



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Octavian-Gheorghe COLȚOI**
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E-mail octavian.coltoi@igr.ro; coltoi_o@yahoo.com
Nationality Romanian
Date of birth 30.03.1975

Desired employment / Occupational field

Work experience

Period of time	07.2015 – present time
Occupation or position held	Head of Geo Resource Group – Geological Institute of Romania
Main activities and responsibilities	2008 – present time Senior scientific researcher – Geological Institute of Romania Regional geology, petroleum geology (including the unconventional hydrocarbon resources); Seismic Interpretation; Underground storage of the CO ₂ ; Geological maps, Aggregates/Mineral resources
Name and address of employer	Geological Institut of Romania (Geological Survey of Romania), 1 Caransebes St., Bucharest, Romania, RO-012271
Type of business or sector	Research
Period of time	2002 - 2005; 2006 – 2013
Occupation or position held	Associate / Research Assistant – Faculty of Geology and Geophysics
Main activities and responsibilities	Teaching laboratories of Petroleum Geology, Hydrocarbon Resources, Evaluation of the hydrocarbon potential of the sedimentary basin, Petroleum exploration, Reservoir Engineering Developing the structural model of the pre-salt formations from Transylvanian Basin using geological and geophysical data Evaluation of hydrocarbon potential of the main sedimentary basins of Romania Moesian Platform, Romanian Black Sea Shelf, Paleogene Carpathians Flysch
Name and address of employer	Geology and Paleontology Department, Faculty of Geology and Geophysics, University of Bucharest – 6 Traian Vuia St., Bucharest, Romania
Type of business or sector	Education / Fundamental and applied research
Period of time	2006 – 2008
Occupation or position held	Geologist – Geotechnical department
Main activities and responsibilities	Elaboration of 14 geotechnical studies concerning geological works for motorways, airports, landslides
Name and address of employer	The Design Institute for Roads, Water and Air Transport, (IPTANA S.A.), Bucharest - Dinicu Golescu Avenue no 38., Bucharest, Romania
Type of business or sector	Design and Consultancy for roads, water and air transport
Period of time	2005 – 2006
Occupation or position held	Assistant – Faculty of Geology and Geophysics
Main activities and responsibilities	Teaching classes of Petroleum Geology, Hydrocarbon Resources, Evaluation of the hydrocarbon potential of the sedimentary basin, Petroleum exploration
Name and address of employer	Geology and Paleontology Department, Faculty of Geology and Geophysics, University of Bucharest – 6 Traian Vuia St., Bucharest, Romania
Type of business or sector	Education

Period of time 2000 – 2001
 Occupation or position held **Geologist - Exploration division**
 Main activities and responsibilities Developing the geological model for calculation of the hydrocarbon resources and reserves on the Lebada Vest Albian structure – Romanian Black Sea Shelf (build the structural map on top of Albian age, correlating the petrophysics data from cores and logs).
 Name and address of employer **Institute of Research and Technology (ICPT) Campina, subsidiary research of Romanian National Oil Company (S.N.P. Petrom SA.) – Culturii Avenue no. 29, Campina, Prahova county, Romania**
 Type of business or sector Research / Industry

Education and training

Dates 2002 – 2011
 Title of qualification awarded **PhD - Doctor**
 Principal subjects/occupational skills covered Title: Processes of forming and evolution of the diapiric structures and their roles in the hydrocarbon accumulation. Study case – Transylvanian Basin
 Techniques in the seismic interpretation, basin modeling, salt tectonic
 Name and type of organisation providing education and training University of Bucharest, Faculty of Geology and Geophysics, Romania

Dates 2000 – 2001
 Title of qualification awarded **M.Sc. - diploma in Assessment of Sedimentary Basins**
 Principal subjects/occupational skills covered Title: Maturity of source rocks belong to the neogene formations - Dambovita – Buzau Valleys perimeter
 Assessment of the hydrocarbon potential, sedimentary basin analysis (burial history), thermal maturity
 Name and type of organisation providing education and training University of Bucharest, Faculty of Geology and Geophysics, Bucharest, Romania

