

### **Aggregates for backfilling the mined areas in conditions of Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo; Šommet, Julija; Väizene, Vivika** Twenty First International Symposium on Mine Planning and Equipment Selection MPES2012 : 28th-30th November 2012, New Delhi, India 2012

### **Allmaakaevandamise tehnoloogia õpetamine TTÜ-s ja mujal maailmas**

**Pastarus, Jüri-Rivaldo** Mäeinseneride ettevalmistus ja kvalifikatsioon : Eesti Mäekonverents : 19. märts 2004 2004 / lk. 32-35

### **Altkaevandatud kvaasistabiilsete alade stabiilsuse prognoosi võimalused**

**Nikitin, Oleg; Pastarus, Jüri-Rivaldo** Eesti maapõuekasutuse päevaprobleemid : [Eesti Mäeseltsi Mäekonverents] : 9. november 2001, [Jäneda] 2001 / lk. 28-31 : ill

### **Analyses of crushed limestone quality developed by different methods for conditions of sustainable mining**

**Šommet, Julija; Sabanov, Sergei; Pastarus, Jüri-Rivaldo** Проблемы недропользования / Санкт-Петербургский Государственный горный институт 2010 / 1, с. 133-135

### **Analysis of earthquakes available influence on "Estonia" mine underground construction stability**

**Nikitin, Oleg; Sabanov, Sergei; Pastarus, Jüri-Rivaldo** Environment. Technology. Resources : proceedings of the 6th International Scientific and Practical Conference : [Rezekne, Latvia], June 20-22, 2007 2007 / p. 78-84 : ill  
<http://journals.rta.lv/index.php/ETR/article/view/1734>

### **Analysis of sustainability assessment in carbonate rock quarries = Karbonaatkivimite karjääride jätkusuutlikkuse analüüs**

**Šommet, Julija** 2014 <https://digi.lib.ttu.ee/i/?1007> [https://www.ester.ee/record=b3081322\\*est](https://www.ester.ee/record=b3081322*est)

### **Analysis of the roof and pillar design in Estonia's oil shale mines**

**Pastarus, Jüri-Rivaldo** Oil shale 1998 / 2, Special, p. 147-156: ill

### **Analysis of the Toompea hill subsidence**

**Pastarus, Jüri-Rivaldo** ProGEO '97. Brochure of abstracts : the Second General Assembly of the European Association for the Conservation of the Geological Heritage : scientific conference : Tallinn-Lahemaa National Park, June 2nd-4th, 1997 1997 / p. 43

### **Application of the risk assessment methods of railway transport in Estonian oil shale industry**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei; Tohver, Tarmo** Oil shale 2007 / 1, p. 35-44 : ill [https://artiklid.elnet.ee/record=b2367797\\*est](https://artiklid.elnet.ee/record=b2367797*est)

### **Backfill technology - challenge for Estonian oil shale industry**

**Pastarus, Jüri-Rivaldo; Väli, Erik; Lohk, Martin** Ресурсовоспроизводящие, малоотходные и природоохранные технологии освоения недр : материалы VIII Международной конференции : Москва-Таллинн, 14-18 сентября 2009 г 2009 / с. 34-35

### **Backfilling and waste management in Estonian oil shale industry**

**Pastarus, Jüri-Rivaldo; Tohver, Tarmo; Väli, Erik** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 48-49 [http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

### **Backfilling in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei** 3rd AMIREG International Conference (2009) : Assessing the Footprint of Resource Utilization and Hazardous Waste Management, Athens, Greece 2009 / p. 344-347 : ill

### **Backfilling technologies for Estonian oil shale mines**

**Valgma, Ingo; Kolats, Margit; Anepaio, Ain; Väizene, Vivika; Saarnak, Martin; Pastarus, Jüri-Rivaldo** Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013) 2013 / p. 374-378 : ill

### **Beijing International Symposium on Land Reclamation and Ecological Restoration for the 21st Century (ISLR 2000)**

**Pastarus, Jüri-Rivaldo** Oil shale 2000 / 3, p. 299-302 : fot [https://artiklid.elnet.ee/record=b1005019\\*est](https://artiklid.elnet.ee/record=b1005019*est)

### **Best available technology for the environmentally friendly mining with surface miner = Freeskombainil põhinev optimaalne keskkonnasäästlik avakaevandamise tehnoloogia**

**Väli, Erik** 2011 <https://digi.lib.ttu.ee/i/?520>

### **Calculation of the slope stability of non-homogeneous waste files**

**Pastarus, Jüri-Rivaldo** Oil shale 1993 / 2/3, p. 159-163: ill

### **Comparison of dolostone and limestone assessment methods for Estonian deposits**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Environmental and Climate Technologies 2012 / p. 35-39

### **Comparison of dolostone and limestone assessment methods for Estonian deposits**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga,

### **Concept of risk assessment for Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei** Environment. Technology. Resources 2005 / p. 237-242

