

- Vorob'ev, A.E. and Gulan, E.A. (2005): Tipizatsiya vozdeystviy nakopiteley otkhodov rudoobogashcheniya na komponenty prirodnoy sredy [Classification of effects of ore-dressing waste accumulators on the constituents of the natural environment]. Narodnoe khozyaystvo Respubliki Komi: nauch.-tekhn. zhurn. 14, 3.2, 582–585. (in Russian)
- Vorob'ev, A.E., Kamchybekov, D.K. and Drebenshtedt, K. (2010): Ugolnaya promyshlennost' Kyrgyzstana: perspektivy restrukturalizatsii i razvitiya [Kyrgyzstan coal industry: restructuring and development prospects]. RF President's Office, Moscow, 287 p. (in Russian)
- Vorob'ev, A.E., Moldabaeva, G.Zh. and Chekushina, E.V. (2011): Nauchnyy analiz mirovykh zapasov akvalnykh zalezhey gazogidratov [Scientific analysis of world reserves of the aquatic gas hydrate deposits]. Vestnik KazNTU 6, 88, 65–70. (in Russian)
- Vorob'ev, A.E., Tulegenova, O.Sh. and Kaukenova, A.S. (2013a): Nauchnaya sostavlyayushchaya industrialno-innovatsionnogo razvitiya gosudarstva [Scientific component of the industrial-innovative state development]. AIOG, Atyrau (Kazakhstan), 210 p. (in Russian)
- Vorob'ev, A.E., Vercheba, A.A. and Kaukenova, A.S. (2013b): Metodologiya proektirovaniya innovatsionnykh nauchnykh issledovaniy i formirovaniya tekhnologicheskikh platform [Design methodology of innovative scientific research and formation of technological platforms]. MGEI-RSGEU, Moscow, 119 p. (in Russian)
- Gornodobyvayushchiy sektor Avstralii v krizise [Mining sector of Australia is in crisis]. Gold.ru, 28 June 2013. (in Russian) URL: <http://gold.ru/news/gornodobyvayushchiy-sektor-avstralii-v-krizise.html> (accessed 14th June 2016)
- Kondratyev, V.B. (2012): Globalnaya gornodobyvayushchaya promyshlennost' [Global mining industry]. 16 October 2012. (in Russian) URL: <http://forum.polismi.org/index.php/?topic/3454-%D0%B3%D0%BB%D0%BE%D0%B1%D0%B0%D0%BB%D1%8C%D0%BD%D0%B0%D1%8F-%D0%B3%D0%BE%D1%80%D0%BD%D0%BE%D0%B4%D0%BE%D0%B1%D1%8B%D0%B2%D0%B0%D1%8E%D1%89%D0%B0%D1%8F-%D0%BF%D1%80%D0%BE%D0%BC%D1%8B%D1%88%D0%BB%D0%B5%D0%BD%D0%BD%D0%BE%D1%81%D1%82%D1%8C> (accessed 14th June 2016)
- Mirovye gornodobyvayushchie kompanii perezhivayut krizis [Global mining companies go through a crisis]. Vesti Finance, 27 June 2014. (in Russian) URL: <http://www.vesti-finance.ru/articles/44382> (accessed 14th June 2016)
- Strategiya razvitiya proizvodstva OAO "GMK "Noril'skiy nikel" na Taymyrskom i Kolskom poluostrovakh do 2015 [Norilsk Nickel: industry development strategy on the the Taymyr and Kola peninsulas]. 24 April 2003. (in Russian) URL: <http://infogeo.ru/metalls/news/?act=show&news=335> (accessed 14th June 2016)
- V proizvodstvennom obedinenii obogatitelnykh fabrik Zapol'yarnogo filiala nachalas masshtabnaya rekonstruktsiya Talnakhskoy obogatitelnoy fabрики [Industrial alliance of the JSC GMK Norilsk Nickel Polar Division has started a large-scale reconstruction of the Talnakh ore-dressing factory]. Mediaservice Sdelka, 4 April 2014. (in Russian) URL: http://mssdelka.ru/news/v_proizvodstvennom_obedinenii_obogatitelnykh_fabrik_zapol'yarnogo_filiala_nachalas_masshtabnaya_rekonstruktsiya_talnakhskoy_obogatitelnoy_fabрики/2014-04-04-3258 (accessed 14th June 2016)

Internet sources

Anglo American Plc., vtoraya po velichine gornodobyvayushchaya kompaniya, Minus 19 000 rabotnikov [Anglo American Plc., the second largest mining company, Minus 19 000 employees]. Infocrisis.ru special project. (in Russian) URL: <http://www.infocrisis.ru/sokratili/722.html> (accessed 14th June 2016)

SAŽETAK

Ruska nacionalna tehnologijska inicijativa u području uporabe mineralnih resursa

Poboljšanje operativne učinkovitosti ruske tvrtke MMC Norilsk postići će se većom uključenošću u proizvodnju kako geogenskih, tj. prirodno nastalih, izvanbilančnih rezervi, tako i nakupljenih mineralnih sirovina tehnološkoga podrijetla, uglavnom na različitim odlagalištima. Predložen je složen program tehnološke inicijative u domeni uporabe mineralnih resursa te donošenje prikladnih mjera za razvoj rudnika i metalurgije općenito.

Ključne riječi

upravljanje potpovršinskim resursima, materijalna (mineralna) sirovinska baza, postupak obogaćivanja, rudarsko pridobivanje