

UNIVERSITATEA DIN PETROȘANI

Facultatea de Mine

Departamentul: Inginerie minieră, topografie și construcții

Candidatură pentru abilitare

Domeniul: Mine, Petrol și Gaze

Comisia CNATDCU: Inginerie Geologică, Inginerie Geodezică, Mine, Petrol și Gaze

Candidat: Goldan Tudor

## LISTA DE LUCRĂRI

### 1<sup>0</sup> LUCRĂRI RELEVANTE PENTRU REALIZĂRILE PROFESIONALE PROPRII

1. **Goldan, T.**, Nistor, M.C., Badulescu, C., Marchis, D., *Impacts on mining activities on surface deformation*, 18th International Multidisciplinary Scientific GeoConference SGEM 2018, SGEM2018 Conference Proceedings, Bulgaria, ISBN 978-619-7408-37-9/ISSN 1314-2704, July 2-8, 2018, Book 1.3 Vol. 18, pg. 489-496, DOI: [10.5593/sgem2018/1.3/S03.063](https://doi.org/10.5593/sgem2018/1.3/S03.063), <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=292>

2. **Goldan, T.**, Nistor, C.M., *Considerations regarding the risk of land degradation induced by mining operations in coal open pits*, 13th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining, SGEM2013 Conference Proceedings, ISBN 978-954-91818-7-6 / ISSN 1314-2704, June 16-22, 2013, Vol. 1, pg. 357-362, <http://sgem.org/sgemlib/spip.php?article2609>, DOI: [10.5593/SGEM2013/BA1.V1/S03.017](https://doi.org/10.5593/SGEM2013/BA1.V1/S03.017), [http://apps.webofknowledge.com.am.e-nformation.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=75&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=6](http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=75&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=6)

3. **Goldan, T.**, Nistor, C.M., *Approaching environmental issues in salt mining by dissolution*, 14th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining SGEM 2014 Conference Proceedings, 17-26 June, Albena, Bulgaria, ISBN 978-619-7105-09-64/ ISSN 1314-2704, June 17-26, 2014, Vol. III "Exploration and Mining-Mineral processing", pg. 41-47, <http://sgem.org/sgemlib/spip.php?article3871>, DOI: [10.5593/SGEM2014/B13/S3.007](https://doi.org/10.5593/SGEM2014/B13/S3.007), [http://apps.webofknowledge.com.am.e-nformation.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=84&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=4](http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=84&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=4)

4. **Goldan, T.**, Nistor, M.C., Danciu, C., Faur F., *Reconfiguration of lignite deposits in open pits from Oltenia in order to improve coal supply*, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, SGEM2015 Conference Proceedings, Bulgaria, ISBN 978-619-7105-33-9/ISSN 1314-2704, June 18-24, 2015, Book 1, Vol. III, pg. 537-542, <http://sgem.org/sgemlib/spip.php?article5517>, DOI: [10.5593/SGEM2015/B13/S3.070](https://doi.org/10.5593/SGEM2015/B13/S3.070), <http://apps.webofknowledge.com.am.e->

[information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=92&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=2](http://information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=92&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=2)

**5. Goldan, T.,** Moraru, R., Danciu, C., Nistor, C.M., *Landscape restoration of areas affected by coal processing activities in western Jiu Valley*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, Vol. I, Pg. 639-643, ISSN 1314-2704, <http://sgem.org/sgemlib/spip.php?article1885&lang=en>, DOI: 10.5593/sgem2012/s03.v1031, [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=63&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=63&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8)

**6. Goldan, T.,** *Environmental impact of mining activities: a national level inventory*, Proceedings of the 5th International Conference on Manufacturing Science and Education, vol. II, pag. 429-432, Sibiu, Romania, 02-05.06.2011 (D.M. Dușe, P.D. Brîndașu, L.D. Beju (eds.)), Editura Universității „Lucian Blaga” din Sibiu, ISSN 1843-2522), <http://conferences.ulbsibiu.ro/mse/materiale/Conference%20Program%20MSE%202011.pdf> [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=5&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=5&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8)

**7. Goldan, T.,** Grama, V., Danciu, C., *Excavation stability examination through advanced modelling*, Annals of the University of Petroșani – Mining Engineering, vol. 11 (XXXVII), UNIVERSITAS Publishing House, Petroșani, pg.22-27, 2010, ISSN 1454-9174, [http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20\(XXXVIII\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20(XXXVIII).pdf)