### **Distinct element modelling of the stability of the cavern in the Maardu granite deposit**

**Pastarus, Jüri-Rivaldo** 2nd Regional APCOM'97 Symposium on Computer Applications and Operations Research in the Mineral Industries, August 24-28, 1997 1997 / p. 163-168: ill

### **Environmental impact assessment for Estonian oil shale mining systems**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg** Recent Trends in Oil Shale : Research and Applications : International Oil Shale Conference : Amman, Jordan, 2006 2006 / ? p

### **Environmental issues in oil shale mining**

**Pastarus, Jüri-Rivaldo; Toomik, Arvi** Mine Land Reclamation and Ecological Restoration for the 21 Century : Beijing International Symposium on Land Reclamation : May 16-18, 2000, Beijing, China 2000 / p. 406-411 : ill

### **Environmental issues prediction methods for Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Nikitin, Oleg** Proceedings of the International Conference "Environment and Society" : Rezekne, Latvia, February 28-March 2, 2002 2002 / p. 95-101 : ill

### **Environmental protection and cavern stability in the Maardu granite deposit**

**Pastarus, Jüri-Rivaldo** Oil shale 1995 / 2, p. 149-161: ill

### **Failure mechanisms in oil-shale pillars**

**Pastarus, Jüri-Rivaldo** Oil shale 1994 / 3, p. 251-257: ill [https://kirj.ee/wp-content/plugins/kirj/pub/OS-3-1994-251-257\\_20230316182205.pdf](https://kirj.ee/wp-content/plugins/kirj/pub/OS-3-1994-251-257_20230316182205.pdf)

### **Features of sustainable assessment methodology**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 179-181 : ill

### **Fracture process in pillars**

**Pastarus, Jüri-Rivaldo** Structural Integrity and Fracture : proceedings of the International Conference on Structural Integrity and Fracture : SIF2002, Perth, Australia, 25-27 September 2002 2002 / p. 343-346 : ill

### **Geological aspects of risk management in oil shale mining**

**Sabanov, Sergei; Tohver, Tarmo; Väli, Erik; Nikitin, Oleg; Pastarus, Jüri-Rivaldo** Oil shale 2008 / 2S, p. 145-152 : ill [https://www.researchgate.net/publication/228408234\\_Geological\\_aspects\\_of\\_risk\\_management\\_in\\_oil\\_shale\\_mining](https://www.researchgate.net/publication/228408234_Geological_aspects_of_risk_management_in_oil_shale_mining)

### **Geological aspects of risk management in oil shale mining**

**Pastarus, Jüri-Rivaldo; Erg, Katrin; Nikitin, Oleg; Sabanov, Sergei; Väli, Erik; Tohver, Tarmo** 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts 2007 / p. 47-48

### **Ground surface subsidence risk assessment by underground mining in Estonia**

**Pastarus, Jüri-Rivaldo** 5th ICEG Environmental Geotechnics : Opportunities, Challenges and Responsibilities for Environmental Geotechnics. Volume II 2006 / p. 1045-1051 : ill

### **Hydraulic conductivity testing method for all-in aggregates and mining waste materials**

**Šommet, Julija; Pastarus, Jüri-Rivaldo; Sabanov, Sergei** 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 122-126 : ill

### **Hydrogeologic impacts in the Estonian oil shale deposit**

**Erg, Katrin; Pastarus, Jüri-Rivaldo** Journal of mining, reclamation and environment 2008 / 4, p. 300-310

### **Improved method of predicting long-term stability of the mining blocks in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo** Rezekne Augstskolas Izdevniecība 2004 / p. 37-42 [https://www.academia.edu/993319/IMPROVED\\_METHODS\\_OF\\_PREDICTING\\_LONG\\_TERM\\_STABILITY\\_OF\\_THE\\_MINING\\_BLOCKS\\_IN\\_ESTONIAN\\_OIL\\_SHALE\\_MINES\\_IGAUNIJAS\\_DEGSL%C4%80NEK%C4%BBA](https://www.academia.edu/993319/IMPROVED_METHODS_OF_PREDICTING_LONG_TERM_STABILITY_OF_THE_MINING_BLOCKS_IN_ESTONIAN_OIL_SHALE_MINES_IGAUNIJAS_DEGSL%C4%80NEK%C4%BBA)

### **Improved underground mining design methods in Estonian oil shale deposit**

**Pastarus, Jüri-Rivaldo** Environment. Technology. Resources 2005 / p. 270-274

### **Improvement of current mining technology in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Otsmaa, Merle; Šommet, Julija; Pototski, Aleksander; Kuusik, Rein, keemik** Proceeding of the V-th International Geomechanics Conference : 18-21 June 2012 International House of Scientists "Fr. J. Curie", Varna, Bulgaria 2012 / p. 275-279 : ill  
[https://www.academia.edu/64597395/Varna\\_Bulgaria\\_IMPROVEMENT\\_OF\\_CURRENT\\_MINING\\_TECHNOLOGY\\_IN\\_ESTONIAN\\_OIL\\_SHALE\\_MINES?uc-sb-sw=50794218](https://www.academia.edu/64597395/Varna_Bulgaria_IMPROVEMENT_OF_CURRENT_MINING_TECHNOLOGY_IN_ESTONIAN_OIL_SHALE_MINES?uc-sb-sw=50794218)

