

Assessment of pavement structural strength by the falling weight deflectometer

Aavik, Andrus; Paabo, Priit; Kaal, Tiit The Baltic journal of road and bridge engineering 2006 / 4, p. 193-199 : ill <https://bjrbe-journals.rtu.lv/bjrbe/article/view/1822-427X.2006.4.193%E2%80%93199>

Assumptions to road pavement testing by non-destructive means

Janulevičius, Justinas; Čygas, Donatas; Giniotis, Vytautas; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2013 / p. 227-231 : ill <https://doi.org/10.3846/bjrbe.2013.29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining ranges and spatial distribution of road frost heave by terrestrial laser scanning

Mill, Tarvo; Ellmann, Artu; Aavik, Andrus; Horemuz, Milan; Sillamäe, Sven The Baltic journal of road and bridge engineering 2014 / p. 225-234 : ill <https://doi.org/10.3846/bjrbe.2014.28> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deterministic and probabilistic analyses of the bearing capacity of screw cast in situ displacement piles in silty soils as measured by CPT and SDT

Leetsaar, Lehar; Korkiala-Tanttu, Leena The Baltic journal of road and bridge engineering 2023 / p. 99-127 : ill <https://doi.org/10.7250/bjrbe.2023-18.600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Discrete analysis method for suspension bridges

Idnum, Juhan The Baltic journal of road and bridge engineering 2006 / 2, p. 115-119 : ill

Discrete analysis of elastic cables

Kiisa, Martti; **Idnum, Juhan; Idnum, Siim** The Baltic journal of road and bridge engineering 2012 / p. 98-103 : ill <https://bjrbe-journals.rtu.lv/article/view/bjrbe.2012.14/0>

Environmental problems related to winter traffic safety conditions

Hääl, Maire-Liis; Sürje, Peep The Baltic journal of road and bridge engineering 2006 / p. 45-53 : ill https://www.ester.ee/record=b2222369*est

Estimating parameters for traffic flow using navigation data on vehicles

Burinskiene, Marija; Kapski, Denis; Kasyanik, Valery; **Pashkevich, Anton** The Baltic journal of road and bridge engineering 2020 / p. 1-21 <https://doi.org/10.7250/bjrbe.2020-15.492> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian road network and road management

Aavik, Andrus The Baltic journal of road and bridge engineering 2006 / p. 39-44 : ill https://www.ester.ee/record=b2222369*est

Estonian traffic behaviour monitoring studies 2001-2016 : overview and results

Ess, Juri; Antov, Dago The Baltic journal of road and bridge engineering 2017 / p. 167-173 <https://doi.org/10.3846/bjrbe.2017.20> http://www.ester.ee/record=b2222369*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evolution of traffic flows and traffic-induced air pollution due to structural changes and development during 1993-2006 in Tartu (Estonia)

Orru, Hans; Kaasik, Marko; **Antov, Dago;** Forsberg, Bertil The Baltic journal of road and bridge engineering 2008 / 4, p. 206-216 https://www.researchgate.net/publication/245443681_Evolution_of_Traffic_Flows_and_Traffic-Induced_Air_Pollution_Due_to_Structural_Changes_and_Development_During_1993-2006_in_Tartu_Estonia

Finite element mesh size effect on deformation predictions of reinforced concrete bridge girder

Gribniak, Viktor; Kaklauskas, Gintaris; **Idnum, Siim;** Bacinskas, Darius The Baltic journal of road and bridge engineering 2010 / p. 19-27 : ill

Geodetic monitoring of bridge deformations occurring during static load testing

Mill, Tarvo; Ellmann, Artu; Kiisa, Martti; **Idnum, Juhan;** Horemuz, Milan; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2015 / p. 17-27 : ill <https://doi.org/10.3846/bjrbe.2015.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating drivers' behaviour at non-signalised pedestrian crossings

Antov, Dago; Rõivas, Tiia; **Rõuk, Harri** The Baltic journal of road and bridge engineering 2007 / 3, p. 111-118 : ill https://www.researchgate.net/publication/298989106_Investigating_Drivers%27_Behaviour_at_Non-Signalised_Pedestrian_Crossings

Jobs created out of Tallinn have not reduced commuting

Mäe, Roland; Antov, Dago; Antso, Imre The Baltic journal of road and bridge engineering 2013 / p. 58-65 <https://doi.org/10.3846/bjrbe.2013.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-attribute decision-making methods for assessment of quality in bridges and road construction : state-of-the-art surveys

Zavadskas, Edmundas Kazimieras; **Liias, Roode;** Turskis, Zenonas The Baltic journal of road and bridge engineering 2008 / 3, p. 152-160 : ill https://www.researchgate.net/publication/238190173_Multi-Attribute_Decision-

Policy instruments for managing EU road safety targets : road safety impact assessment

Laurinavičius, Alfredas; **Antov, Dago** The Baltic journal of road and bridge engineering 2012 / p. 60-67 : ill

https://www.researchgate.net/publication/268293126_Policy_Instruments_for_Managing_EU_Road_Safety_Targets_Road_Safety_Impact_Assessment

Speed reduction effects of urban roundabouts

Antov, Dago; Abel, Kristiina; **Sürje, Peep**; **Rõuk, Harri**; Rõivas, Tiia The Baltic journal of road and bridge engineering 2009 / p. 22-26 : ill

Statistical analysis of reinforced concrete bridges in Estonia

Sein, Sander; Campos Matos, Jose; **Idnurm, Juhan** The Baltic journal of road and bridge engineering 2017 / p. 223-233 : ill

<http://hdl.handle.net/1822/53582> http://www.eester.ee/record=b2222369*est <https://doi.org/10.3846/bjrbe.2017.28> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Superpave pavement design temperatures in Estonia

Kontson, Karli; **Lill, Kristjan**; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2023 / p. 190-204

<https://doi.org/10.7250/bjrbe.2023-18.603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The 26th International Baltic Road Conference

Aavik, Andrus The Baltic journal of road and bridge engineering 2006 / 3, p. 121-122

The 90th anniversary celebrations of Tallinn University of Technology

Aavik, Andrus The Baltic journal of road and bridge engineering 2008 / 4, p. 1-2

Unified methodology for estimating efficiency of traffic calming measures - example of Estonia

Ess, Juri; **Antov, Dago** The Baltic journal of road and bridge engineering 2016 / p. 259-265 <https://doi.org/10.3846/bjrbe.2016.30>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unmanned aerial vehicle surveying for monitoring road construction earthworks

Julge, Kalev; **Ellmann, Artu**; **Köökk, Romet** The Baltic journal of road and bridge engineering 2019 / p. 1-17 : ill

<https://doi.org/10.7250/bjrbe.2019-14.430> http://www.eester.ee/record=b2222369*est <https://journals.vgtu.lt/index.php/BJRBE> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Use of FWD deflection basin parameters (SCI, BDI, BCI) for pavement condition assessment

Talvik, Ott; **Aavik, Andrus** The Baltic journal of road and bridge engineering 2009 / 4, p. 196-202

https://www.researchgate.net/publication/238190198_Use_of_FWD_deflection_basin_parameters_SCI_BDI_BCI_for_pavement_condition_assessment