**8. Goldan, T.,** Bușe, F., Nistor, C.M., *Atmosphere and soil pollution sources in mono-industrial areas and their environmental impact*, Research Journal of Agricultural Science, ISSN 2066-1843, vol.42(3)1-908(2010), pg.573-578. [http://www.rjas.ro/download/paper\\_version.paper\\_file.a4df2910eea7fd48.3433332e706466.pdf](http://www.rjas.ro/download/paper_version.paper_file.a4df2910eea7fd48.3433332e706466.pdf)

**9. Goldan, T.,** Moraru, R., Arad, V., Băbuț, G., *Mono-industrial mining regions – pollution sources of atmosphere and soil*, 12<sup>th</sup> Conference on Environment and Mineral Processing, Part I., 5-7.06.2008, VSB-TU Ostrava, p.155-160, ISBN 978-80-248-1775-0, [http://homen.vsb.cz/hgf/546/Konference%20zaloha%2019\\_3\\_2012/konference%202008%20program%20CZ.pdf](http://homen.vsb.cz/hgf/546/Konference%20zaloha%2019_3_2012/konference%202008%20program%20CZ.pdf)

**10. Goldan, T.,** Danciu, C., Nistor, C.M., *The use of underground spaces in Romanian salt mines*, Proceedings of International Mining Congress, Tehran, Iran, 2005.

## **2<sup>o</sup> TEZA DE DOCTORAT**

**T1.** *Optimizarea parametrilor metodelor de exploatare a stratelor groase cu înclinare mare în vederea reducerii pericolului de autoaprindere a cărbunelui.*

### **3<sup>o</sup> CĂRȚI ȘI CAPITOLE DIN CĂRȚI PUBLICATE**

#### **C – CĂRȚI/CURSURI (MANUALE) ȘI CĂRȚI DE SPECIALITATE PUBLICATE ÎN EDITURI RECUNOSCUTE**

**C1. Goldan, T.,** Grama, V., Cucuș, V., *Tehnici și tehnologii miniere*, Editura Tehnica-Info, Chișinău, ISBN 978-9975-63-051-1, 303 pg., 2007.

**C2. Arad, V., Goldan, T.,** *Geomecanică și tehnologii miniere*, Editura Focus, Petroșani, ISBN 978-973-677-142-2, 354 pg, 2009.

**C3. Goldan, T.,** Cozma, E, Vătăjelu, S, *Proiectarea minelor*, Editura Focus, Petroșani, vol.II, ISBN 973-677-035-4, 355 pg., 2005.

**C4. Bușe, F., Goldan, T. ș.a.,** *Tehnologia informației în domeniul managerial*, Editura Dacia, Cluj-Napoca, ISBN 973-35-1390-3, 390 pg., 2002.

**C5. Bușe, F., Goldan, T.,** *Ingineria sistemelor de producție*, Editura Focus, Petroșani, ISBN 973-8367-54-9, 209 pg, 2002.

**C6. Moraru, R., Băbuț, G., Goldan, T., Băbuț, S.,** *Evaluarea riscului ecologic*, ISBN 973-98552-9-6, 272 pg, 2000.

**C7. Goldan, T.,** *Monitorizarea securității și sănătății în muncă*, Editura Focus, Petroșani, ISBN 973-677-049-4, 98 pg, 2006.

**C8. Cozma, E., Goldan, T.,** *Proiectarea minelor*, Editura Focus, Petroșani, vol.I, ISBN 973-677-035-4, 355 pg., 2003.

**C9. Goldan, T.,** *Tehnică minieră*, Editura Focus, Petroșani, ISBN 973-8367-94-8, 167 pag., 2002

#### **I – CULEGERI ȘI ÎNDRUMARE PUBLICATE (ÎN EDITURI CU ISBN)**

**I1. Goldan, T.,** Bușe G.F., *Optimizarea metodelor și tehnologiilor miniere. Îndrumar de laborator*, Editura Universitas, Petroșani, ISBN 978-973-741-481-6, 176 pg, 2016.