#### **Inertsed täiematerjalid [Võrguväljaanne]**

**Pastarus, Jüri-Rivaldo; Valgma, Ingo; Väizene, Vivika** Mäendus 2014 / lk. 144-147 : ill  
[http://www.ene.ttu.ee/maeinstituut/kogumik/2014/Maendus\\_2014\\_Maeinstituut.pdf](http://www.ene.ttu.ee/maeinstituut/kogumik/2014/Maendus_2014_Maeinstituut.pdf)

#### **Interdependence between point load index, compressive strength and crushing resistance of Jordan oil shale and relation to calorific value**

**Väizene, Vivika; Valgma, Ingo; Reinsalu, Enno; Pastarus, Jüri-Rivaldo; Kaisla, Erkki** Oil shale 2015 / p. 252-268 : ill  
[https://artiklid.elnet.ee/record=b2740514\\*est](https://artiklid.elnet.ee/record=b2740514*est) <https://doi.org/10.3176/oil.2015.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Kaevandamine eritingimustes**

**Pastarus, Jüri-Rivaldo** Kaevandamine ja keskkond 2012 / lk. 104-107 : ill

#### **Kaevandamise täitmisuuringud**

**Pastarus, Jüri-Rivaldo; Valgma, Ingo; Väizene, Vivika; Pototski, Aleksander** XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid 2011 / lk. 38-41 : ill

#### **Kaevandusvaringute avastamine Eesti põlevkivimaardlas seismiliste sündmuste abil**

**Otsmaa, Merle; Soosalu, Heidi Elisabet; Valgma, Ingo; Pastarus, Jüri-Rivaldo** Kaevandamine ja keskkond 2012 / lk. 157-163 : ill

#### **Kaevandamise täitmine**

**Valgma, Ingo; Väizene, Vivika; Pastarus, Jüri-Rivaldo** Kaevandamine ja keskkond 2012 / lk. 75-85 : ill  
[https://www.researchgate.net/publication/233751324\\_Kaevandamise\\_taitmine](https://www.researchgate.net/publication/233751324_Kaevandamise_taitmine)

#### **Killustiku ja plokkide kaevandamine Maardu graniidimaardlas**

**Pastarus, Jüri-Rivaldo; Astapov, Pavel** Ehitusmaterjalide kaevandamine ja varud : Eesti Mäekonverents 2005 2005 / lk. 59-64 : ill

#### **Killustiku kaevandamine ja kasutamine : [artiklite kogumik]**

**Valgma, Ingo** 2008 [http://www.ester.ee/record=b2358767\\*est](http://www.ester.ee/record=b2358767*est)

#### **Kombain-kamberkaevandamise variant**

**Adamson, Alo; Nikitin, Oleg; Pastarus, Jüri-Rivaldo** Mäemasinad ja mäetehnika : [Eesti Mäekonverents] : 14. märts 2003, [Kunda : artiklikogumik] 2003 / lk. 17-20

#### **Large cavern stability in the Maardu granite deposit**

**Pastarus, Jüri-Rivaldo** 1996 [http://www.ester.ee/record=b1070450\\*est](http://www.ester.ee/record=b1070450*est)

#### **Lintervikutega kamberkaevandamise tehnoloogia [Võrguväljaanne]**

**Pastarus, Jüri-Rivaldo; Toomik, Paul** Mäendus 2014 / lk. 148-152 : ill  
[http://www.ene.ttu.ee/maeinstituut/kogumik/2014/Maendus\\_2014\\_Maeinstituut.pdf](http://www.ene.ttu.ee/maeinstituut/kogumik/2014/Maendus_2014_Maeinstituut.pdf)

#### **Long-term stability monitoring of the mining blocks in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo** Environment. Technology. Resources : proceedings of the 4th International Scientific and Practical Conference : June 26-28, 2003 2003 / p. 206-211 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=dd76de9aeb5d9743572e155643b7235cad1ec505>

#### **Lubjakivikillustiku kaevandamise jätkusuutlikkusest**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Maapõue kasutamise arengud 2010 / lk. 49-51 : ill

#### **Maa seisundi juhtimine kamberkaevandamisel**

**Nikitin, Oleg; Pastarus, Jüri-Rivaldo; Tomberg, Tõnu** Põlevkivi talutav kaevandamine : konverentsi ettekannete teesid ja artiklid : Jõhvi, 26. mai 2000 2000 / lk. 37-40

#### **Maapõue kasutamise arengud : [Eesti mäekonverents : 6. mai 2010, Tartu]**

2010 [http://www.ester.ee/record=b2594447\\*est](http://www.ester.ee/record=b2594447*est)

#### **A method for securing working mining block stability in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei** Proceedings of the Estonian Academy of Sciences. Engineering 2005 / p. 59-68 : ill  
[https://www.ester.ee/record=b1072102\\*est](https://www.ester.ee/record=b1072102*est)

