sup> SGEM GeoConference on Ecology and Environmental Protection, DOI: 10.5593/SGEM2016/B51/S20.078.

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RESEARCH ON THE OBTAINING OF ENERGY IN THE SEWAGE SLUDGE AND EXPLOITING THE RESIDUE TO THE STERILE DEPOSIT By: **Ciolea, Daniela Ionela**; Rusu, Tiberiu; Dunca, Emilia; et al. Conference: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016) Location: Albena, BULGARIA Date: JUN 30-JUL 06, 2016 Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, pp. 585-592, Published: 2016, Times Cited: 0 (from Web of Science Core Collection).

**12.** Dunca E., **Ciolea, Daniela Ionela**., Lazăr M., Dumitrescu I.- *Risk assessment for different processes of soil degradation in the mining sites - case study mine Lupeni and Petrila*, Volume I, ISBN 978-619-7105-65-0/ISSN 1314-2704, **2016**, Book5 Vol. 1, 599-606 pp, 16<sup>th</sup> SGEM GeoConference on Ecology and Environmental Protection, DOI: 10.5593/SGEM2016/B51/S20.080,

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Lazar, Maria; et al. Conference: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016) Location: Albena, BULGARIA Date: JUN 30-JUL 06, 2016 Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS,

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- 20. Ciolea, Daniela Ionela**, Bociat M.A.- *Cercetări privind dinamica particulelor solide și gaze emise de C.E.T. Paroșeni în atmosferă*, Conferința națională de Termotehnică cu participare internațională, Ediția a XV-a, ISBN 973-742-089-6, 26-28 mai 2005, Craiova, 2005
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- 24. Ciolea, Daniela Ionela** - *Considerații privind noxele emise în atmosferă, cu exemplificare la C.E.T. Paroșeni*, Conferința cu participare internațională „Gorjeanul în mileniul trei”, Universitatea Constantin Brâncuși, Tg. Jiu, 18-19 noiembrie, 2005, ISBN 973-7675-02-09.
- 25. Ciolea, Daniela Ionela**, Bociat M.A. - *Monitorizarea și evaluarea calității aerului pentru zona Colonie din municipiul Petroșani*, Simpozionul Științific Internațional Multidisciplinar „Universitaria ROPET 2004”, 15-16 octombrie 2004, pp. 150-155, ISBN 973-8260-69-8, Editura Universitas, Petroșani, 2004

**- LUCRĂRI/STUDII PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE (SESIUNI DE COMUNICĂRI, CONFERINȚE ETC.) NAȚIONALE RECUNOSCUTE (CU ISSN SAU ISBN), LUCRĂRI PREZENTATE LA DIFERITE SEMINARI/EXPOZIȚII ȘI NEPUBLICATE: -**

**E) LUCRĂRI CARE PUN ÎN EVIDENȚĂ ACTIVITATEA DIDACTICĂ:**

**- CURSURI UNIVERSITARE PUBLICATE;**

- 1. Ciolea, Daniela Ionela** - *Ecologie și protecția mediului-suport de curs*, ISBN 978-973-677-331-0, Editura Focus, Petroșani, 2018, (B5/168 p)

2. Georgescu M., **Ciolea, Daniela Ionela** - *Utilizarea spațiilor subterane*, ISBN 978-973-741-544-8, Editura Universitas, Petroșani, 2017, (B5/249 p)
3. **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.)
4. **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.)
5. **Ciolea, Daniela Ionela** – *Poluarea și protecția mediului, Suport de curs în Lectora*, in 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.).