**I2. Onica, I., Goldan, T.,** Mihăilescu, V., *Exploatarea miniere subterane – ghid pentru proiectul de diplomă*, Editura Universitas, ISBN 978-973-741-472-4, 2016, 60 pg.

**4<sup>o</sup> ARTICOLE ÎN EXTENSO PUBLICATE<sup>1</sup>****Risi - Reviste de specialitate de circulație internațională recunoscute (cotate ISI) și volume conferințe indexate ISI.**

**Risi1. Goldan, T.,** Nistor, M.C., Danciu, C., Faur F., *Reconfiguration of lignite deposits in open pits from Oltenia in order to improve coal supply*, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, SGEM2015 Conference Proceedings, Bulgaria, ISBN 978-619-7105-33-9/ISSN 1314-2704, june 18-24, 2015, Book 1, Vol. III, pg. 537-542, <http://sgem.org/sgemlib/spip.php?article5517>,

DOI: 10.5593/SGEM2015/B13/S3.070, [http://apps.webofknowledge.com.am.e-nformation.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=92&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=2](http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=92&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=2)

**Risi2. Nistor, M.C., Goldan, T.,** Danciu, C., Faur F., Nistor, C.D., *An empirical approach to predict the geomechanical parameters of granites. Case study*, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, SGEM2015 Conference Proceedings, Vol. III, Book 1, ISBN 978-619-7105-33-9/ISSN 1314-2704, pg. 27-32, <http://www.sgem.org/sgemlib/spip.php?article5450>, DOI: 10.5593/SGEM2015/B13/S3.004, [http://apps.webofknowledge.com.am.e-nformation.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=96&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=1](http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=96&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=1)

**Risi3. Danciu, C., Goldan, T.,** Nistor, M.C., Faur F., Costa, C., *The influence of intrinsic factors on the mechanical characteristics of andesites from Southern Apuseni mountains*, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, SGEM2015 Conference Proceedings, Vol. III, Book 1, ISBN 978-619-7105-33-9/ISSN 1314-2704, pg. 683-690, <http://www.sgem.org/sgemlib/spip.php?article5536>, DOI: 10.5593/SGEM2015/B13/S3.089, [http://apps.webofknowledge.com.am.e-nformation.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=88&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=3](http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=88&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=3)

**Risi4. Goldan, T.,** Nistor, C.M., *Approaching environmental issues in salt mining by dissolution*, 14th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining SGEM 2014 Conference Proceedings, 17-26 June, Albena, Bulgaria, ISBN 978-619-7105-09-64/ISSN 1314-2704, June 17-26, 2014, Vol. III "Exploration and Mining-Mineral processing", pg. 41-47, <http://sgem.org/sgemlib/spip.php?article3871>, DOI: 10.5593/SGEM2014/B13/S3.007,

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<sup>1</sup> Risi - Reviste de specialitate de circulație internațională recunoscute (cotate ISI sau indexate in baze de date internaționale specifice domeniului)

Rsi – Alte reviste de specialitate de circulație internațională (BDI)

Rns - Reviste de specialitate de circulație națională recunoscute de CNCSIS / CNCS

Rno - Alte reviste de specialitate de circulație națională

Vi- Volumele unor manifestări științifice internaționale recunoscute (cu ISSN sau ISBN), din țară și străinătate, inclusiv cotate ISI sau indexate în baze de date internaționale

Vn- Volumele unor manifestări științifice naționale

[http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=84&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=4](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=84&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=4)

**Risi5. Goldan, T.,** Moraru, R.I., Nistor, C.M., *Assessing the stability safety factor in Oltenia lignite opencast mining*, 14th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining SGEM 2014 Conference Proceedings, 17-26 June, Albena, Bulgaria , ISBN 978-619-7105-09-64/ ISSN 1314-2704, June 17-26, 2014, Vol. III “Exploration and Mining-Mineral processing”, pg. 49-54, <http://sgem.org/sgemlib/spip.php?article3871>, DOI: 10.5593/SGEM2014/B13/S3.007, [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=80&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=5](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=80&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=5)

**Risi6. Goldan, T.,** Nistor, C.M., *Considerations regarding the risk of land degradation induced by mining operations in coal open pits*, 13th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining, SGEM2013 Conference Proceedings, ISBN 978-954-91818-7-6 / ISSN 1314-2704, June 16-22, 2013, Vol. 1, pg. 357-362, <http://sgem.org/sgemlib/spip.php?article2609>, DOI: 10.5593/SGEM2013/BA1.V1/S03.017, [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=75&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=6](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=75&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=6)

