

## 6 REFERENCES

- Ahti, T., Hämet-Ahti, L., Jalas, J., 1968.** Vegetation zones and their sections in northwestern Europe. *Annales Botanica Fennica*, 5(3), 169-211.
- Äyräs, M. and Reimann, C., 1995.** Joint ecogeochemical mapping and monitoring in the scale of 1:1 mill. In the West Murmansk Region and contiguous areas of Finland and Norway – 1994-1996. Field Manual. Norges Geolokiske Underspkelse Report 95.111, 33p.
- Beljaev, G.M., Burde, B.I., Golovin, A.A., Morozova, I.A., 1991.** Kontheptia mnogothelevogo geochimicheskogo kartirovanija v SSSR v masshtabe 1:1,000,000-1:200,000-1:50,000 (in Russian). IMGRE, Mosva. [Conception of multi-purpose geochemical mapping in USSR in the scale of 1:1,000,000-1:200,000-1:50,000. IMGRE, Moscow]
- Bølviken, B., Bergström, J., Björklund, A., Kontio, M., Lehmuspelto, P., Lindholm, T., Magnusson, J., Ottesen, R.T., Steenfelt, A., Volden, T., 1986.** Geochemical Atlas of Northern Fennoscandia. Scale 1:4,000,000. Mapped by the Geological Surveys of Finland, Norway and Sweden in co-operation with Swedish Geological Co. and the Geoloigcal Survey of Greenland, Uppsala-Espoo-Trondheim. Korsnäs Offset Kb., Korsnäs, 19 pages, 155 maps.
- Buse, A., Noris, D., Harmens, H. Büker, P. Ashenden, T. and Mills, G., 2003.** Heavy metals in European mosses: 2000/2001 survey. CEH Bangor, University of Wales, UK.
- David, M., 1977.** Geostatistical ore reserve estimation, Elsevier, Netherland.
- Eilu, P., Hallberg, A., Bergmann, T., Feoktistov, V., Korsakova, M., Krasotkin, S., Kuosmanen, E., Lampio, E., Litvinenko, V., Nurmi, P.A., Often, M., Philippov, N., Sandstad, J.S., Stromov, V., Tontti, M., 2008.** Metallic Mineral Deposits Map of the Fennoscandian Shield, 1:2,000,000 (GTK, NGU, SGU, FAUMR MNR RF). Espoo, Finland.
- Eriksson, J., Andersson, A., Andersson, R., 1997.** Tillståndet i svensk åkermark. Swedish EPA report 4778. In Swedish with summary in English.
- ESRI, 1996.** ArcAtlas: Our Earth, ESRI, USA.
- ESRI, 2002.** World Wildlife Fund Terrestrial Ecoregions, Environmental Systems Research Institute (ESRI).
- FAO, 1988.** FAO-UNESCO Soil Map of the World: Revised Legend. FAO, Rome.
- Fridland, V.M. (Ed.), 1988.** Pochvennaya karta RSFSR (in Russian). 1:2,500,000. Glavnoe upravlenie geodezii i kartografii pri Sovetye Ministrov SSSR, Moskva. [Soil Map of Russian Federation. 1:2,500,000. Moscow].
- Frietsch, R., Papunen, H., Vokes, F.M., 1979.** The Ore Deposits in Finland, Norway and Sweden - a Review. *Economic Geology*, 74(5), 975-1001.
- Gagarina, E.J., Matinjan, N.N., Schastnaya, L.S., Kasatkina G.A., 1995.** Pochvy i pochvennyi pokrov severo-zapada Rossii (in Russian). Sankt-Peterburgskii Gosudarstvennyi Universitet, Sankt-Peterburg. [Soils and soil cover of northwestern Russia. State University of St. Petersburg, St. Petersburg], 236 pp.
- Gegorauskiene, V., Salminen, R., Reimann, C., Chekushin V., 2000.** Field Manual for Barents Ecogeochemistry project. Geological Survey of Finland, Report S/44/0000/2/2000, 52 p.
- Gilucis, A. and Segliņš, V., 2003.** Latvijas ģeoķīmijas atlants. Augšņu ģeoķīmiskās kartes. Valsts ģeoloģijas dienests, Rīga (in Latvian). [Geochemical Atlas of Latvia. The Geochemical Mapping of Soil. State Geological Survey of Latvia, Riga], 109 p.
- Ignatenko, I.V., 1979.** Pochvy vostochnoevropeskoy tundry i lesotundry (in Russian). Nauka, Moskva. [Soils of East-European tundra and forest tundra. Nauka, Moscow], 280 p.
- IMGRE, 1999.** Trebovanija k proizvodstvu I reziul'tatam mnogotselovogo geohimicheskogo kartirovanija masshtaba 1:1,000,000 (in Russian). IMGRE, Moskva. [Instruction for the multi-purpose geochemical mapping in the scale of 1:1,000,000. Moscow, IMGRE, 1999], 235 p.
