

Curriculum Vitae

First name(s) / Surname(s) **KAMEN PETKOV POPOV**

Address (business) Sofia 1700, Bulgaria
University of Mining and Geology "St. Ivan Rilski"
Faculty of Geology
Department of Geology and Research of Mineral Deposits
Tel: (+359) 02 80 60 575

E-mail kpopov@mqu.bg

Positions (at moment) **Professor** in scientific specialty "Geology and Exploration of Mineral Deposits",
from 2020 – **Head of department** of Geology and Exploration of Mineral Deposits at
University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria

Dates 1992 – till now

Occupation or position held **From 1992 – Assistant, from 2005 – Associated Professor, from 2023 – Professor in scientific specialty "Geology and Exploration of Mineral Deposits"**

Name and address of employer University of Mining and Geology, Sofia, Bulgaria

Dates 2000-2001, 2003-2004, 2017- 2019

Occupation or position held **Research Fellow I degree, Assoc. Prof.** (part time job)

Name and address of employer Space Research and Technology Institute, Bulgarian Academy of Science

Dates 2005 – 2015

Occupation or position held **Geologist** (part time job)

Name and address of employer Melrose Resources Bulgaria

Education and training

Dates 1986 - 1991

Title of qualification awarded **M. Sc. in Geology (Geology and Exploration of Mineral Deposits)**

Educational institution University of Mining and Geology, Sofia, Bulgaria

Dates 1988 - 1992

Title of qualification awarded Language Communication and Translation (in English)

Educational institution Open Faculty, University of Mining and Geology, Bulgaria

Dates 2001 - 2002

Title of qualification awarded Environmental Manager

Educational institution University of Forestry, Bulgaria

Dates 2003

Title of qualification awarded **Doctor** degree in scientific specialty 01.07.13 "Geology and Exploration of Mineral Deposits"

Educational institution University of Mining and Geology, Bulgaria

Dates 2004

Title of qualification awarded Remote Sensing and GIS

Educational institution General Directorate MTA, Turkey, JICA, Japan

Dates 2006
 Title of qualification awarded Operations & Wellsite Geologist
 Educational institution STAG, UK

Dates 2018
 Title of qualification awarded Access and work with data and portals of Copernicus Program
 Educational institution Geo Polymorphic Cloud, SRTI – BAS, Sofia University “St. Kl. Ohridski”, Bulgaria

Mother tongue(s) **Bulgarian**
 Other language(s) **Russian, English**

Self-assessment <i>European level (*)</i>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Listening		Reading	
Russian	B2	Working level	B2	Working level	B2	Working level	B2	Working level	B1	Working level
English	B2	Working level	B2	Working level	B2	Working level	B2	Working level	B2	Working level

(*) [Common European Framework of Reference for Languages](#)

Professional information and applications

Professional and Research interests (key words) **Prospecting and Exploration of Mineral Deposits, Geographic Information Systems, Remote Sensing Methods**

Patents and Inventions

Membership of professional and trade organization Bulgarian Geological Society

Publications More than 60 publications in field of Geology

Projects Participation in more than 25 completed projects

Participation in scientific sessions, conferences and congresses (for last 5 year) International Scientific Session, University of Mining and Geology, Bulgaria
 International Scientific Conference, Bulgarian Geological Society, Bulgaria

Specialization abroad (for last 5 year)

Other professional skills

PUBLICATIONS:

Bakardjiev, S., K. Popov. 1994. Practice on Research of the Mineral Deposits. Publ. University of Mining and Geology, Sofia, pp. 59 (in Bulgarian)

Popov, P., V. Frugova, K. Popov, R. Arnaudova, Str. Strashimirov, V. Kovachev. 1994. Geology of the gold-copper-pyrite ore mineralization Chervena Mogila (The Panagyurishte ore region). Annual of the University of Mining and Geology, Sofia, vol. 40, part 1 Geology, pp. 101-109 (in Bulgarian, abstract in English)

Kortenski, J., K. Popov. 1994. Occurrence of the rare earth and radioactive elements in the coals from the Sofia Basin. Annual of the University of Mining and Geology, Sofia, vol. 40, part 1 Geology, pp. 133-140 (in Bulgarian, abstract in English)

