

List of Submitted Papers for TRANSOILCOLD2015, 27 June, 2015

No.	Topics	Status
Transoil-R-000	On accounting the solar radiation in calculation the temperature mode of the subgrade	Review completed, R1 Sent to SCAR
Transoil-C-001	Behavior Analysis of Pavement Structure of Subgrade Thaw Disengaging in Seasonal Frost Region	Reject
Transoil-C-002	Evaluation on creep models for frozen soils	Review completed, R1 Sent to SCAR
Transoil-C-003	Numerical analysis on applying special pavements to solve the frost heave diseases of high-speed railway roadbed in seasonal frozen ground regions	Review completed, R1 Sent to SCAR
Transoil-R-004	The account of features of natural-climatic conditions in the design of roads in Western Siberia	Review completed, R1 Sent to SCAR
Transoil-C-005	Influence of fines content on the anti-frost properties of coarse-grained soil	Review completed, R1 Sent to SCAR
Transoil-R-006	Technological monitoring of subgrade construction on high-temperature permafrost	Review completed, R1 Sent to SCAR
Transoil-C-007	Study on Different Types of semi-rigid base materials after Freeze-Thaw Cycles	Review completed, R1 Sent to SCAR
Transoil-C-008	The Effect of Changing Climate and Permafrost Environment on the Embankment of Qinghai-Tibet Railway and its Countermeasures	Review completed, R1 Sent to SCAR
Transoil-C-009	Experimental Research on Acoustic Wave Velocity of Frozen Soils during the Uniaxial Loading Process	Review completed, R1 Sent to SCAR
Transoil-C-010	Vibration Response Analysis of Frozen Soil under Mobile Track Loads	Review completed, R1 Sent to SCAR
Transoil-C-011	Refreezing of cast-in-place pile under various engineering conditions	Review completed, R1 Sent to SCAR
Transoil-C-012	Study on the Sunny-shady Slope Effect of the Subgrade of High-speed Railway in Seasonal Frozen Region	Review completed, R1 Sent to SCAR
Transoil-C-013	The Ground Temperature Monitoring of the Newly Constructed Gonghe-Yushu Highway with XPS Insulation Board in the Permafrost Region	Review completed, R1 Sent to SCAR
Transoil-C-014	Experimental Study of Effects of Non-uniformly Distributive Fine Soil on Mechanical Properties of Shenyang-Dandong Railway Coarse-Grained Soil	Review completed, R1 Sent to SCAR
Transoil-C-015	Research on the relationship between moisture migration and basic properties of saline soil in Seasonal Frozen Region in Da'an district, Western Jilin, Northeast China	Review completed, R1 Sent to SCAR
Transoil-C-016	Analysis of Temperature Field Characteristics Based on Subgrade Site Measurements of Harbin-Qiqihar High-speed Railway in the Deep Seasonal Permafrost Region	Review completed, R1 Sent to SCAR
Transoil-C-017	Experiment Study on Grain Size and Soluble Salt of the Saline Soil in Western Jilin Province	Review completed, R1 Sent to SCAR
Transoil-C-018	A study of the soil dispersivity in Qian'an, Western Jilin	Review completed, R1 Sent to SCAR
Transoil-C-019	Numerical Analysis on Allowed Frost Heave of Subgrade base on the Pavement Roughness Index	Review completed, R1 Sent to SCAR
Transoil-C-020	Monitoring and analysis of ground temperature and deformation within Qinghai-Tibet Highway subgrade in permafrost region	Review completed, R1 Sent to SCAR
Transoil-C-021	Finite element analysis on deformation of high embankment in heavy haul	Review completed,

	railway subjected to freeze-thaw cycles	R1 Sent to SCAR
Transoil-C-022	Probabilistic analysis of embankment slope stability in frozen ground regions based on random finite element method	Review completed, R1 Sent to SCAR
Transoil-R-023	The stress state of the thawed soil subgrade	Review completed, R1 Sent to SCAR
Transoil-C-024	Processes and Mechanisms of multi-collapse of loess roads in seasonally frozen ground regions: A review	Review completed, R1 Sent to SCAR
Transoil-C-025	Test on dynamic characteristics of subgrade of heavy-hual railway in cold region	Review completed, R1 Sent to SCAR
Transoil-C-026	Investigation of frost heave prevention using permeable subgrade structure	Review completed, R1 Sent to SCAR
Transoil-C-027	Investigation of monitoring system for high-speed railway subgrade frost heave	Review completed, R1 Sent to SCAR
Transoil-C-028	Investigation of subgrade frost-heave prevention with insulation layer for high-speed railway	Review completed, R1 Sent to SCAR
Transoil-C-029	A method used to determine the upper thermal boundary of subgrade based on boundary layer theory	Review completed, R1 Sent to SCAR
Transoil-R-030	On the Propagation of the Vibrations in Railway Subgrade by the Thawing of Seasonably Deep Frozen Soils	Review completed, R1 Sent to SCAR
Transoil-C-031	A Research on the Reliability of the System of Automation Monitoring of Embankment Deformation in Permafrost Regions along the Qinghai-Tibet Railway	Review completed, R1 Sent to SCAR
Transoil-R-032	Detection of Ground Ice Using Ground Penetrating Radar Method during Railroad Reconstruction	Review completed, R1 Sent to SCAR
Transoil-K-033	Strength and Stiffness Variation of Frozen Soils according to Confinement during Freezing	Review completed, R1 Sent to SCAR
Transoil-A-034	The experimental investigations of freezing soils at ground conditions of Astana	Review completed, R1 Sent to SCAR
Transoil-C-035	Structural Analysis and Design of Frost Resistance Function for Subgrade of High-Speed Railway Ballasted Track in Cold Regions	Review completed, R1 Sent to SCAR
Transoil-R-036	In depth improvement of soil at the base of roads on taliks	Review completed, R1 Sent to SCAR
Transoil-R-037	To the Issue of Permafrost Soil Roadbed Stabilization	Review completed, R1 Sent to SCAR
Transoil-R-038	Embankment of roads on ice rich permafrost: problems and its decision	Returned to author, Revision pending
Transoil-U-039	Characterization of Frozen Soil-Cement Mixture for Berm Construction in Cold Regions	Submit to SCAR
Transoil-M-040	Permafrost and Geotechnical Investigations in Nalaikh Depression of Mongolia	Review completed, R1 Sent to SCAR
Transoil-U-041	FREEZE-THAW PERFORMANCE OF CHEMICALLY STABILIZED NATURAL AND RECYCLED HIGHWAY MATERIALS	Submit to SCAR
Transoil-R-042	Geotechnical methods of reinforcement of slopes near railroads	Review completed, R1 Sent to SCAR
Transoil-J-043	Cyclic Behavior of Soils and Numerical Analyses in Cold Regions and Seismic Zones	Review completed, R1 Sent to SCAR