

- Geotechnical Engineering: Geotechnology in Harmony with the Global Environment*. 2005. Pp. 1761–1764.
12. Xu J., Niu F.-J., Niu Y.-H., Lin Z.-J., Xu Z.-Y. The design parameters of roadbed with insulation in seasonal frozen ground. *Journal of Civil, Architectural and Environmental Engineering*. No. 31(3). Pp. 83–89.
 13. Edgar T., Potter C., Mathis R. Frost Heave Mitigation Using Polymer Injection and Frost Depth Prediction. *Proceedings of the International Conference on Cold Regions Engineering*. 2015. Pp. 416–427.
 14. Liu G., Zhang B. Experimental study on the thermal conductivity of light soil mixed with EPS particles. *5th Asian Regional Conference on Geosynthetics: Geosynthetics for Sustainable Adaptation to Climate Change*. 2012. Pp. 463–466.
 15. Ivanov K.S. Novyy izolyatsionnyy material dlya termostabilizatsii gruntov [New insulating material for thermostabilization of soils]. *Kriosfera Zemli*. 2011. No. 4. Pp. 120–122. (rus)
 16. Korotkov Ye.A., Ivanov K.S. Penosteklo v dorozhnom stroitelstve – novoye napravleniye ispolzovaniya materiala [Foam glass in road construction - a new direction of using the material]. *Vestnik Moskovskogo avtomobilno-dorozhnogo gosudarstvennogo tekhnicheskogo universiteta (MADI)*. 2016. No. 1(44). Pp. 87–97. (rus)
 17. Ivanov K.S., Korotkov E.A. Investigation of the effect of a layer of granulated foam-glass ceramics on the temperature conditions of frozen soil. *Soil Mechanics and Foundation Engineering*. 2017. Vol. 54. No. 5. Pp. 349–355.
 18. Korotkov Ye.A., Ivanov K.S., Patkina I.A. Granulirovanny teploizolyatsionnyy material na osnove opalovogo syrya dlya ustroystva morozozashchitnykh sloev dorozhnoy odezhdyy [Granular heat-insulating material on the basis of opal raw material for the device of frost protection layers of pavement]. *Vestnik SIBADI*. 2015. No. 6(46). Pp. 65–70.
 19. Korotkov Ye.A., Konstantinov A.O., Smirnov P.V., Ivanov K.S. Yevropeyskiy opyt primeneniya penostekla v dorozhnom stroitelstve. Perspektivy ispolzovaniya analogichnykh materialov v Rossiyskoy Federatsii [European experience in the use of foam glass in road construction. Prospects for the use of similar materials in the Russian Federation]. *Nauchnyye problemy transporta Sibiri i Dalnego Vostoka*. 2015. No. 1. Pp. 58–61. (rus)
 20. Nevzorov A.L., Korshunov A.A., Churkin S.V. Metody otsenki puchinistosti gruntov s ispolzovaniyem sovremennykh priborov [Methods for estimating the soils of soils using modern instruments]. *Inzheneryye izyskaniya*. 2013. No. 5. Pp. 52–56.
 - of the 16th International Conference on Soil Mechanics and Geotechnical Engineering: Geotechnology in Harmony with the Global Environment. 2005. Pp. 1761–1764.
 21. Xu J., Niu F.-J., Niu Y.-H., Lin Z.-J., Xu Z.-Y. The design parameters of roadbed with insulation in seasonal frozen ground // *Journal of Civil, Architectural and Environmental Engineering*. No. 31(3). Pp. 83–89.
 22. Edgar T., Potter C., Mathis R. Frost Heave Mitigation Using Polymer Injection and Frost Depth Prediction // *Proceedings of the International Conference on Cold Regions Engineering*. 2015. Pp. 416–427.
 23. Liu G., Zhang B. Experimental study on the thermal conductivity of light soil mixed with EPS particles // *5th Asian Regional Conference on Geosynthetics: Geosynthetics for Sustainable Adaptation to Climate Change*. 2012. Pp. 463–466.
 24. Иванов К.С. Новый изоляционный материал для термостабилизации грунтов // *Криосфера Земли*. 2011. № 4. С. 120–122.
 25. Коротков Е.А., Иванов К.С. Пеностекло в дорожном строительстве – новое направление использования материала // *Вестник Московского автомобильно-дорожного государственного технического университета (МАДИ)*. 2016. № 1(44). С. 87–97.
 26. Ivanov K.S., Korotkov E.A. Investigation of the effect of a layer of granulated foam-glass ceramics on the temperature conditions of frozen soil // *Soil Mechanics and Foundation Engineering*. 2017. Vol. 54. No. 5. Pp. 349–355.
 27. Коротков Е.А., Иванов К.С., Паткина И.А. Гранулированный теплоизоляционный материал на основе опалового сырья для устройства морозозащитных слоёв дорожной одежды // *Вестник СИБАДИ*. 2015. № 6(46). С. 65–70.
 28. Коротков Е.А., Константинов А.О., Смирнов П.В., Иванов К.С. Европейский опыт применения пеностекла в дорожном строительстве. Перспективы использования аналогичных материалов в Российской Федерации // *Научные проблемы транспорта Сибири и Дальнего Востока*. 2015. № 1. С. 58–61.
 29. Nevzorov A.L., Korshunov A.A., Churkin S.V. Metody otsenki puchinistosti gruntov s ispolzovaniyem sovremennykh priborov // *Inzheneryye izyskaniya*. 2013. No. 5.

Konstantin Ivanov,
+7(922)042-43-52; sillicium@bk.ru

Константин Сергеевич Иванов,
+7(922)042-43-52; эл. почта: sillicium@bk.ru

© Ivanov K.S., 2018