Dates 1995 – 2000
 Title of qualification awarded **B.Sc. in Geology - diploma in Geological Engineering (oil field)**
 Principal subjects/occupational skills covered Title: Calculate of the geological resource and reserve of the Oligocene formation belong to the Runcu-Bustenari oilfield
 Name and type of organisation providing education and training University of Bucharest, Faculty of Geology and Geophysics, Bucharest, Romania

Dates 19 -23 October 2015
 Title of qualification awarded CCS Course – The Impact of the Quality of CO₂ on Transport and Storage Behaviour
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training **Institute for Studies and Power Engineering (ISPE), Bucharest, Romania**

Dates 14 – 17.02.2011
 Title of qualification awarded Geochemical analysis and maturity of the source rock from Silurian / Brief training concerning equipment and techniques to perform tests on thermal maturation of rocks (including Rock-Evall method)
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training **Total Oil Company, Pau, France**

Dates 11.2003
 Title of qualification awarded Training courses: Certificate no. 26 – 27.11.2003 – Geoframe Fundamentals and certificate no. 28 – 29.11.2003 – Seismic Interpretation using Charisma Software)
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training **Schlumberger Information Solutions Company (S.I.S.), Romanian Branch, Bucharest, Romania**

Dates 03 – 09. 2001
 Title of qualification awarded Training courses for Petrom Romania employee staff (certificate no. 59/2001, no 112/2001, no 228/2001, no 342/2001 and no.440/2001). Campina, Romania / Exploration and exploitation of oil fields, geo-statistics in the oil fields.
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training **Romanian National Oil Company (S.N.P. Petrom SA), Romania**

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

English Language

Understanding

Listening

Reading

Speaking

Spoken interaction

Spoken production

Writing

B2 Independent user

B2 Independent user

B2 Independent user

B2 Independent user

B2 Independent user

Social skills and competences

Excellent communication abilities and adapting to stress, open-minded, very good communication and ambitious

Organisational skills and competences

Well organized, disciplined, Project Management

Organizer of the Summer geological field trip for the students from the Faculty of Geology and Geophysics between years 2001 – 2006

Organizer of the national/international meetings and workshops:

10.2010 - Organizer the SARMA International Meeting, Bucharest, Romania

11.2011 - Organizer the SARMA National workshop – Bucharest, Romania

11.2013 - Organizer the SNAP-SEE National workshop – Bucharest, Romania

06.2014 - Organizer the SNAP-SEE National workshop – Bucharest, Romania

05.2016 - Co-organizer of the EOEG/EGS working group on landslides/subsidence– Bucharest, Romania – field trip

Computer skills and competences

Deneba Canvas, Charisma Geoframe, Surfer, AutoCad, Adobe Photoshop, Corel Draw, Ocad

Driving licence

B category since to 2004

Additional information

Member of the following Professional Associations:

01.03.2013 – 06.2015

Vice-president of the public association "Geological Society of Moldova" from Republic of Moldova 06.2013 – present

Romanian Senior Expert for shale gas at the Directorate K - Energy from European Commission - Directorate General for Research & Innovation

12.2014 – present

Member of EOEG/EGS working group on landslides/subsidence in the EuroGeoSurveys

12.2015 – present - Member of Geo-Energy Expert Group in the EuroGeoSurveys

Published papers
I. ISI-RANKED PAPERS

1. COLȚOI, O., NICOLAS, G., SAFA, P., 2016. The assessment of the hydrocarbon potential and maturity of Silurian intervals from Eastern part of Moesian Platform – Romanian Sector. *Marine and Petroleum Geology*, Volume 77, Pages 653–667. Impact Factor 2.788