**Methods of mining block stability analysis for room-and-pillar mining with continuous miner in Estonian oil shale mines**  
**Pastarus, Jüri-Rivaldo; Nikitin, Oleg** Proceedings SWEMP2002, Cagliari, October 7-10, 2002 : Seventh International Conference on Environmental Issues and Waste Management in Energy and Mineral Production 2002 / p. 677-682 : ill  
[https://www.researchgate.net/publication/266868001\\_METHODS\\_OF\\_MINING\\_BLOCK\\_STABILITY\\_ANALYSIS\\_FOR\\_ROOM-AND-PILLAR\\_MINING\\_WITH\\_CONTINUOUS\\_MINER\\_IN\\_ESTONIAN\\_OIL\\_SHALE\\_MINES](https://www.researchgate.net/publication/266868001_METHODS_OF_MINING_BLOCK_STABILITY_ANALYSIS_FOR_ROOM-AND-PILLAR_MINING_WITH_CONTINUOUS_MINER_IN_ESTONIAN_OIL_SHALE_MINES)

**Mining block life-time prediction method by roof-to-floor convergence**  
**Pastarus, Jüri-Rivaldo** MPES Mine Planning and Equipment Selection : Banff, Canada 2005 / p. 994-1009  
[https://www.academia.edu/993322/Mining\\_Block\\_Life\\_Time\\_Prediction\\_Method\\_by\\_Roof\\_To\\_Floor\\_Convergence](https://www.academia.edu/993322/Mining_Block_Life_Time_Prediction_Method_by_Roof_To_Floor_Convergence)

**Mining block stability analysis in Estonian oil shale mines by statistical methods**  
**Pastarus, Jüri-Rivaldo; Tomberg, Tõnu** Environment. Technology. Resources : proceedings of the 3rd International Conference : June 19-21, 2001 2001 / p. 132-138 : ill

**Mining block stability estimation in Estonian oil shale mines**  
**Nikitin, Oleg; Pastarus, Jüri-Rivaldo** Geotechnological Issues of Underground Space Use for Environmentally Protected World 2001 2001 / p. 121-125 : ill

**Mining block stability monitoring by roof-to-floor convergence**  
**Pastarus, Jüri-Rivaldo** Proceedings of the 8th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production – SWEMP 2004 2004 / p. 211-214 : ill <https://kirjandus.geoloogia.info/en/reference/34118>  
[https://www.researchgate.net/publication/242478776\\_Mining\\_block\\_stability\\_monitoring\\_by\\_roof-to-floor\\_convergence](https://www.researchgate.net/publication/242478776_Mining_block_stability_monitoring_by_roof-to-floor_convergence)

**Modeling and simulation in rock engineering**  
**Pastarus, Jüri-Rivaldo** 60 aastat mäeinseneride õpetamist Eestis : aastapäevakonverentsi ettekannete teesid ja artiklid 1998 / lk. 23-26: ill [https://www.ester.ee/record=b1057301\\*est](https://www.ester.ee/record=b1057301*est)

**Modelling of oil shale concentration processes in Estonian mines**  
**Pastarus, Jüri-Rivaldo; Reinsalu, Enno; Saarnak, Martin** International journal of mining, reclamation and environment 2015 / p. 213-225 : ill <https://doi.org/10.1080/17480930.2014.962807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Monitoring and stability analysis in Estonian oil shale mines**  
**Nikitin, Oleg; Pastarus, Jüri-Rivaldo; Sokolov, Pavel** 11th International Congress of the International Society for Mine Surveying : Crakow, Poland, September 2000. Vol. 2 2000 / p. 319-329 : ill <https://kirjandus.geoloogia.info/reference/33731>

**Mäendus, geoloogia ja lõhed - mis on neil ühist?**  
**Pastarus, Jüri-Rivaldo** Vasaraga tähtede poole 2006 / lk. 100-106 : ill [https://artiklid.elnet.ee/record=b1056969\\*est](https://artiklid.elnet.ee/record=b1056969*est)

**Mäendusriskide haldamise kontseptsioon ja meetodid : ETF grant nr. 6558**  
**Pastarus, Jüri-Rivaldo** Vasaraga tähtede poole 2006 / lk. 66-70 : ill

**Mälestusi Hiinast : [sümposiumil "Kaevandamise käigus rikutud maade rekultiveerimine XXI sajandil"]**  
**Pastarus, Jüri-Rivaldo** Hõimlane : Tõnissoni, Vaabeli ja Pastaruse suguvõsa ajaleht 2000 / 29./30. juuli, lk. 8

**Pastaruse suguvõsast**  
**Pastarus, Jüri-Rivaldo** Hõimlane : Tõnissoni, Vaabeli ja Pastaruse suguvõsa ajaleht 2000 / 29./30. juuli, lk. 2

**Paste fills technology in condition of Estonian oil shale mine**  
**Pastarus, Jüri-Rivaldo; Šommet, Julija; Valgma, Ingo; Väizene, Vivika; Karu, Veiko** Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1 2013 / p. 182-185 : ill  
<https://journals.rta.lv/index.php/ETR/article/view/823>