- IMGRE, 2001.** Trebovanija k geohimicheskoi osnove gosudarstvennoi geologicheskoj karty RF masshtaba 1:1,000,000 (in Russian). IMGRE, Moskva. [Instruction for geochemical basic map for State Geological Map of RF in the scale of 1:1,000,000. IMGRE, Moscow, 2001], 32 p.
- IMGRE, 2002.** Tehnologija prognoznoi otsenki metallogenicheskikh zon, rudnyh paionov I uzlov pri MGHK-1000 I MGHK-200. Metogiieskie rekomendatsii (in Russian). IMGRE, Moskva. [Technology of prognosis assessment of metallogenic zones, ore districts and knots by MGCHM-1000 and MGCHM-200, Methodical recommendations. IMGRE, Moscow, 2002], 159 p.
- Isachenko, T.I., Lavrenco, Y.E. (Eds.), 1974.** Karta rastitel'nosti Evropeiskoy chasti SSSR (in Russian). 1:2,500,000. Botanicheskiy institut AN SSSR. [Vegetation map of European part of USSR. 1:2,500,000. Botanical Institute of USSR].
- Ivanov, V.V., 1996.** Ekologicheskaja geochimia elementov (in Russian). Ekologia, kn. 1-6, Moslva. [Environmental Geochemistry of Elements. Ecology, 1-6, Moscow].
- Kadunas V., Budavičius R., Gregorauskiene V., Katinas V., Kliaugiene E., Radzevičius A., Taraskevičius R., 1999.** Lietuvos geocheminis atlasas-Geochemical Atlas of Lithuania. Lietuvos geologijos tarnyba, Geologijos institutas, Vilnius. 252 pages, 18 tables, 162 maps. ISBN 9986-623-26-X72.
- Kaurichev, I.S. and Gromyko, I.D. (Eds.), 1974.** Atlas pochv SSSR (in Russian). Kolos, Moskva. [Atlas of soils in USSR. Publishing house "Kolos", Moscow], 136 p.
- Koistinen, T., Stephens, M.B., Bogatchev, V., Nordgulen, O., Wenersstrom, M. and Korhonen, J., 2001.** Geological map of the Fennoscandian Shield, scale 1:2,000,000. Geological Surveys of Finland,

- Norway and Sweden and North-West Department of Natural Resources of Russian Federation.
- Koljonen, T. (Ed.), 1992.** Suomen geokemian atlas, osa 2 moreeni. - The Geochemical Atlas of Finland, Part 2 - Till. Geological Survey of Finland, Espoo, 218 p.
- Kolosova L.N. (Ed.), 1980.** Geographicheskii Atlas SSSR (in Russian). Moskva. [Geographical Atlas of SSSR, Moscow].
- Korovkin, V.A., Turyleva, L.V., Rudenko, D.G., Zhuravlev, V.A., Kljuchnikova, G.N., 2003.** "Nedra Severozapada Rossiickoi Federathii" (in Russian). St.-Peterburg. [Earth Interior of North-West of Russian Federation, St-Petersburg, 2003], 520 pp.
- Kozlovsky E.A. (Ed.), 1981.** "Gornay encticlopedia" (in Russian). Moskva. [Mining encyclopaedia, Moscow]
- Krainov, S.R., 1980.** Osnovy geochimiy podzemnyh vod (in Russian), Moskva, Nedra. [Basics of geochemistry of ground water, Moscow, Nedra, 1980], 285 p.
- Lahermo, P., Väänänen, P., Tarvainen, T., Salminen, R., 1996.** Suomen geokemian atlas. Osa 3 : Ympäristögeokemia - purovedet ja -sedimentit - Geochemical atlas of Finland. Part 3 : Environmental geochemistry - stream waters and sediments. Espoo: Geologian tutkimuskeskus. 149 p.
- Lax, K. and Selinus, O., 2005.** Geochemical mapping at the Geological Survey of Sweden Geochemistry - Exploration, Environment, Analysis, 5(4), 337-346.
- Minzdrav of Russia, 2002.** Sanitarno-epidemiologicheskie pravila i normativy SanPiN 2.1.4.1074-01, 2002 (in Russian). Minzdrav Rossii, Moscva. [Sanitary-epidemiological rules and standards SanRandS 2.1.4 1074-01, Minzdrav of Russia, Moscow,], 53 p.
- Moscow State University, 1984.** Pochvenno-geologicheskie yslovia nechernozemnoy zony (in Russia). Gosudarstvennyi Moskovskii Universitet, 1984. [Soil-geological conditions of nonchernozem zone. Sate University of Moscow, Moscow], 608 p.
- Nauka, 1980.** Rastitelnost' Evropeiskoy chasti SSSR (in Russian). Nauka, Leningrad, 1980. [Vegetation of European part of USSR. Nauka, Leningrad, 1980], 429 p.