II. PAPERS IN NATIONAL AND INTERNATIONAL PERIODICALS

1. MARICA, G.-S., COLȚOI, O., 2014. Aggregates planning – toward a new vision of mineral resources. *Romanian Journal of Mineral Deposits*, vol. 87, No. 2, p. 27–30, ISSN 1220-5648
2. PENE, C., GRIGORESCU, Ș., COLȚOI, O., 2013. Originea și evoluția evaporitelor miocene din bazinul Transilvaniei și formarea zăcămintelor de gaze. *Revista Sării nr 7-8*, p. 57-68
3. COSTEA, A., BINDEA, G., MĂRUNȚIU, M., MUNTEANU, M., COLȚOI, O., TUDOR, G., 2010. Soluții posibile pentru un management durabil al agregatelor. *Romanian Journal of Mineral Deposits*, vol. 84, Special Issue, p. 150-152, ISSN 1220-5648
4. PENE, C., COLȚOI, O., 2005. Study of salt movement mechanisms in the Transylvanian Basin. *Journal of the Balkan Geophysical Society*, Vol. 8, Suppl. 1, p. 513-516, ISSN 1302 – 1672
5. PENE, C., MARINESCU, M., NICULESCU, B., COLȚOI, O., 2000. Hydrocarbon impregnations and seepages as natural factors of pollution. *Analele Universității din București, Geologie*, Vol. XLIX / 2000, p. 51-65 (ISSN 1013-4123)