Popov, P., S. Strashimirov, R. Arnaudova, M. Kanasirski, K. Popov. 1996. Geology and Genetical Model of the Porphyry Copper Deposits from the Assarel - Medet Ore Field. Proc. Annual Meeting UNESCO IGCP - 356, vol. 1, Publ. in UMG, Sofia, pp. 175-196

Popov, K. 1996. Geochemical Associations in the Primary Geochemical Haloes of the Gold-Copper-Pyrite Ore Mineralization “Chervena Mogila”, Panagyurishte Ore District. Annual of the University of Mining and Geology, Sofia, vol. 41, part 1 Geology, pp. 55-62 (in Bulgarian, abstract in English)

Kortenski, J., K. Popov, K. Yordanov. 1996. Occurrence and distribution of the major elements in the lignites from the Samokov Basin. Annual of the University of Mining and Geology, Sofia, vol. 41, part 1 Geology, pp. 63-68 (in Bulgarian, abstract in English)

Serafimovski, T., N. Tudzarov, K. Popov, G. Mitevski, V. Stefanova. 1996. Types of Geochemical Associations in the Borov Dol - Shopur Area: Interpretation of the data of primary and secondary haloes. Geologica Macedonica, vol. 10, pp. 1-22.

Popov, K. 1997. Geochemical Associations in some Gold-bearing Cooper deposits from the Panagyurishte Ore Region, Bulgaria. Proc. Symp. “Ore Deposits Exploration”, Belgrade, 2-4 April, pp. 291-302

Popov, P., K. Popov. 1997. Metallogeny of Panagyurishte Ore Region. Proc. Symp. “Ore Deposits Exploration”, Belgrade, 2-4 April, pp. 327-338