**Risi7. Goldan, T.,** Moraru, R.I., Nistor, C.M., *Ways to improve coal extraction operations in lignite open pits within Oltenia basin*, 13th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining, SGEM 2013 Conference Proceedings, ISBN 978-954-91818-7-6 / ISSN 1314-2704, June 16-22, 2013, Vol. I, pg. 831-836, <http://sgem.org/sgemlib/spip.php?article2673>, DOI: 10.5593/SGEM2013/BA1.V1/S03.081, [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=71&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=7](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=71&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=7)

**Risi8. Goldan, T.,** *Informational systems: foundation of decision-making processes in the modern management context*, Proceedings of the 19<sup>th</sup> International Conference „The Knowledge-Based Organization”, „Nicolae Bălcescu” Land Forces Academy Publishing House, Vol. 2: Economic, Social and Administrative Approaches to the Knowledge Based Organization, pg. 317 - 321, 13-15 June 2013, Sibiu, Romania, ISSN 1843-6722, [http://conference.armyacademy.ro/program\\_KBO\\_2013.pdf](http://conference.armyacademy.ro/program_KBO_2013.pdf)

**Risi9. Goldan, T.,** Moraru, R., Danciu, C., Nistor, C.M., *Landscape restoration of areas affected by coal processing activities in western Jiu Valley*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, Vol. I, Pg. 639-643, ISSN 1314-2704, <http://sgem.org/sgemlib/spip.php?article1885&lang=en>, DOI: 10.5593/sgem2012/s03.v1031, [http://apps.webofknowledge.com.am.e-information.ro/full\\_record.do?product=WOS&search\\_mode=AuthorFinder&qid=63&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8](http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=63&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8)

**Risi10. Goldan, T.,** Moraru, R., Danciu, C., Nistor, C.M., *The role of information in the mine manager's decision making*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, Vol. 1, Pg. 911-918, ISSN 1314-2704,

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**Risi11. Nistor, C.M., Goldan, T.,** Danciu, C., *Study of mechanical characteristics of granites from Porceni and Meri and the determination of the correlation relationships between them*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, VOL. II, Pg. 267-274, ISSN 1314-2704,

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**Risi12. Nistor, C.M., Danciu, C., Goldan, T.,** *The physical-mechanical characterization of the aggregates from the Jiu river as a depending function on the relationships between them*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, VOL.II, Pg. 325-330, ISSN 1314-2704,

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**Risi13. Danciu, C., Arad, V., Moraru, R., Goldan, T.,** Nistor, C.M., *Comparative analysis of the moisture and porosity influence on the static and dynamic elasticity modulus*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, Vol. II, Pg. 33-38, ISSN 1314-2704, <http://sgem.org/sgemlib/spip.php?article1932&lang=en>,

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**Risi14. Danciu, C., Arad, V., , Goldan, T.,** Moraru, R., Nistor, C.M., *Geo-mechanical grading of Savarsin and Soimos granites in view of their effective use*, 12th International Multidisciplinary Scientific Geoconference SGEM 2012 Conference Proceedings, Vol. II, Pg. 103-110, ISSN 1314-2704, <http://sgem.org/sgemlib/spip.php?article1941&lang=en>,

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**Risi15. Goldan, T.,** Moraru, R., Danciu, C, Nistor, C.M., *Up-to-date methods aimed at optimum mining technology selection in lignite open-pits from the romanian „Oltenia” basin*, 11th



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<http://sgem.org/sgemlib/spip.php?article143&lang=en>, DOI: 10.5593/sgem2011/s03.153

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**Risi16. Goldan, T.,** Moraru, R., Danciu, C, Nistor, C.M., *Tourism vs. mining in Praid - Romania salt mine*, 11th International Multidisciplinary Scientific Geoconference SGEM 2011 Conference Proceedings, Vol. I, Pg. 1027-1030, ISSN 1314-2704,

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**Risi17.** Danciu, C., Nistor, C., Toderaş, M., **Goldan, T.,** *Correlations and mathematical regressions to establish the geomechanical characteristics of magmatic rock in south Apuseni*, 11th International Multidisciplinary Scientific Geoconference SGEM 2011 Conference Proceedings, Vol. I, Pg. 399-406, ISSN 537-544-2704,

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### **Rns – Reviste de specialitate de circulație națională recunoscute de CNCSIS/CNCS**

**Rns1.** Cozma, E., Onica, I., **Goldan, T.**, Rusan, I., *Analiza aplicabilității unei noi metode de exploatare în corelație cu condițiile de zăcământ din zona Băița Ștei*, Buletinul Științific al Universității de Nord Baia Mare, seria D, vol.XIX, 2005, pag. 15-18, ISSN 1582-0548.