III. EXTENDED ABSTRACT (ISI and non-ISI), CONFERENȚE PAPERS AND POSTERS, NOTES

1. ȚICLEANU, M., NICOLESCU, R., CULESCU, F., COLȚOI, O., 2016. Circular and ellipsoidal tectonic structures in the Hinova – Negotin – Vrata and Salcia – West Vidin – Lom areas. Fourth Romanian-Bulgarian-Hungarian-Serbian Conference, Vidin, 15–17 September 2016, Bulgaria, Abstract Book, p. 22
2. COLȚOI, O., 2016. Criteria in the choosing of the adequate geological formations for the shale gas assessment. Case study: Romania. *Proceedings of the AAPG Europe Region, European Regional Conference & Exhibition, Bucharest, 19- 20 May, Romania, Book of Abstract AAPG*, p.141
3. MARICA, G.-S., MĂRUNȚIU, M., COLȚOI, O., BINDEA, G., 2014. Aggregates - trends and perspectives. The Romanian contributions for a European vision. *Proceedings XX Congress of the Carpathian Balkan Geological Association*, Tirana, Albania, 24-26 September 2014, Special Issue Vol. 1, p. 411-414
4. STĂNOIU, I., COLȚOI, O., 2014. Quaternary deposits (Vallachian basin) form the external regional of the Carpathian Orogene (Romania). *Proceedings XX Congress of the Carpathian Balkan Geological Association*, Tirana, Albania, 24-26 September 2014, Special Issue Vol 2, p. 32-35
5. COLȚOI, O., 2014. Tectonic aspects related to Badenian salt from Transylvanian Basin (Romania) – Implications in gas accumulations. *Proceedings XX Congress of the Carpathian Balkan Geological Association*, Tirana, Albania, 24-26 September 2014, Special Issue Vol 2, p. 6-9
6. MĂRUNȚIU, M., MARICA, G.-S., BINDEA, G., COLȚOI, O., 2013. Marble processing and recycled – from blocks to sustainable aggregates – a Romanian overview. *Proceedings of XV Balkan Mineral Processing Congress*, June 12-16, 2013 Sozopol, Bulgaria, vol. II, p. 1201-1203, ISBN 978-954-353-218-6
7. COLȚOI, O., 2013. Evaluation of Transylvanian salt domes based to seismic and geologic data. *Proceedings of the 75th EAGE Conference & Exhibition incorporating SPE EUROPEC 2013*, Extended Abstract, Tu-P02-10 (DOI: 10.3997/2214-4609.20130583)
8. COLȚOI, O., 2012. Geological Institute of Romania's involvement in the oil industry - past, present, future. Romanian Oil and Gas Conference, Bucharest, Romania, Poster
9. PENE, C., COLȚOI, O., GRIGORESCU, Ș., 2012. Badenian evaporite evolution and methane entrapment in the Transylvanian Basin. *Proceedings of the 74st EAGE Conference & Exhibition incorporating SPE EUROPEC 2013*, Extended Abstract, P052 (DOI: 10.3997/2214-4609.20148461)
10. COLȚOI, O., 2012. The unconventional gases resources of Romania. Case study: Silurian from the Moesian Platform. *Book of Abstracts - GeoShale2012 Conference "Recent advances in geology of fine-grained sediments*, Poland, Extended Abstract, p. 119 – 121
11. COLȚOI, O., DIACONIȚA, D., 2011. The Paleozoic and Mesozoic formations of the Moesian Platform – Romanian sector: implications for shale gas exploration. *Proceedings of the IV. International Mining Congress*, Ljubljana, Slovenia, Abstract
12. COLȚOI, O., 2011. Romanian gas shales - status of the data delivery – Viewing data by the European Black Shale Database – GASH Project Workshop, February, 7-9, Utrecht, Netherlands, Poster
13. VIJDEA, A.-M., BINDEA, G., ZORAN, M., COLȚOI, O., DUMITRICA, C., 2010. Monitoring mineral extraction and processing sites in the West and South West Romania by remote sensing-derived information and laboratory analyses. *Proceedings of XIX Congress of the Carpathian Balkan Geological Association*, Thessaloniki, Greece, Special volume 99, p. 527-536
14. COLȚOI, O., PENE, C., 2010. Reverse fault system Cenade-Ruși-Veseud, effect of the Carpathian tectonic phases. Abstracts Volume of XIX Congress of the Carpathian Balkan Geological Association, Thessaloniki, Greece. *Geologica Balcanica* 39. 1-2, p. 78
15. COLȚOI, O., 2010. Romanian oil fields, possible natural reservoirs for CO₂ storage. *Proceedings of the 2nd EAGE CO₂ Geological Storage Workshop*, Berlin, Germany, Abstract 7582
16. MĂRUNȚIU, M., BINDEA, G., COLȚOI, O., VIJDEA, A.M., FLORIA, N., 2009. SARMA – Sustainable aggregates resource management. *Romanian Journal of Mineralogy*, Vol 84, p. 92. ISSN 1220-5621, in International Symposium "Mineralogy and Geodiversity" - the 70th anniversary of Prof. Dr. Ing. Emil Constantinescu, October, Bucharest, Romania
17. COLȚOI, O., 2009. Distribution of gas shale occurrences in Romania – Building a European gas shale database – Poster in GASH Project Workshop, December 8-9, Utrecht, Netherlands, Poster P2

18. PENE, C., NICULESCU, B., COLȚOI, O., 2009. Hydrocarbon entrapment in the East of the Moesian Platform. *Proceedings of the 71st EAGE Conference & Exhibition incorporating SPE EUROPEC*, Extended Abstract, P175 (DOI: 10.3997/2214-4609.201400123)
19. PENE, C., NEGULESCU, R., COLȚOI, O., 2007. Tectonic style and oil and gas accumulation in the Moldavian Platform. *Proceedings of the AAPG & AAPG European Region Energy Conference and Exhibition*, Extended Abstract
20. PENE, C., NICULESCU, B., COLȚOI, O., 2006. Geological conditions of the oil and gas accumulation in the Moesian Platform (Romania). *Society of Exploration Geophysicists (SEG), Expanded Abstracts*, vol. 25, p. 661-665, DOI: 10.1190/1.2370346 (ISSN 1052-3812)
21. PENE, C., COLȚOI, O., 2006. Relationships between gas accumulation and salt diapirism in the Transylvanian Basin. *Proceedings of the 68st EAGE Conference & Exhibition*, Extended Abstract, P173 (DOI: 10.3997/2214-4609.201402062)
22. PENE, C., COLȚOI, O., 2006. Arhitectura formațiunilor neogene și acumularea gazelor naturale în bazinul Transilvaniei. *Analele Universității București - Sesiunea științifică a Facultății de Geologie și Geofizică "Geo 2006 – Geologia și Geofizica între tradiție și schimbare"*, București, Romania
23. PENE, C., NICULESCU, B., COLȚOI, O., PASXALI, D. M., 2005. Contribuții la studiul sistemelor petroliere din platforma Moesică. *Sesiunea de comunicări științifice a Universității de Petrol și Gaze Ploiești*, 11 – 13 Mai, Ploiești, Romania, Extended Abstract