- Njåstad, O., Steinnes, E., Bølviken, B., Ødegård, M., 1994.** Landsomfattende kartlegging av elementsammensetning i naturlig jord: Resultater fra prøver innsamlet i 1977 og 1985 oppnådd ved ICP emisjonsspektroskopi. NGU rapport 94.027. 114 p. (in Norwegian). [Nationwide mapping of element composition in natural soils].
- Ottesen R.T., Bogen J., Bølviken B., Volden T., Haugland T., 2000.** Geokjemisk atlas for Norge, del 1: Kjemisk sammensetning av flomsedimenter. - Geochemical atlas of Norway. Part 1: Chemical composition of overbank sediments. Geological Survey of Norway, Trondheim, 140 p. (in Norwegian with English summary)
- Petersel V., Ressar H., Carlsson M., Mõtus V., Enel M., Mardla A., Täht K., 1997.** Eesti mulla huumushorisoni geokeemilie atlas. - The geochemical atlas of the Humus horizon of Estonian soil, Eesti Geoloogiakeskus 1997. 112 p.
- Rassmusen, K., Sippola, J., Urvas, L., Leg, J., Troeddson, T., Wiberg, M., 1989.** Soil Map of Denmark, Finland, Norway and Sweden. 1:2,000,000. Landsbruksforslaget, Oslo.
- Reimann, C., Äyräs, M., Chekushin, V., Boyd, R., Caritat, P. de, Dutter, R., Finne, T.E., Halleraker, J.H., Jæger, Ø., Kashulina, G., Lehto, O., Niskavaara, H., Pavlov, V., Räisänen M.L., Strand T. and Volden, T., 1998.** Environmental Geochemical Atlas of the Central Barents Region. NGU-GTK-CKE, Trondheim, 745 p.
- Reimann, C., Siewers, U., Tarvainen, T., Bitjukova, L., Eriksson, J., Gilucis, A., Gregorauskiene, V., Lukashev, V.K., Matinian, N.N. and Pasieczna, A., 2003.** Agricultural Soils in Northern Europe: A Geochemical Atlas. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 279 p.
- Salminen, R., Batista, M.J., Bidovec, M., Demetriades, A., De Vivo, B., De Vos, W., Gilucis, A., Gregorauskiene, V., Halamic, J., Heitzmann, P., Lima, A., Jordan, G., Klaver, G., Klein, P., Lis, J., Locutura, J., Marsina, K., Maxrecu, A., O'Connor, P.J., Olsson, S.A., Ottesen, R.-T., Petersell, V., Plant, J.A., Reeder, S., Salpeteur, I., Sandstrom, H., Siewers, U., Steenfelt, A., Tarvainen, T., 2005.** Geochemical Atlas of Europe, Part 1. Geological Survey of Finland, Espoo, 526 p.
- Salminen, R., Chekushin, V., Tenhola, M., Bogatyrev, I., Glavatskikh, S., Fedotova, E., Gregorauskiene, V., Kashulina, G., Niskavaara, H., Polischuk, A., Rissanen, K., Selenok, L., Tomilina, O. and Zhdanova, L., 2004.** Geochemical Atlas of Eastern Barents Region. Elsevier, Amsterdam, 548 p.
- Sigmond, Ellen M. O., 2002:** Geological Map, Land and Sea Areas of Northern Europe, Scale 1: 4 million, Geological Survey of Norway.
- Tihonov, V.A., 1989.** O koljthevoi metallogenicheskoi zonalnosti dokembriiskih platform. Sovetskaja geologija, №2, 1989, str. 26-31 (in Russian). [About annular metallogenic zonality of Precambrian platform. Soviet Geology, 2, 26-31].
- VSEGEI, 2003.** GIS-Atlas kart geologicheskogo coderzhanija v masshtabe 1:000 000 Severo-Zapadnogo Federal'nogo Okruga, VEGEI, S.-Peterburg, 12 knig (in Russian). [GIS-Atlas of the maps of geological content in the scale of 1:1,000,000 of NW Federal Okrug, VSEGEI, St-Petersburg, 2003].
- WRB, 1998.** World Reference Base for Soil Resources, FAO, ISRIC and ISSS, Rome, 161 p.
- Zaboyeva, I.V., 1975.** Pochvy I pochvennye resurecy Komi ASSR (in Russian). Syktyvkar, Respublica Komi. [Soils and soil resources of Komi Republic, Syktyvkar], 344 p.
- Zandler, V.N., Tomashunas, Y.I., Berkovskiy, A.N., Suvorova, L.V., Dedeev, V.A., Kratts, K.O., 1967.** Geologicheskoe stroenie fundamenta Russkoy plity (in Russian). [Geology of basement of the Russian plate. Nedra, Leningrad], 123 p.