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### **5<sup>0</sup> ARTICOLE ÎN EXTENSO ÎN VOLUMELE UNOR CONFERINTE INTERNATIONALE DE SPECIALITATE**

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**xxvi. Goldan T.,** Cozma, E., Onica, I., *Analiza apariției fenomenelor dinamice în lucrările miniere subterane*, Lucrările conferinței științifice cu participare internațională a Universității de Nord Baia Mare, 2003, pag.53-56, ISSN 1582-0548.

**xxvii. Goldan, T.,** *Prevention and control of spontaneous combustion of coal in storage area*, Proceedings of the 10<sup>th</sup> Scientific Conference with international participation “Constantin Brâncuși” University, Engineering Faculty, november, 2005, pag.40-45, ISBN 973-7637-25-9.

## **6<sup>0</sup> PROIECTE DE CERCETARE-DEZVOLDARE-INOVAR<sup>2</sup>**

*P – Proiecte de cercetare-dezvoltare-inovare obtinute prin competiție, pe bază de contract/grant, în țară/străinatate*

**P1. Manager proiect,** *Modernizarea drumurilor de exploatare agricolă în comuna Borăscu, jud. Gorj*, contract de finanțare nr. C125A011142000007/2012, finanțat din Fondul European Agricol de Dezvoltare Rurală, S.C. Radu&Nistor Imobilinvest S.R.L. Craiova – Primăria comunei Borascu, jud. Gorj, valoare 122.670 lei.

**P2. Manager proiect,** *Modernizarea drumurilor de exploatare agricolă comuna Grecești, jud. Dolj, cu completare proiect Eliminare efecte calamități*, contract de finanțare nr. C125A011141700001/2012, finanțat din Fondul European Agricol de Dezvoltare Rurală, S.C. Radu&Nistor Imobilinvest S.R.L. Craiova – Primăria comunei Grecești, jud. Dolj, valoare 231.684 lei.

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<sup>2</sup> CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P,F)

P – Proiecte de cercetare-dezvoltare – inovare obtinute prin competitie, pe bază de contract/grant, in tara/strainatate (Pn – nationale, Pi - internationale).

F – Alte lucrări de cercetare – dezvoltare

Obs.-a se menționa calitatea de responsabil/director sau coautor.

**P3. Manager obiectiv,** *Dezvoltarea pieței muncii prin promovarea ocupațiilor neagricole în mediul rural*, 2009-2011, contract POSDRU/13/5.2/S/11nr.106/25.09.2008, coordonat de Universitatea de Științe Agronomice și Medicină Veterinară București, finanțat de Ministerul Muncii, Familiei și Protecției Sociale și Fondul Social European, valoare 567.504,50 lei.

**P4. Responsabil secțiune,** *Adaptarea la teren a structurilor rutiere suple sustenabile la drumurile de interes local în județul Dolj în condițiile diminuării/inlăturării riscurilor geotehnice, de mediuși de securitatea și sănătatea muncii*, contract nr.01/3816/42/14.12.2018, TOPOGEOMED Proiect S.R.L. Grecești – ERPIA S.A. Craiova, valoare 433.920 fără TVA.

**P5. Membru în colectiv, Joint Research Project R03/2008/MEDI/ANCS-2008-2009,** *The environmental impact of coal mines closure and ecological rehabilitation of mining area of India and Romania* finanțat de guvernele României și Indiei. Valoare 20.000 lei. Director: Prof.univ.dr.ing. Arad Victor.