IV. ORAL PRESENTATION

1. GAS SHALES in Europa - prezent și perspective – Scientific sessions of the Romanian Geological Institute, Romanian Museum of Geology, Bucharest, Romania, 2011
2. Romanian shale – present and perspectives Perspectives for unconventional gas in Europe. Polish and Romanian experience with shale gas – Seminar at the Embassy of the Republic of Poland, Nov 16th Bucharest, Romania
3. Interview for „Știința pentru toți” radio broadcast - Radio Romania Cultural, April 2010 (in romanian) (http://stiintaincuvintepotrivite.radiocultura.ro/2011_04_01_archive.html)

V. CHAPTERS IN BOOKS

Co-author and translated in the Romanian version of the three books in the SARMa project:

- How to achieve aggregates resource efficiency in local communities
- The production of Recycled Aggregates
- Sustainable Aggregates Resource Management & Sustainable Supply Mix at Regional / National and Transnational level

Co-author and translated in the Romanian version of the five books in the SNAP SEE project:

- Sustainable Aggregates Planning in South East Europe: The SNAP SEE project in glance in "Žibret G & Miletić S (2014) *The Sustainable Aggregates Planning in South East Europe: the SNAP-SEE project in glance*. Geological Survey of Slovenia, 55 pp. DOI:10.5474/snapsee-WP2-EN
- Consulting Stakeholders when Applying Best Practices in Sustainable Aggregates Planning in "Dolinar U., Softic M. and Z. Kozinc (2014), *Handbook on Consulting Stakeholders when Applying Best Practices in Sustainable Aggregates Planning*, SNAP-SEE, 2014. DOI:10.5474/snapsee-WP3-EN"
- Data and Analysis Methodologies for Aggregates Planning: In support of best practices in Sustainable Aggregates Planning in "Agioutantis Z. et al. (2014), *Data and Analysis Methodologies for Aggregates Planning: In support of best practices in Sustainable Aggregates Planning*, SNAP-SEE Project, 2014, DOI: 10.5474/snapsee-WP4-EN"
- A Vision of Best Practices for Aggregates Planning in South East Europe in "Horváth, Z., Miko, S., Sári, K. and Dedić, Ž. (2014) *A Vision of Best Practices for Aggregates Planning in South East Europe*, SNAP-SEE Project, www.snapsee.eu. 2014, doi: 10.5474/snapsee-WP5-EN"
- How to Build a Sustainable Aggregates Plan in "Severi et al. (2014), *How to Build a Sustainable Aggregates Plan*, SNAP-SEE project, <http://www.snapsee.eu>. DOI:10.5474/snapsee-WP6-EN"