- Kortenski, J., K. Popov, K. Yordanov. 1997. Petrological and geochemical characteristics of the lignites from Gabrovitza deposit - Sofia coal province. *Rev. Bulg. Geol. Soc.* vol. 58, part 2, pp. 123-130. (in Bulgarian, abstract in English).
- Kortenski, J., K. Popov. 1998. Occurrence and distribution of the major elements in Neogene lignites from the Sofia Basin. *Rev. Bulg. Geol. Soc.* vol. 59, part 3, pp. 155-163.
- Kortenski, J., K. Popov, A. Kупenov. 1999. Mineral-geochemical characteristics of the lignites from Stanyantzi Basin and comparison with the rest basins of the Sofia coal province. *Annual of the University of Mining and Geology, Sofia*, vol. 42, part 1 Geology, pp. 59-64 (in Bulgarian, abstract in English)
- Kortenski, J., K. Popov, I. Kostova. 1999. Distribution of chalcophile elements in the coal from VI seam – Kachulka Mine, Balkan Basin. *Rev. Bulg. Geol. Soc.* vol. 60, part 1-3, pp. 83-91. (in Bulgarian, abstract in English)
- Iliev K., A. Pavlova, K. Popov. 1999. Preprocessing and data analysis from airplane experiment with CCD digital camera – project “KOSAM”. In: “30 years organized space investigation in Bulgaria”. Space Research Institute – Bulgarian Academy of Sciences, Sofia, pp. 170-173 (in Bulgarian)
- Popov, P., K. Popov. 2000. General Geologic and Metallogenic Features of the Panagyurishte Ore Region. In: Strashimirov, S. & P. Popov (eds.), *Geology and Metallogeny of the Panagyurishte Ore Region (Srednogie Zone, Bulgaria)*. ABCD-GEODE 2000 workshop, guide to excursions A and C, 1-7.
- Tsonev, D., K. Bogdanov, K. Popov. 2000. The volcanic-hosted sulphide (VHS) deposits from the southern part of the Panagyurishte ore region, Bulgaria. ABCD-GEODE 2000, Bulgaria, Abstracts, Sofia, 85.
- Tsonev, D., K. Popov, M. Kanazirski. 2000. Krasen-Petelovo Ore Field. In: Strashimirov, S. & P. Popov (eds.), *Geology and Metallogeny of the Panagyurishte Ore Region (Srednogie Zone, Bulgaria)*. ABCD-GEODE 2000 workshop, guide to excursions A and C, 26-31.
- Tsonev, D., K. Popov, M. Kanazirski, S. Strashimirov. 2000. Radka Ore Field. In: Strashimirov, S. & P. Popov (eds.), *Geology and Metallogeny of the Panagyurishte Ore Region (Srednogie Zone, Bulgaria)*. ABCD-GEODE 2000 workshop, guide to excursions A and C, 32-39.
- Popov, K. 2001. Porphyry Copper – Massive Sulphide System in the Radka Ore Field (Bulgaria). ABCD-GEODE 2001, Vata Bai, Romania, Abstracts volume, *Romanian Journal of Mineral Deposits* vol. 79, suppl. 2, 86-87.
- Popov, P., K. Popov. 2001. Prospecting of Mineral Deposits. Textbook, Publ. University of Mining and Geology “St. Ivan Rilski”, Sofia, ISBN 954-9748-37-5, pp. 183 (in Bulgarian).
- Popov, K. 2001. Geology of the Southern part of Panagyurishte Ore Region. *Ann. Univ. Min. Geol.*, vol. 43-44, part. I, 51-63.
- Popov, K. 2001. Porphyry Copper – Massive Sulphide System in the Radka Ore District (Bulgaria). *Ann. Univ. Min. Geol.*, vol. 43-44, part. I, 65-71.
- Popov, K. 2002. Geochemical Associations in Radka Ore District. *Ann. Univ. Min. Geol.*, vol. 45, part. I, 57-63.
- Popov, K., K. Rouskov, G. Georgiev. 2003. 3D geostatistical model of the copper ore body in Elatsite Deposit, Panagyurishte Ore Region. Final GEODE-ABCD (2003) Workshop, Abstracts, 47.
- Popov, K., K. Rouskov, G. Georgiev. 2003. 3D Geostatistical Model of the Ore Body in Elatsite Porphyry Copper Deposit, Panagyurishte Ore Region. *Ann. Univ. Min. Geol.*, vol. 46, part. I, 113-118.
- Popov, P., S. Strashimirov, K. Popov, R. Petrunov, M. Kanazirski, D. Tsonev. 2003. Main Features in Geology and Metallogeny of the Panagyurishte Ore Region. *Ann. Univ. Min. Geol.*, vol. 46, part. I, 119-125.
