

UNIVERSITATEA DIN PETROȘANI

Facultatea de Mine

Departamentul: Inginerie minieră, topografie și construcții

Examen de promovare pentru ocuparea postului de **profesor universitar**, poz.3

Disciplinele: Exploatare miniere la zi I

Exploatare miniere la zi II+III

Domeniul: Mine, Petrol și Gaze

Hotărârea M.E.C. nr. 39591 R / 4.12.2019

LISTA DE LUCRĂRI

Candidat **GOLDAN G. Tudor**, dr. din 2000, conferențiar universitar din 2004

A. Lucrări relevante pentru realizările profesionale proprii

1. Goldan, T., Nistor, M.C., *Reducing of self-heating coal stockpile for prevention an environmental hazard*, 19th SGEM International Multidisciplinary Scientific Conference, Proceedings of the International Multidisciplinary Scientific GeoConference SGEM. 2019, ISBN 978-619-7408-78-2/ISSN 1314-2704, Vol. 19 Issue 1.3, p. 513-519,

DOI: 10.5593/sgem2019/1.3/S03.066, <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=5259>

2. 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, p. 489-496, DOI: 10.5593/sgem2018/1.3/S03.063,

<https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=292>

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’, p. 41-47, DOI: 10.5593/SGEM2014/B13/S3.007, <http://sgem.org/sgemlib/spip.php?article3871>,

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, 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, p. 357-362,

<http://sgem.org/sgemlib/spip.php?article2609>, DOI: 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=C1M

D5v1eqEJ7g2t6Xlo&page=1&doc=6

5. 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, p. 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

6. 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, p. 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-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=63&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8

7. Goldan, T., *Environmental impact of mining activities: a national level inventory*, Proceedings of the 5th International Conference on Manufacturing Science and Education, vol. II, p. 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-nformation.ro/full_record.do?product=WOS&search_mode=AuthorFinder&qid=5&SID=C1MD5v1eqEJ7g2t6Xlo&page=1&doc=8

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), p.573-578, 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*, 12th 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

10. Goldan, T., Danciu, C., Nistor, C.M., *The use of underground spaces in Romanian salt mines*, Proceedings of International Mining Congress, Tehran, Iran, 2010.

B. Teza de doctorat

Optimizarea parametrilor metodelor de exploatare a stratelor groase cu înclinare mare în vederea reducerii pericolului de autoaprindere a cărbunelui, Universitatea din Petroșani,

Conducător științific: Prof.univ.dr.doc.ing. Ștefan Covaci, 1999, confirmat prin Ordinul M.E.N. nr. 3337/09.03.2000, Calificativul: Foarte bine

C. Teza de abilitare

Cercetări privind deformarea terenului sub impactul exploatării subterane a zăcămintelor de cărbuni, 2019, confirmat prin Ordinul M.E.C. nr. 5680 / 2019.

D. Lucrări care pun în evidență contribuția științifică

Cărți sau capitole din cărți (monografii, tratate) publicate la edituri de prestigiu din străinătate

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

Cărți sau capitole din cărți (monografii, tratate) publicate la edituri din țară, recunoscute de CNCS

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

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

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

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

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

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

Articole publicate în reviste de circulație internațională, specifice domeniului, cotate ISI sau indexate în baze de date internaționale

1. Oltean, I.L., Goldan, T., Nistor, C.M., *Coal stockpile design for reducing surface land affected*, Research Journal of Agricultural Science, ISSN 2066-1843, 50(4), 2018, p.254-258, (CABI, EBSCO Index Copernicus), https://rjas.ro/paper_detail/2741.

2. Oltean, I.L., Goldan, T., Nistor, C.M., *Prevention and monitoring environmental impact of open pit coal mining activities*, Research Journal of Agricultural Science, ISSN 2066-1843, 50(4), 2018, p.259-264, (CABI, EBSCO Index Copernicus), https://rjas.ro/paper_detail/2742.