VI. TRAINING AND PARTICIPATION TO NATIONAL / INTERNATIONAL WORKSHOPS

- * Delegate member - 3rd CONSORTIUM MEETING & STAKEHOLDER WORKSHOP, SARMa project, October 5-8, 2010, Bucharest, ROMANIA
- * Delegate member - 6th CONSORTIUM MEETING, CONFERENCE AND TRANSNATIONAL CONFERENCE, SARMa project, June 8 – 10, 2011, St.Pölten, AUSTRIA
- * Delegate member – 2nd preliminary GASH-2 science meeting, October 10-12, 2012, Potsdam, GERMANY
- * Delegate member – Kick-off Steering Committee meeting and training for partners of the SNAP-SEE project – October 24-26, 2012, Leoben, AUSTRIA
- * Delegate member – Potential stakeholders meeting GASH II, January 16-19, 2013, Potsdam, GERMANY
- * Delegate member – GASH II strategy workshop, February 28 – 1 March, 2013, Potsdam, GERMANY
- * Delegate member – Training for partners and accompanying SNAP-SEE project meeting, February 12. – 15, 2013, Budapest, HUNGARY
- * Delegate member – 2nd Steering Committee Meeting of the SNAP-SEE project, May 15 – 17, 2013, Budva (Bečići), MONTENEGRO
- * EU member (Private senior expert) – Stakeholders Consultation on Shale Gas Research Priorities in Europe. EUROPEAN COMMISSION DIRECTORATE GENERAL FOR RESEARCH & INNOVATION, Directorate K – Energy, K.2 - Energy conversion and distribution systems, Covent Garden COV2, room 3.183, June 26-27, 2013, Brussels, BELGIUM

- * National delegate member – Geological Institute of Romania in the Geosciences Educational Program Application including Shale Gas-Evaluation and Safety". Society of Exploration Geophysicists (SEG) Houston, September 21 – 26, 2013, USA
 - * Delegate member – 3rd Steering Committee Meeting of the SNAP-SEE project, November 12 – 14 2013, Bratislava, SLOVAKIA
 - * Delegate member – 4th Steering Committee Meeting of the SNAP-SEE project, April 09 – 11 2014, Pula, CROATIA
 - * Delegate member – 5th Steering Committee Meeting of the SNAP-SEE project, September 09 – 10 2014, Chania, GREECE
 - * Delegate member – 6th Steering Committee Meeting of the SNAP-SEE project, October 21 – 23 2014, Bled, SLOVENIA
 - * Delegate member – Kick-off Steering Committee meeting and training for partners of the MINATURA 2020 project – March 03-04, 2015, Vienna, AUSTRIA
 - * Delegate member – Kick-off Steering Committee meeting and training for partners of the MINATURA 2020 project – November 16-19, 2015, Budapest, HUNGARY
 - * Delegate member – Kick-off Steering Committee meeting and training for partners of the EUOGA (EU unconventional Oil and Gas Assessment) project and Meeting-Day of members from Geo-Energy Expert Group (EuroGeoSurveys) – December 06-09, 2015, Copenhagen, DENMARK
- Lecturer - "Geological conditions of the forming of oil and gas, organic concepts" at Workshop on Standard Specifications of Mineral and Synthetic Lubricating Oil" organized by the European Commission – TAIEX (Technical Assistance Information Exchange Instrument of the European Commission) in co-operation with Egyptian Chemistry Administration, Cairo, Egypt, 10-13 April 2016. EU Delegate (http://ec.europa.eu/enlargement/taix/dyn/taix-events/library/detail_en.jsp?EventID=60124)
- * Delegate member – Second Workshop and training for partners of the EUOGA project – October 11-12, 2016, Utrecht, NETHERLANDS
 - * Delegate member – Second EuroGeoSurveys Networking event for partners of the GEO-CRADLE project – October 16-18, 2016, Rabat, MOROCCO
 - * Member – Meeting of members from Geo-Energy Expert Group (EuroGeoSurveys) and Kick-off Meeting of Geo-ERA consortium – December 06-09, 2016, Budapest, HUNGARY