**Pillar strength and failure mechanisms**  
**Pastarus, Jüri-Rivaldo** Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 1, p. 23-34: ill

**Possibilities of oil shale mining under the Selisoo mire of the Estonia oil shale deposit**  
**Orru, Mall; Väizene, Vivika; Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo** Environmental earth sciences 2013 / p. 3311-3321 : ill <https://doi.org/10.1007/s12665-013-2396-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Preliminary analysis of the cavern stability in the Maardu granite deposit**  
**Pastarus, Jüri-Rivaldo** Proceedings of the Estonian Academy of Sciences. Engineering 1995 / 1, p. 20-31: ill

**Prospects for application of waste rock aggregates as filling material in Estonian underground mines**  
**Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo; Väizene, Vivika; Väli, Erik; Tohver, Tarmo; Šommet, Julija** International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 35-36 <https://kirjandus.geoloogia.info/reference/34089>

### **Põlevkivi kaevandamise jätkusuutlikkus [Elektrooniline teavik]**

**Pastarus, Jüri-Rivaldo; Valgma, Ingo; Adamson, Alo** Maavarade kaevandamise ja kasutamise protsessid 2008 / [4] lk. [CD-ROM]

### **Põlevkivi kasutamise jätkusuutlikkusest**

**Pastarus, Jüri-Rivaldo; Valgma, Ingo; Adamson, Alo** XVI aprillikonverentsi "Põlevkivimaa - probleemid ja tulevik" teesid : [4. aprill 2008, Tallinn] 2008 / lk. 12-14 [https://www.ester.ee/record=b2522359\\*est](https://www.ester.ee/record=b2522359*est)

### **Püsivusanalüüs kombainkaevandamisel Eesti põlevkivikaevandustes : ettekanne rahvusvahelisel sümposionil "Keskonnaprobleemid ja jäätmekäitlus energeetikas ja maavarade kaevandamisel" 9. oktoobril 2002 Cagliariis Sardiinial Itaalias**

**Pastarus, Jüri-Rivaldo** Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 281-287 : ill

### **Reduction of oil shale losses**

**Valgma, Ingo; Väizene, Vivika; Kolats, Margit; Karu, Veiko; Pastarus, Jüri-Rivaldo; Rahe, Tiit; Iskül, Riho** Environment. Technology. Resources : proceedings of the 9th International Scientific and Practical Conference. Volume 1 2013 / p. 201-205 : ill [https://www.researchgate.net/publication/259850736\\_Reduction\\_of\\_Oil\\_Shale\\_Losses](https://www.researchgate.net/publication/259850736_Reduction_of_Oil_Shale_Losses)

### **Risk analysis of the pillar strength in the Estonia mine**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei; Šestakova, Jekaterina; Nikitin, Oleg** Vide. Tehnologija. Resursi = Environment. Technology. Resources : Proceedings of the 7th International Scientific and Practical Conference : June 25-27, 2009. Volume 1 2009 / p. 19-23 : ill

### **Risk assessment methods in Estonian oil shale mining industry = Riski hindamise meetodika Eesti põlevkivitööstuses Sabanov, Sergei 2008**

### **Risk assessment of blasting works in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei; Nikitin, Oleg** Mine planning and equipment selecton 2006 : proceedings of the Fifteenth International Symposium on Mine Planning and Equipment Selection : Torino, Italy, 20-22 September 2006. Vol. 2 2006 / p. 1273-1278 : ill

### **Risk assessment of feasibility of roadheaders in Estonian underground mining**

**Sabanov, Sergei; Nikitin, Oleg; Pastarus, Jüri-Rivaldo** Oil shale 2008 / 2S, p. 153-162 : ill [https://www.researchgate.net/publication/237790948\\_Risk\\_assessment\\_of\\_feasibility\\_of\\_roadheaders\\_in\\_Estonian\\_underground\\_mining](https://www.researchgate.net/publication/237790948_Risk_assessment_of_feasibility_of_roadheaders_in_Estonian_underground_mining)

### **Risk assessment of geological conditions for selective extraction of oil shale in "Estonia" mine**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Viil, Allan** 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts 2007 / p. 59 [https://www.ester.ee/record=b2291667\\*est](https://www.ester.ee/record=b2291667*est)

### **Risk assessment of pillars bearing capacity under rock dump in Estonia mine "Viru"**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg; Väli, Erik** Proceedings of the Sixteenth International Symposium on Mine Planning and Equipment Selection (MPES 2007) and the Tenth International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2007) : Bangkok, Thailand, December 11-13, 2007 2007 / p. 966-972

### **Risk assessment of seismic impact on the roof and pillars stability in Estonian underground**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg; Väli, Erik** Estonian journal of engineering 2008 / 4, p. 325-333 : ill

### **Risk assessment of surface miner for Estonian oil shale mining industry**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg; Väli, Erik** The 12th International Conference of IACMAG : 1-6 October, 2008 : Goa, India : [abstracts] 2008 / p. 63