3. Gulin, A., Nistor, C.M., **Goldan, T.**, *Study on the modernization of the agricultural road system, Corcova commune, Mehedinti county*, Research Journal of Agricultural Science, ISSN 2066-1843, 50(4), 2018, p.179-183, (CABI, EBSCO Index Copernicus), https://rjas.ro/paper_detail/2764.
4. Moraru R.I., Băbuț G.B., **Goldan T.**, Popescu Stelea M., *Study on romanian training requirements needed to develop an occupational safety and health consultant career in the European Union*, *Polish Journal of Management Studies*, vol. 9/2014, May, p. 179 – 189, Czestochowa Technical University, Department of Management; ISSN 2081-7452, <http://www.pjms.zim.pcz.pl/study-on-romanian-training-requirements-needed-to-develop-an-occupational-safety-and-health-consultant-career-in-the-european-union.html>
5. **Goldan, T.**, Cozma, E., Onica, I., *The romanian salt mine*, Annals of the University of Petroșani – Mining Engineering, vol. 11 (XXXVII), UNIVERSITAS Publishing House, Petroșani, p.7-13, 2010, ISSN 1454-9174 (revistă categoria **B+**, cod CNCISIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia) [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)
6. **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, p.22-27, 2010, ISSN 1454-9174 (revistă categoria **B+**, cod CNCISIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia), [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)
7. Cozma, E., Onica, I., **Goldan, T.**, Stark, A., *The dynamics of production capacity for the Jiu Valley mines*, Annals of the University of Petroșani – Mining Engineering, vol. 11 (XXXVII), UNIVERSITAS Publishing House, Petroșani, p.14-21, 2010, ISSN 1454-9174 (revistă categoria **B+**, cod CNCISIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia), [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. Danciu, C., Arad, V., **Goldan, T.**, Nistor, C., *The physical characteristics determination of andesites from the southern apuseni mountains using regression and correlation analysis*, Annals of the University of Petroșani – Mining Engineering, vol. 11 (XXXVII), Universitas Publishing House, Petroșani, p.73-77, 2010, ISSN 1454-9174 (revistă categoria **B+**, cod CNCISIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia) [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)
9. Danciu, C., Arad, V., **Goldan, T.**, Nistor, C., *Geomechanic considerations on magmatic basic rocks in southern Apuseni*, Annals of the University of Petroșani – Mining Engineering, vol. 11 (XXXVII), Universitas Publishing House, Petroșani, p.78-83, 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)

10. 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), p.573-578.

http://www.rjas.ro/download/paper_version.paper_file.a4df2910eea7fd48.3433332e706466.pdf

11. Goldan, T., Danciu, C., Nistor, C.M., *Touristic and medical facilities in romanian salt mine cavities*, Research Journal of Agricultural Science, ISSN 2066-1843, vol.42(3)1 – 908(2010), p.579-586, (CABI, EBSCO Index Copernicus),

http://www.rjas.ro/download/paper_version.paper_file.bb0b7d71f4530246.3433342e706466.pdf

12. Bușe, F., **Goldan, T.,** Bușe, G.F., *The implementation of training programs to rural employment in non-agricultural sectors of the labor market*, Research Journal of Agricultural Science, ISSN 2066-1843, vol.42(3)1-908(2010), p.453-456,

http://www.rjas.ro/download/paper_version.paper_file.9e14ec24f7bb949c.3431332e706466.pdf

13. Goldan, T., *Storage in underground space*, Annals of University of Petrosani, Mining Engineering, vol.10 (XXXVII), Universitas Publishing House, Petrosani-Romania, 2009, p.45-50, ISSN 1454-9174 (revistă categoria **B+**, cod CNCSIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia)

[http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2010-2009%20\(XXXVII\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2010-2009%20(XXXVII).pdf)

14. Goldan, T., Danciu, C., *The approaches of risk in climate change*, Annals of University of Petrosani, Mining Engineering, vol.10 (XXXVII), Universitas Publishing House, Petrosani-Romania, 2009, p.281-286, ISSN 1454-9174 (revistă categoria **B+**, cod CNCSIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia),

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15. Goldan, T., Grama, V., *The socio/economic costs of climate change*, Annals of University of Petrosani, Mining Engineering, vol.10 (XXXVII), Universitas Publishing House, Petrosani-Romania, 2009, p.273-280, ISSN 1454-9174 (revistă categoria **B+**, cod CNCSIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania și EBSCO Publishing Inc. – SUA; SUWECO – Cehia),

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16. Goldan, T., Arad, V., *The role of natural causes and human activities in climate change*, RevCAD, Journal of Geodesy and Cadastre, Aeternitas Publishing House, Alba Iulia, No.8/2008, ISSN 1583-2279 (BDI: Index Copernicus, DRJI, Research Bib, J-Gate), p.225-232

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17. Arad, V., **Goldan, T.,** *Climate change and its interaction with natural, economic and social processes*, RevCAD, Journal of Geodesy and Cadastre, Aeternitas Publishing House, Alba Iulia, No.8/2008, ISSN 1583-2279 (BDI: Index Copernicus, DRJI, Research Bib, J-Gate), p.217-224,

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18. Goldan, T., *Mine fires – security risk from mining*, Annals of University of Petroșani, Mining Engineering, vol.9 (XXXVI), Universitas Publishing House, Petroșani-Romania, 2008, p.171-179, ISSN 1454-9174,

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19. Goldan, T., *Impact of smoke and CO to escaping miners from underground mine fires*, Annals of University of Petroșani, Mining Engineering, vol.9 (XXXVI), Universitas Publishing House, Petroșani-Romania, 2008, p.180-186, ISSN 1454-9174,