- Popov, P., S. Strashimirov, K. Popov. 2003. Geology and metallogeny of the Srednogie zone and Panagyurishte ore region. In: *Cretaceous Porphyry-Epithermal Systems of the Srednogie Zone, Bulgaria*. SEG Guidebook series, vol. 36, 7-26.
- Strashimirov, S., K. Bogdanov, K. Popov, R. Kehayov. 2003. Porphyry systems of the Panagyurishte ore region. In: *Cretaceous Porphyry-Epithermal Systems of the Srednogie Zone, Bulgaria*. SEG Guidebook series, vol. 36, 47-78.
- Bogdanov, K., K. Popov. 2003. The Cu-Au epithermal systems in the southern part of the Panagyurishte ore region. In: *Cretaceous Porphyry-Epithermal Systems of the Srednogie Zone, Bulgaria*. SEG Guidebook series, vol. 36, 91-114.
- Popov, K. 2003. Geology and Geochemical Models in the Radka Ore Field, Panagyurishte Ore Region. Doctoral thesis, UMG Sofia, vol I, pp. 182 (in Bulgarian).
- Popov, K. 2003. Geology and Geochemical Models in the Radka Ore Field, Panagyurishte Ore Region. Autoreferat, UMG Sofia, pp. 32 (in Bulgarian).
- Lips, A., R. Herrington, G. Stein, D. Kozelj, K. Popov, J. Wijbrans. 2004. Refined Timing of Porphyry Copper Formation in the Serbian and Bulgarian Portions of the Cretaceous Carpatho-Balkan Belt. *Economic Geology*, vol. 99, pp. 601-609.
- Popov, K., G. Georgiev. 2004. Primary Geochemical Halo of “Elatsite” Porphyry Copper Deposit. *Ann. Univ. Min. Geol.*, vol. 47, part. I, 119-124.
- Bogdanov, K., D. Tsonev, K. Popov. 2004. Mineral Assemblages And Genesis Of The Cu-Au Epithermal Deposits In the Southern Part of the Panagyurishte Ore District, Bulgaria. In: 10th International Congress of the Geological Society of Greece, 15-17 April 2004 Thessaloniki. Extended Abstracts, 356-357.
- Bogdanov, K., D. Tsonev, K. Popov. 2004. Mineral Assemblages and Genesis of the Cu-Au Epithermal Deposits in the Southern Part of the Panagyurishte Ore District, Bulgaria. *Bulletin of the Geological Society of Greece* vol. XXXVI 2004, Proceedings of the 10th International Congress of the Geological Society of Greece, Thessaloniki April 15 - 17, 2004, 406-415.
- Popov, K. 2005. Lithostratigraphy of the Late Cretaceous Rocks in the Panagyurishte Ore Region. *Ann. Univ. Min. Geol.*, vol. 48, part. I, 101-114.
- Rouskov, K., K. Popov, S. Stoykov, Y. Yamaguchi. 2005. Some Applications Of The Remote Sensing In Geology By Using Of ASTER Images. In: “Scientific Conference with International Participation SPACE, ECOLOGY, SAFETY”, 10-13 June 2005, Varna, Bulgaria, Book I, 167-173.
- Stoykov, S., K. Rouskov, Janko Gergikov, K. Popov. 2006. Photogeological Interpretation of Satellite Images. In: “Second Scientific Conference with International Participation SPACE, ECOLOGY, NANOTECHNOLOGY, SAFETY”, 14-16 June 2006, Varna, Bulgaria, Book I, ?-?.
- Popov, K. 2007. Course on Geographic Information Systems. Publ. University of Mining and Geology “St. Ivan Rilski”, Sofia, ISBN 978-954-353-063-2, 128 p. (in Bulgarian).
- Bakardjiev, S., K. Popov, D. Bakardjiev, K. Rouskov. 2011. Using the M-factorial kriging for reduce nonstationary effects affecting to spatial data. *Ann. Univ. Min. Geol.*, ISSN 1312-1820, vol. 54, part. I, 15-20. (in Bulgarian).
- Popov, K. 2011. Recognition of the Panagyurishte Ring Morphostructure by satellite stereo-images. *Ann. Univ. Min. Geol.*, ISSN 1312-1820, vol. 54, part. I, 81-88.
- Popov, P., S. Strashimirov, K. Popov, M. Kanazirski, K. Bogdanov, R. Radichev, S. Dimovski, S. Stoykov. 2012. Geology and Metallogeny of the Panagyurishte Ore Region. Publ. University of Mining and Geology “St. Ivan Rilski”, Sofia, ISBN 978-954-353-181-3, pp. 228 (in Bulgarian with extended English summary).