### **Risk assessment of vibration impact on roof and pillars stability in Estonian underground**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg; Väli, Erik** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 57-61 : ill

### **Risk management method and application in mining**

**Pastarus, Jüri-Rivaldo** Стратегия развития минерально-сырьевого комплекса в XXI веке : материалы II международной конференции 2006 / p. 290-292

### **Riskide haldamise meetodika kasutatavus Eesti põlevkivikaevandustes**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei** 90 aastat põlevkivi kaevandamist Eestis : [5. mai 2006, Tallinn : Eesti Mäekonverentsi 2006 kogumik] 2006 / lk. 72-75 : ill

### **Roof and pillar stability prognosis in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo;** Toomik, Arvi Rock Mechanics - a Challenge for Society : proceedings of the ISRM Regional Symposium EUROCK 2001 : Espoo, Finland, 4-7 June 2001 2001 / p. 849-853 : ill

### **Roof bolting analysis at "Estonia" oil shale mine**

**Nikitin, Oleg; Pastarus, Jüri-Rivaldo; Sabanov, Sergei** Mine planning and equipment selection 2006 : proceedings of the Fifteenth International Symposium on Mine Planning and Equipment Selection : Torino, Italy, 20-22 September 2006. Vol. 2 2006 / p. 1441-1446 : ill

### **Selisoo mire above oil shale deposit area**

**Väizene, Vivika; Orru, Mall; Valgma, Ingo; Pastarus, Jüri-Rivaldo; Sõstra, Ülo** Ressursid ja energiasääst 2014

### **7th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2002)**

**Pastarus, Jüri-Rivaldo** Oil shale 2002 / 4, p. 443-444 [https://artiklid.elnet.ee/record=b1011061\\*est](https://artiklid.elnet.ee/record=b1011061*est)

### **Stiihilised varingud Eesti põlevkivikaevandustes**

**Nikitin, Oleg; Pastarus, Jüri-Rivaldo; Sokolov, Pavel** Mäeohutus ja mäeõigus : konverentsi ettekannete teesid ja artiklid, Tallinn, 28. juuni, 1999 1999 / lk. 18-23: ill

### **Subsidence prediction in Estonia's oil shale mines**

**Pastarus, Jüri-Rivaldo;** Toomik, Arvi Proceedings of the Sixth International Conference on Environmental Issues and Management of Waste in Energy and Mineral Production SWEMP 2000 2000 / p. 225-229

### **Surface Miner technology impact on the environment**

Lohk, Martin; **Väli, Erik;** Tohver, Tarmo; **Pastarus, Jüri-Rivaldo** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 44-47 : ill

### **Surface mining technology in the zones of tectonic disturbances, Estonian oil shale deposit**

**Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo;** Kolotogina, Ljudmilla; **Anepaio, Ain;** Vannus, Ants; **Nurme, Martin** Oil shale 2013 / p. 326-335 : ill [https://artiklid.elnet.ee/record=b2631758\\*est](https://artiklid.elnet.ee/record=b2631758*est) <https://doi.org/10.3176/oil.2013.2S.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sustainability assessment methods in oil shale mine closure**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Šommet, Julija** Environment. Technology. Resources : proceedings of the 8th International Scientific and Practical Conference. Volume 1 2011 / p. 271-275 : ill

### **Sustainable assessment in dolostone mining management**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 244-246 : ill

### **Sustainable assessment method in limestone mining management**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Fuelling the future : advances in science and technologies for energy generation, transmission and storage 2012 / p. 586-588 : ill

### **Sustainable groundwater resource management in the Estonian oil shale deposit**

Sokman, Kalmer; Väli, Erik; Iskül, Riho; **Erg, Katrin; Pastarus, Jüri-Rivaldo; Lind, Helena** 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts 2007 / p. 67 [https://www.ester.ee/record=b2291667\\*est](https://www.ester.ee/record=b2291667*est)

### **Suurte kaeveõõnte stabiilsus Maardu graniidimaardlas**

**Pastarus, Jüri-Rivaldo** 1996 [http://www.ester.ee/record=b1070448\\*est](http://www.ester.ee/record=b1070448*est)

### **Tagasitõimise kaevandamistehnoloogia kontseptsioon**

**Pastarus, Jüri-Rivaldo; Adamson, Alo; Nikitin, Oleg;** Lohk, Martin Maapõue kasutamise arengud 2010 / lk. 29-32

### **Tallinn area subsidence and their environmental impact on the Toompea Hill**

**Pastarus, Jüri-Rivaldo** Proceedings of the International Symposium on Mine Environmental and Economical Issues : Dnipropetrovsk, Ukraine, 15-18 June 1999 1999 / p. 127-133

### **TalveAkadeemia 2012 : Kaevandamisel tekkivate jääkide taaskasutamine – samm ressursi paremaks kasutamiseks**

**Pototski, Aleksander; Karu, Veiko; Pastarus, Jüri-Rivaldo** Kaevandamine ja keskkond 2012 / lk. 193-199 : fot

### **Teadusartiklite konkursi vajalikkusest**

**Pastarus, Jüri-Rivaldo** Linnaplaneerimine - luues säästvat elukeskkonda : 27. veebruar-1. märts Nelijärvel 2009 / lk. [4]