#### **- ÎNDRUMĂTOARE PUBLICATE:**

1. **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, (B5/171p.)
2. **Ciolea, Daniela Ionela** – *Poluarea mediului - Îndrumător proiect*, Editura Universitas, ISBN 978-973-741-306-2, Petroșani, 2012 (A4/64 p.)
3. **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.)
4. **Ciolea, Daniela Ionela**, Dunca E. - *Îndrumător de laborator-Biologie*. Editura UNIVERSITAS Petrosani. 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** - 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)*, Valoare totală: 473158 Euro  
[https://ec.europa.eu/research/industrial\\_technologies/pdf/rfcs/synopsis\\_projects\\_2015.pdf](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** - **Responsabil** CC. 1/ 11.08.2014-2015 - *Studii de evaluare a impactului antropic în cadrul proiectului SMIS-CSNR 36113*. Valoare: **16283,5 lei** prin Primul Meridian SRL Slatina din Proiectul *Studiu pentru elaborarea măsurilor de management. „Managementul conservativ și participativ în siturile NATURA 2000 Cheile Turzii și Turenilor”*, <http://rezervatiacheileturzii.ro/implementare-proiect/>  
<http://rezervatiacheileturzii.ro/uploads/files/Masuri-de-management-Cheile-Turzii.pdf>, **POS Mediu 2007 – 2013**, Axa Prioritară 4 „Implementarea sistemelor adecvate de management pentru protecția naturii” domeniul major de intervenție – Dezvoltarea infrastructurii și planurilor de management pentru protejarea biodiversității și rețelei Natura 2000. Valoare totală de.101.936,41 lei. (30 luni).

**2. Ciolea, Daniela Ionela** - **Director proiect: CEEX- MD 5936/2006**, (*Studiul 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](http://www.mct-excelenta.ro/fileadmin/mct/Rezultate/modulul_2/MD/MD_REZ_FINALE_26_IULIE.htm)

### - CONTRACTE DE CERCETARE DERULATE CU AGENȚII ECONOMICI:

**1. Ciolea, Daniela Ionela** - **Responsabil tema** - *Contact nr. DLGC 2710 / 22.10.2018 (Contabilitate 1187)*, Valoare 44 000 lei. *Expertiza Tehnica Judiciara - Geologie si Protectia Mediului in Dosarul Nr. 3467/318/2018 ca Expert Parte Pentru Parata CE OLTENIA*

**2. Ciolea, Daniela Ionela** - **membru în echipă** – Contract de cercetare - *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 - (67111,37 lei) - 2013-2018

**3. Ciolea, Daniela Ionela** - Contract de prestări servicii nr. 7906/16.04.2019 - expertiză tehnică

judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Pesteana Nord* - Dosarul nr. 14666/3/2017\* București. Valoare 9500 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 10000 lei

**5. Ciolea, Daniela Ionela** - Contract de prestări servicii nr. 9195/04.04.2018 - expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Pinoasa* - Dosarul nr. 8087/3/2017 București. Valoare 9500 lei.

**6. Ciolea, Daniela Ionela** - Contract de prestări servicii nr. 799/12.03.2018 - expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Roșiuta* - Dosarul nr. 14675/3/2017 București. Valoare 9500 lei.

**7. Ciolea, Daniela Ionela** - Contract de prestări servicii nr. 5335/26.02.2018– expertiză tehnică judiciara în Ecologie și protecția mediului la Societatea Complexului Energetic Oltenia. *Cariera Roșia* - Dosarul nr. 8089/3/2017 București. Valoare 9500 lei.

#### **- ALTE LUCRĂRI DE CERCETARE:**

**1. Ciolea, Daniela Ionela - Director proiect** - Contract de cercetare nr.3/2009, RO-B.EN.A. - TITAN S.A. - „Soluții de reducere a dioxidului de sulf de la termocentrala Paroșeni – Valea Jiului”, București, 2009.

**2. Ciolea, Daniela Ionela - Director proiect** - Contract de cercetare nr.5/2004, RO-B.EN.A – TUBORG. *Dezvoltarea si verificarea unui model matematic integrat pentru analiza emisiei si dispersiei poluanților în atmosferă*”, București, 2004.

**Data: 08.05.2019**

Semnătura.....

**Candidat,**

**Șef lucr.dr.ing. CIOLEA I. Daniela Ionela**