[http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%209-2008%20\(XXXVI\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%209-2008%20(XXXVI).pdf)

20. Goldan, T., *Risk management and its implications for mine safety*, Annals of University of Petroșani, Mining Engineering, vol.9 (XXXVI), Universitas Publishing House, Petroșani-Romania, 2008, p.197-205, ISSN 1454-9174,

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21. Goldan, T., Moraru, R., Băbuț, G., *Energia electrică pe bază de cărbune și emisiile de gaze cu efect de seră*, Revista Minelor, Nr.9-10/2008, p.33-36, ISSN 1220-2053 (revistă categoria B, cod CNCIS 293, ISSN 1220-2053; BDI: EBSCO Publishing Inc.- SUA)

http://www.upet.ro/revistaminelor/arhiva/rm2008/2008_rezumat_9-10.html

22. Onica, I., Cozma, E., Goldan, T., Rosioru, I. *Analysis of the stress and strain state around the top coal caving faces, in the case of coal seam no.3, from Jiu Valley coal basin, using the finite element method*, Annals of University of Petroșani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petroșani-Romania, 2007, p.43-50, ISSN 1454-9174,

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23. Onica, I., Cozma, E., Goldan, T. *The stowing process of Sfânta Varvara and Ida adits in view of ensuring the ground surface and roadways stability from the Cozla mine perimeter*; Annals of University of Petroșani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petroșani-Romania, 2007, p.51-58, ISSN 1454-9174,

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24. Onica, I., Cozma, E., Goldan, T. *Statistical models of supports' behaviour in longwall mining faces of coal seams*, Annals of University of Petroșani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petroșani-Romania, 2007, p.70-75, ISSN 1454-9174,,

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25. Goldan, T., *Electricity generation by coal-fired versus reducing greenhouse gases emissions*, Annals of University of Petroșani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petroșani-Romania, 2007, p.166-173, ISSN 1454-9174,

[http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20\(XXXV\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20(XXXV).pdf)

- 26. Goldan, T.,** Cozma, E., Onica, I. *Environmental pollution interact with the innovation and diffusion of new technologies*, Annals of University of Petrosani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petrosani, 2007, p.166-181, ISSN 1454-9174, [http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20\(XXXV\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20(XXXV).pdf)
- 27. Goldan, T.,** Grama, V., Cucuș, V., *Critical particle size in spontaneous combustion of coal stockpiles*, Annals of University of Petrosani, Mining Engineering, vol.8 (XXXV), Universitas Publishing House, Petrosani, 2007, p.182-187, ISSN 1454-9174, [http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20\(XXXV\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20(XXXV).pdf)
- 28. Goldan, T.,** Băbuț, G.B., Băbuț, M.C., *The policy strategies and climate change*, Annals of the University of Petroșani, Mining Engineering, vol. 8 (XXXV), p. 215-221, universitas Publishing House, Petroșani, 2007, ISSN 1454-9174, [http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20\(XXXV\).pdf](http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%208-2007%20(XXXV).pdf)
- 29. Goldan, T.,** Cozma, E., Onica, I., *Analysis of Three Forest Gap Models*, RevCAD, Journal of Geodesy and Cadastre, Aeternitas Publishing House, Alba Iulia, No.7/2007, p.209-214, ISSN 1583-2279, http://revcad.uab.ro/upload/16_242_Paper23_RevCAD07_2007.pdf
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1. **Goldan, T.** - **Director 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 Borăscu, jud. Gorj, valoare 122.670 lei.

2. **Goldan, T.** - **Director proiect**, *Modernizarea drumurilor de exploatare agricolă comuna Grecești, jud. Dolj, cu completare proiect Eliminarea 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.

3. **Goldan, T.** - **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.

4. **Goldan, T.** - **Responsabil secțiune**, *Adaptarea la teren a structurilor rutiere suplimentare sustenabile la drumurile de interes local în județul Dolj în condițiile diminuării/înlăturării riscurilor geotehnice, de mediu și 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.

5. **Goldan, T.** - **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.

6. **Goldan, T.** - **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.

7. Goldan, T. - 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.

8. Goldan, T. - 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.

9. Goldan, T. - 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.

10. Goldan, T. - 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.

11. Goldan, T. - 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.

Contracte de cercetare derulate cu agenții economici

1. Goldan, T. - 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.

2. Goldan, T. - 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.

3. Goldan, T. - 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.

4. Goldan, T. - 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.

5. Goldan, T. - 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.

6. Goldan, T. - 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.

7. **Goldan, T. - 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.

8. **Goldan, T. - 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.

9. **Goldan, T. - 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.

10.01.2020

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