### **The secondary usage of the burnt oil-shale ashes of Narva Power Plants**

**Pototski, Aleksander; Pastarus, Jüri-Rivaldo** Program and abstracts volume of the Twentieth International Symposium MPES 2011 2011 / p. 181

### **The surface miner sustainable oil-shale mining technology testing results in Estonia**

**Nikitin, Oleg; Väli, Erik; Pastarus, Jüri-Rivaldo; Sabanov, Sergei** Proceedings of the Sixteenth International Symposium on Mine Planning and Equipment Selection (MPES 2007) and the Tenth International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2007) : Bangkok, Thailand, December 11-13, 2007 2007 / p. 678-687

### **The surface miner sustainable technology introduction for oil-shale mining in Estonia**

**Nikitin, Oleg; Väli, Erik; Sabanov, Sergei; Pastarus, Jüri-Rivaldo** Environment. Technology. Resources : proceedings of the 6th International Scientific and Practical Conference : [Rezekne, Latvia], June 20-22, 2007 2007 / p. 55-61 : ill

### **Toompea Hill stability analysis**

**Pastarus, Jüri-Rivaldo** FLAC and Numerical Modeling in Geomechanics : proceedings of the International FLAC Symposium on Numerical Modeling in Geomechanics : Minneapolis, Minnesota, USA, 1-3 Sept. 1999 1999 / p. 95-100 : ill

### **Toompea Hill stability and Tallinn area subsidence**

**Pastarus, Jüri-Rivaldo** Proceedings of the 2nd International Conference "Environment. Technology. Resources" : Rezekne, Latvia, 25-27 June 1999 1999 / p. 136-141

### **Tuhast võib saada kaevanduskäikude täide : [TTÜ mäeinstituudi dotsent J-R. Pastarus uuest tehnoloogist]**

Käärt, Ulvar; **Pastarus, Jüri-Rivaldo** Eesti Päevaleht 2009 / 20. okt., lk. 5 <https://epl.delfi.ee/artikkel/51180491/tuhast-voib-saada-kaevanduskaidude-taide>

### **Two- and three-dimensional distinct element modelling of the stability of the cavern in Maardu deposit**

**Pastarus, Jüri-Rivaldo** Kalliomekaniikan päivä 1995 / s. 98-109

### **Täitmise tehnoloogia ja kaevandusvesi**

**Pastarus, Jüri-Rivaldo; Valgma, Ingo; Robam, Karin** Kaevandamine ja vesi 2011 / lk. 70-72 : ill  
[https://www.ester.ee/record=b2681152\\*est](https://www.ester.ee/record=b2681152*est)

### **Underground mining and environmental protection on the Maardu granite deposit**

**Pastarus, Jüri-Rivaldo** Environmental issues and waste management in energy and mineral production : proceedings of the Fifth International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production - SWEMP'98, Ankara, Turkey, 18-20 May 1998 1998 / p. 227-232: ill

### **Varinguriskist koristuskambrite etes. Teooria ja praktika**

**Pastarus, Jüri-Rivaldo;** Lohk, Martin 90 aastat põlevkivi kaevandamist Eestis : [5. mai 2006, Tallinn : Eesti Mäekonverentsi 2006 kogumik] 2006 / lk. 67-71 : ill

### **Waste management in Estonian oil shale industry**

**Pastarus, Jüri-Rivaldo; Lohk, Martin** SDIMI 2011 : Sustainable Development in the Minerals Industry : Institute of Mining Engineering I, RWTH Aachen University, 14-17 June 2011 2011 / p. 213-218 : ill

### **Veesisalduse mõju killustiku filtratsiooni parameetritele**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Kaevandamine ja vesi 2011 / lk. 98-100 [https://www.ester.ee/record=b2681152\\*est](https://www.ester.ee/record=b2681152*est)

### **Wirtgen 2500 SM ja killustiku tootmine karjäärides**

**Pastarus, Jüri-Rivaldo; Adamson, Alo; Sabanov, Sergei; Väli, Erik; Nikitin, Oleg** Killustiku kaevandamine ja kasutamine : [artiklite kogumik] 2008 / lk. 26-28 : ill

### **Working mining block stability prediction methods in Estonian oil shale mines**

**Pastarus, Jüri-Rivaldo** Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 65-66  
[https://www.ester.ee/record=b1703301\\*est](https://www.ester.ee/record=b1703301*est)

### **Анализ параметров камерных блоков методом условной мощности**

**Talve, Leo; Pastarus, Jüri-Rivaldo** Труды по горному делу : сборник статей. 7 1974 / с. 45-54 : илл  
[https://www.ester.ee/record=b2190673\\*est](https://www.ester.ee/record=b2190673*est) <https://digikogu.taltech.ee/et/Item/cbbce0a0-5e9d-4c4b-87f4-66f66c7a88a2>