**P6. Membru în colectiv,** *Studiu de cercetare privind amplasarea conductelor de transport gaze naturale în zone cu posibile fenomene de subsidență. Etapele I și II – Studiu privind amplasarea conductei de transport gaze naturale Bulgaria-România-Ungaria - Austria în zona de exploatare minieră Valea Jiului*, Contract UP cu S.N.T.G.N. TRANSGAZ S.A. Mediaș, nr.634/09.12.2015, valoare 120 000lei.

**P7. Membru în colectiv,** *Studiu asupra potențialului balnear și turistic al municipiului Turda, zona Durgău – Valea Sărată*, Contract internațional UP cu Consiliul Local Turda, nr.126/2005.

**P8. Membru în colectiv,** *Eficacitatea economică a exploatării zăcămintelor de lignit cu putere calorifică inferioară în corelație cu tendințele pe plan mondial*, Contract Universitatea din Petroșani cu M.C.T., B-02/2000.

**P9. Membru în colectiv,** *Studiu privind stabilirea cauzelor apariției fenomenului de subsidență discontinuă din perimetrul minier Lupeni*, Contract nr.1696 APS/5.12.2018 încheiat de U.P. cu C.E.H., valoare 49.000 lei.

**P10. Membru în colectiv,** *Lucrări privind dezvoltarea capacității de producție la E.M. Lonea – Lot I*, Contract nr.4375/2014 încheiat cu S.C. Complexul Energetic Hunedoara S.A., Sucursala E.M. Lonea, valoare 115.000 lei.

**P11. Membru în colectiv,** *Proiect tehnic: Exploatarea sării cu combina la Salina Ocna Dej*, Contract nr.40/2012 încheiat cu Societatea Națională a Sării S.A., Sucursala Salina Ocna Dej, Valoare 57.000 lei.

**P12. Membru în colectiv,** *Proiect tehnic: Exploatarea sării cu combina la Salina Slănic Prahova*, Contract nr.7858/2012 încheiat cu Societatea Națională a Sării S.A., Sucursala Slănic Prahova Valoare 60.000 lei.

**F – Alte lucrări de cercetare-dezvoltare-contracte cu terți**

**F1. Membru în colectiv,** *Cauzele geominiere care au condus la producerea accidentului din data de 15.11.2008 de la E.M.Petrila, Expertiza tehnica, Contract 2009, UP cu CNH Petroșani, valoare 25 000RON.*

**F2. Membru în colectiv,** *Studiul posibilităților de exploatare a rezervelor de la orizontul +426m (oriz.60) - Sucursala Praid, Contract U.P. cu Societatea Națională a Sării S.A - Sucursala Praid, Nr.7/2003.*

**F3. Membru în colectiv,** *Studiul posibilităților de boltire a camerelor de exploatare de la orizontul +230 (Sector Nou) și Sectorul Telegdy, Contract U..P cu Societatea Națională Sării S.A-Sucursala Praid, Nr.6/2003.*

**F4. Membru în colectiv,** *Studiul aplicabilității unor metode de exploatare în corelație cu condițiile de zăcământ, în vederea creșterii productivității muncii și reducerii pierderilor de exploatare din zona Băița Bihor, Contract U.P. cu C.N. MINVEST Deva, nr.10/1999.*

**F5. Membru în colectiv,** *Perfecționarea schemelor de deschidere, pregătire și a tehnologiilor de abataj pentru minele: Vulcan, Bărbăteni, Câmpu lui Neag, Contract U.P. cu R.A.H. România, nr.33/1998.*

**F6. Membru în colectiv,** *Perfecționarea schemelor de deschidere, pregătire și exploatare a minelor Paroșeni, Valea de Brazi și Uricani, Contract U.P. cu R.A.H. România, nr.32/1997.*

**F7. Membru în colectiv,** *Perfecționarea schemelor de deschidere și de pregătire, a metodelor și tehnologiilor de abataj pentru minele din Valea Jiului (Lonea, Petrila, Dâlja și Aninoasa), Contract U.P. cu R.A.H. România, nr.31/1996.*

**F8. Membru în colectiv,** *Studiul tehnologiilor de exploatare subterană a zăcămintelor de lignit de la I. M. Berbești, în vederea reducerii pierderilor după grosime și suprafață, pentru creșterea coeficienților de extragere, Contract UTP cu I.M.Berbești, nr.15/1990.*

**26.06.2019**

Candidat,  
**Conf.univ.dr.ing. Goldan Tudor**