- Popov, K. 2012. Exercises on Geographic Information Systems. University of Mining and Geology "St. Ivan Rilski", Sofia, electronic format, 89 p. (in Bulgarian).
- Popov, K. 2013. Exercises on Remote Sensing Methods in Geology. University of Mining and Geology, Sofia, electronic format, 92 p. (in Bulgarian).
- Bakardjiev, D., K. Popov. 2014. ASTER spectral band ratios for detection of hydrothermal alterations and ore deposits in the Panagyurishte Ore Region, Central Srednogie (Resume). Bulg. Geol. Soc. Nat. Conf. "Geosciences 2014", 75-76.
- Popov, K., D. Bakardjiev. 2014. Identification of Hydrothermal Alteration Areas in the Panagyurishte Ore Region by Satellite ASTER Spectral Data. Comp. rend. l'Acad. bulg. Sci., 67, 11, 1547-1554.
- Bakardjiev, D., K. Popov. 2015. ASTER spectral band ratios for detection of hydrothermal alterations and ore deposits in the Panagyurishte Ore Region, Central Srednogie, Bulgaria. Rev. Bulg. Geol. Soc., vol. 76, 1, 79-88.
- Petrov, D., K. Popov. 2015. Correlations between elements in ores from the gold-copper deposit Chelopech, Bulgaria. Ann. Univ. Min. Geol., ISSN 1312-1820, vol. 58, part. I, 93-98.
- Popov, K., D. Velichkov, P. Popov. 2015. The post-collisional Upper Thracian Rift System (Bulgaria) and the formed exogenous uranium deposits. Part 1 – Lithostratigraphy and tectonic. Rev. Bulg. Geol. Soc., vol. 76, 2-3, 35-49.
- Popov, K., D. Velichkov, P. Popov. 2016. The post-collisional Upper Thracian Rift System (Bulgaria) and the formed exogenous uranium deposits. Part 2 – Metallogeny of the Upper Thracian Uranium Ore Region. Rev. Bulg. Geol. Soc., vol. 77, 1, 51-64.
- Popov, K. 2016. 3D Modelling of the Geochemical Associations in the Assarel Porphyry Copper Deposit (Bulgaria). Comp. rend. l'Acad. bulg. Sci., 69, 9, 1175-1182.
- Popov, P., K. Popov. 2017. The Uranium-Polymetallic Deposits in the Sliven-Tvarditsa Ore Region IN the West Balkan Metallogenic Zone, Bulgaria. Journal of Mining and Geological Sciences, Univ. Min. Geol., ISSN 2535-1176, vol. 60, part. I, 7-14.
- Popov, K. 2018. The Hercynian Collisional Metallogeny in Bulgaria. Journal of Mining and Geological Sciences, Univ. Min. Geol., ISSN 2535-1176, vol. 61, part I, 43-50.
- Marinov, I., N. Temelakiev, P. Doychev, K. Popov. 2018. Ore controlling factors at the gold-silver deposit Milin Kamak, Western Srednogie, Bulgaria. Rev. Bulg. Geol. Soc., vol. 79, 3, 125-126 (in Bulgarian with an English abstract).
- Popov, K., P. Popov. 2019. The Alpine late collisional Rila-Rhodope Metallogenic Zone of the Balkan Orogenic System. Rev. Bulg. Geol. Soc., vol. 80, 1, 55-79.
- Marinov, I., K. Popov, N. Temelakiev. 2019. Volcanic ring morphostructures in the Western Srednogie, Bulgaria. Journal of Mining and Geological Sciences, Univ. Min. Geol., vol. 62, part I, 5-10.