VII. NATIONAL AND INTERNATIONAL PROJECTS

1. Structural model elaboration of the fore-salt formations from Transylvanian Basin based on integrated analysis of geological and geophysical data
(Contract no 94/2001) – University of Bucharest member
2. Study to assess of the hydrocarbon potential of the main sedimentary basins from Romania (I, II and III phases)
(Contract no 34/2005) – University of Bucharest member
3. Geotechnical report and studies (14) for different objectives from Romania issued between 2006-2008 as IPTANA project manager or member
4. Romanian Oil and Gas Fields, possible natural reservoirs for CO₂ storage (2009 – 2015)
(National Core program PN 09 21 04 02 project) – IGR project manager
5. Advanced research to determine the spectral thermal and chemical parameters of minerals, rocks and industrial waste for create of georeferenced databases and metadata for monitoring environmental issues (GEOLAS DATA) project
(Contract no 31-020 / 07) – IGR member
6. Sustainable aggregates resources management (SARMa) Project. Duration 01.05.2009 – 31.10.2011
(Contract no SEE/A/151/2.4/X) – IGR member
7. Geochemical and stratigraphical characteristics of Silurian from eastern part of Moesian Platform – Romanian sector (Bordei Verde –Călărași – Biruinta perimeter). Duration 30.11.2010 – 30.05.2011
(Contract no EXS 10 11/ 30.11.2010) – IGR project manager
8. GASH Sub-Project 1 - Building a European Black Shale. Duration 01.06.2010 – 30.04.2012
(Contract no 1100 / 29.06.2010) – IGR project manager
9. EU Information and Policy Support System for Sustainable Supply of Europe with Energy and Mineral Resources (EuroGeoSource) Project. Duration 2010 - 2013
(Contract no 250532) – IGR member
10. Geological and geophysical data analysis of the Mesozoic and Tertiary formations from self of the Black Sea (Romanian sector), focused to the block EX - East 29 - Rapsodia and 30 - Trident perimeters
(Contract no 117/1433/2012) – IGR member
11. Assessment of the hydrocarbon potential of the Silurian source rocks from the Eastern part of Moldavian Platform. Duration 26.10.2012 – 27.04.2013
(Contract no EXS 12 04/ 26.10.2012) – IGR project manager

12. Sustainable Aggregates Planning in South East Europe (SNAP-SEE) project. Duration 01.10.2012 – 30.11.2014
(Contract no SEE/D/0167/2.4/X) – IGR member / project manager
13. MINATURA 2020. Duration 01.02.2015 - 31.01.2018
(Contract SC5-13a-2014/ No 642139. – IGR member
14. EUOGA – EU unconventional Oil and Gas Assesment (Geological Evaluation of Potential Unconventional Oil and Gas Resources in Europe).
Duration 01.12.2015 – 01.03.2017
(Contract no 114111) – IGR project manager
15. URMA (Multi-layer Geohazards Information System Concept for Urban Areas (URMA – urban risk mapping). Duration 01.11.2015 – 31.10.2017
(Contract no 4000115380/15/I-NB) – IGR Member
16. Geo-Cradle (Coordinating and integRating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East, and Balkans and Developing Links with GEO related initiatives towards GEOSS) Project. Duration 01.02.2016 – 31.07.2018
IGR project manager
17. Unconventional hydrocarbon energy resources through the current geological concepts (Duration 2016-2017)
(National Core program - PN 16 06 02 07 project) – IGR project manager
18. Updating and digitizing of the national geo-thematic maps
(National Core program - PN 16 06 01 02 project) – IGR member
19. Elaboration to the geological map of Romania, 1:50 000 scale
(National Core program - PN 16 06 01 01 project) – IGR member
20. MinService (Mineral Support Services) Project. Duration 01.04.2016 – 01.01.2019
(Contract no 15040) – IGR project manager
21. Danube Region Leading Geothermal Energy (DARLINGe) Duration 01.2017 – 06.2019

VIII. GEOLOGICAL MAPS

1. Bindea G., Krautner H.,G., Gheuca I., Colțoi O., (2011). Gheorgheni geological map 1:50 000 scale – layout
2. Bindea G., Krautner H.G., Colțoi O. (2014). Sindominic geological map 1:50 000 scale – layout