- Marinov, I., K. Popov, K. Ruskov, D. Nikolova. 2019. Factor analysis of the geochemical associations in Milin Kamak ore deposit, Bulgaria. Rev. Bulg. Geol. Soc., "GEOSCIENCES 2019", vol. 80, 3, 142-144.
- Marinov, I., K. Ruskov, K. Popov, N. Temelakiev. 2020. 3D implicit modelling of alteration rocks and lithological units in the Milin Kamak Au-Ag deposit: results and applications. Journal of Mining and Geological Sciences, Univ. Min. Geol., vol. 63, 226-321.
- Ruskov, K., I. Marinov, K. Popov. 2020. Application of dynamic anisotropy for the resource estimation improvement in Pisani Skali ore occurrence, Bulgaria. Rev. Bulg. Geol. Soc., "GEOSCIENCES 2020", vol. 81, 3, 172-174.
- Stavrev, M., K. Popov, K. Ruskov, S. Chavdarova, A. Hikov, I. Peytcheva. 2021. Spatial distribution of the geochemical associations in the Babyak Mo-Ag-Au-W-Bi-base metal deposit, Western Rhodopes (Bulgaria): application of factor analysis. Rev. Bulg. Geol. Soc., "GEOSCIENCES 2021", vol. 82, 3, 67-69.
- Popov, K., K. Ruskov, G. Zlatkov. 2021. Factor analysis of the geochemical associations in the Plavica ore deposit, Republic of North Macedonia. Rev. Bulg. Geol. Soc., "GEOSCIENCES 2021", vol. 82, 3, 144-146.
- Popov, P., K. Popov. 2022. Metallogeny of Bulgaria. Publ. BMGK Commerce EOOD, Sofia, ISBN 978-619-92104-0-6, pp. 426 (in Bulgarian with extended English summary).
- Popov, K. 2022. Exercises on Geographic Information Systems. Publ. University of Mining and Geology „St. Ivan Rilski“, Sofia, ISBN 978-954-353-450-0, pp. 89 (in Bulgarian).
- Popov, P., K. Popov. 2022. Lectures on Metallogeny. Publ. University of Mining and Geology „St. Ivan Rilski“, Sofia, ISBN 978-954-353-449-4, pp. 99 (in Bulgarian).
- Popov, K. 2022. Exercises on Remote Sensing Methods in Geology. Publ. University of Mining and Geology „St. Ivan Rilski“, Sofia, ISBN 978-954-353-451-7, pp. 133 (in Bulgarian).
- Popov, P., K. Popov. 2022. Metallogenic Evolution of Bulgaria. XXII International Congress of the CBGA, Plovdiv, Bulgaria, 7–11 September 2022, Abstracts, ISBN 978-619-91305-4-4, 197.
- Klimentov, S., K. Ruskov, K. Popov, I. Marinov. 2022. Factor analysis of the geochemical associations in Sedefche epithermal ore deposit, Bulgaria. XXII International Congress of the CBGA, Plovdiv, Bulgaria, 7–11 September 2022, Abstracts, ISBN 978-619-91305-4-4, 270.
- Klimentov, S., K. Ruskov, K. Popov, I. Marinov. 2023. Geochemical associations in the Sedefche ore deposit, Bulgaria. Ann. Univ. Min. Geol., vol. 66, 154-158. ISSN 2738-8808 (print), ISSN 2738-8816 (online), <https://doi.org/10.5281/zenodo.8334630>
- Popov, K. Hercynian Post-Collisional Metallogeny of Bulgaria. 2023. Ann. Univ. Min. Geol., vol. 66, 163-170, ISSN 2738-8808 (print), ISSN 2738-8816 (online), <https://doi.org/10.5281/zenodo.8334652>

SCIENTIFIC AND RESEARCH PROJECTS:

1. Geological-structural characteristic and perspective assessment of westren part of the Burgas synclinorium. Geofond Universiyt of Mining and Geology and "Geoprouchvane" Yambol. 1988 - 1990.
2. Metalogeny of the Banatian-Srednogorian zone. Teamwork with the Faculty of Mining and Geology, University of Belgrade, Yugoslavia, 1989 – 1994.
3. Comparative analysis of the porphyry copper deposits in Panagyurishte ore district, Bulgaria and Buchim ore district, Macedonia. Teamwork with the Faculty of Mining and Geology, University of Scopie, Macedonia, 1994 - 1997.
4. Prospecting and geological evaluation for copper and precious metals in the southern parts of Panagyurishte ore region, Bulgaria. Geofond 1991 - 1992.
5. Prospecting for copper and precious metals in the Radka and Krasen-Petelovo ore fields, Bulgaria. Geofond 1993 - 1995.
6. Plate Tectonic Aspects of the Alpine Metallogeny in the Carpatho-Balkan Region. UNESCO IGCP Project No 356, 1993 – 1998.

7. Development of Laboratory and Teaching Curricula for Remote Sensing Methods and Geographic Information Systems in Geology. TEMPUS (PHARE) Project S_JEP – 12342-97. 1997 – 2000.
8. Project “Combined Optico-electronical System for Aerospace monitoring (COSAM)” Space Research Institute – Bulgarian Academy of Sciences. 1999-2000.
9. Project “RAPIDS” – joint Bulgarian-Netherlands project-demonstration for satellite imagery applications in defense and civil fields, organized from Bulgarian and Dutch Ministries of Defense, Space Research Institute at Bulgarian Academy of Sciences and NLR (Dutch National Aerospace Laboratory). 2000.
10. Application of aerospace information for the development of cadastral plans and updating of topographic maps. Bulgarian Ministry of Defence. 2000.
11. Application of aerospace information for generation of real 3D relief models for the development of training and simulation systems. Bulgarian Ministry of Defence. 2000.
12. Natural System for Training of Public Administration in Ecological Management of Natural Resources. TEMPUS (PHARE) Project IP_JEP – 13203-98. 1998 – 2002.
13. Modernization and compatibility of marine navigation map production with the requirements of NATO and International Hydrographic Organization. Bulgarian Ministry of Defence. 2002.
14. Metallogenic Geographic Information Systems for the ABCD (Alpine-Balkan-Carpathian-Dinaride) region. GEODE ABCD (GEodynamics and Ore Deposit Evolution) Project. 1999 - 2003.
15. Project “Mineral parageneses and ore body models in vein copper deposits from the Eastern Srednogorie”. GPF-36, 2003.
16. Project “Land Use” and “Land Use Change” (The City of Pazardjik) from GMES-GUS program of European Space Agency. 2004.
17. Project “Development of Laboratory for Remote Sensing and Geographic Information Systems” for equipment of laboratory at Faculty of Geology in University of Mining and Geology. In cooperation with Japan International Cooperation Agency (JICA). 2004-2005.
18. Project “Magmatism and ore-forming systems in Upper Cretaceous porphyry and epithermal deposits from the Srednogorie Zone (Bulgaria) and Artvino-Bolniska Zone (Georgia). National Fund Scientific Research in Bulgaria. Project - H3-1412. 1846-НМС, UMG. 2005.
19. Cassard, D., J.-M. Leistel, A. L. W. Lips, G. Stein. Metallogenic map of Central and Southeastern Europe: An extract from GIS Central Europe. BRGM/EP-54703-FR, 173 p., 9 Fig., 4 Tables, 5 Appendices, 1 map (full-page plate), 2008.
20. Project “Metallogenic map of Bulgaria in scale 1:500 000”, financed by the Ministry of Environment and Waters. 2009.
21. Project “Remote Sensing Methods in Geology – using of multispectral images on the example of the Burgas Ore Field”. GPF-118, 2008.
22. Project “Remote Sensing Methods in Geology – using of high-resolution multispectral images, Digital terrain model, Simulations”. GPF-124, 2009.
23. Project “Remote Sensing Methods in Geology – using of high-resolution multispectral images on the example of the Central Srednogorie”. GPF-134, 2010.
24. Project “Multispectral and statistical methods for determination of rare and scattered elements in different types of mineral and energy raw materials. GPF-156, 2011.
25. Project “Development of Web-based system/portal for information servicing” according Procedure “Development of new and strengthening of existing offices for technological transfer” from Operational Program “Development of the Competitiveness of Bulgarian Economy” 2007-2013 of the Project “Strengthening and expanding of the Office for aerospace technology transfer in the field of citizens health protection during disasters”. 2014.
26. Project “EO Monitoring for better Water Management and Flood Prevention in BG”. RSICS and TAKT-IKI (BAS), funded by the Government of Bulgaria through an ESA Contract No. 4000118048/16/NL/NDe under the PECS (Plan for European Cooperating States). 2017-2018.
27. Copernicus Hackathon Sofia. Copernicus Hackathon Sofia is part of the Copernicus initiative, designed to stimulate new Start-up, Scale-up, Technology Transfer & Innovation-based business ideas. The themes for the Hackathon represented the following areas: Emergency management, Environmental protection, Marine and coastal monitoring, Precision agriculture. <https://hackathon.rst-tto.com/>. 2019.
28. Sinyovski, D., K. Popov, M. Stefanova, P. Koleva, H. Georgieva. Creation of a thematic museum collection and visual materials for the development of the Sofia Pliocene Basin. Contract GPF-232/23.06.2020.
29. Popov, K., K. Ruskov, D. Nikolova, I. Marios, S. Kostadinov, B. Chaush. Geochemical features and comparison with the mineral composition in the Milin Kamak deposit, Western Central Srednogorie. Contract GPF-236/09.05.2022.
30. HORIZON 2020: GREENING THE ECONOMY IN LINE WITH THE SUSTAINABLE DEVELOPMENT GOALS • Project „Earth observation and Earth GNSS data acquisition and processing platform for safe, sustainable and cost-efficient mining operations (GOLDENEYE)“, 2023.
31. Ruskov, K., K. Popov, S. Stoykov, D. Nikolova, D. Yovchev, R. Apostolova, S. Klimentov. Geochemical characteristics and mineral composition in Obichnik and Sedefche deposits, Eastern Rhodopes. Contract GPF-247/10.05.2023.