### **Влияние зольности на несущую способность целиков**

**Pastarus, Jüri-Rivaldo** Проблемы подземной и открытой разработки горючих сланцев и нерудных материалов 1980 / с. 3-5 : илл  
[https://www.ester.ee/record=b1263934\\*est](https://www.ester.ee/record=b1263934*est) <https://digikogu.taltech.ee/et/Item/915e3571-8bba-45c4-80d3-fe543d9e4760>

**Влияние изменения региональных физико-механических свойств пород на параметры камерно-столбовой системы разработки**

**Pastarus, Jüri-Rivaldo; Talve, Leo** Проблемы геологомаркшейдерской службы сланцедобывающих предприятий 1984 / с. 68-77 : илл [https://www.ester.ee/record=b1347604\\*est](https://www.ester.ee/record=b1347604*est)

**Вторичное использование сланцевой золы**

**Pototski, Aleksander; Pastarus, Jüri-Rivaldo** Проблемы недропользования / Санкт-Петербургский Государственный горный институт 2011 / с. 180-182

**Закладка выработанного пространства в условиях Эстонских сланцевых шахт**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei; Šestakova, Jekaterina** Проблемы недропользования : записки горного института 2009 / с. 60-63

**Закладка выработанного пространства в условиях Эстонских сланцевых шахт**

**Pastarus, Jüri-Rivaldo; Sabanov, Sergei; Šestakova, Jekaterina** Международный форум-конкурс молодых ученых : Проблемы недропользования : 22-24 апреля 2009 г. : программа. Рабочие материалы 2009 / с. 44

**Изучение возможностей уменьшения вредоносного влияния горных выработок на лесные и земельные угодья с применением методики управления рисками [Elektrooniline teavik]**

**Erg, Katrin; Pastarus, Jüri-Rivaldo; Sabanov, Sergei** Kaevandamine parandab maad 2007 / [7] lk. : ill. [CD-ROM] [https://www.ester.ee/record=b2243908\\*est](https://www.ester.ee/record=b2243908*est)

**Изучение и анализ состояния камерных блоков на шахтах ПО "Эстонсланец"**

**Pastarus, Jüri-Rivaldo** Проблемы подземной и открытой разработки горючих сланцев и нерудных материалов 1982 / с. 3-14 : илл [https://www.ester.ee/record=b1309541\\*est](https://www.ester.ee/record=b1309541*est) <https://digikogu.taltech.ee/et/Item/e7e45a50-ac5b-44ae-a6bf-2c955cf96982>

**Исследование влияния рассеянных включений на напряженное состояние целика**

**Pastarus, Jüri-Rivaldo** Горючие сланцы : информационная серия I 1979 / с. 11-13 : рис [https://www.ester.ee/record=b1889669\\*est](https://www.ester.ee/record=b1889669*est)

**Исследование влияния слабых рассеянных включений на несущую способность целиков**

**Pastarus, Jüri-Rivaldo** Проблемы подземной и открытой разработки горючих сланцев и нерудных материалов 1980 / с. 7-9 : илл [https://www.ester.ee/record=b1263934\\*est](https://www.ester.ee/record=b1263934*est) <https://digikogu.taltech.ee/et/Item/915e3571-8bba-45c4-80d3-fe543d9e4760>

**Исследование несущей способности и определение размеров неоднородных целиков : (на примере Ногинского месторождения) : автореферат диссертации (05.15.02)... кандидата технических наук**

**Pastarus, Jüri-Rivaldo** 1977 [http://www.ester.ee/record=b1561070\\*est](http://www.ester.ee/record=b1561070*est)

**К анализу причин стихийных обрушений при камерно-столбовой системе разработки**

**Talve, Leo; Pastarus, Jüri-Rivaldo** Вопросы геолого-маркшейдерской службы на сланцевых шахтах : [сборник статей] 1981 / с. 29-37 : рис. [https://www.ester.ee/record=b1326784\\*est](https://www.ester.ee/record=b1326784*est)

**К анализу фактических параметров камерно-столбовой системы разработки методом коэффициента поддержания и условной мощности**

**Pastarus, Jüri-Rivaldo** Проблемы подземной и открытой разработки горючих сланцев и нерудных материалов 1984 / с. 27-38 : илл [https://www.ester.ee/record=b1381762\\*est](https://www.ester.ee/record=b1381762*est) <https://digikogu.taltech.ee/et/Item/cbe4d891-f5ee-472e-9a25-7abcf24b097>

**Камерно-столбовая система разработки месторождений и ее влияние на окружающую среду**

**Pastarus, Jüri-Rivaldo** Маркшейдерия и недропользование = [Mine surveying and subsurface use] 2003 / 4, с. 38-42 : илл

**Методика расчета целиков с рассеянными включениями (на примере прибалтийского месторождения горючих сланцев)**

**Pastarus, Jüri-Rivaldo** Вопросы совершенствования добычи и использования горючих сланцев : (тезисы) : посвящается 60-летию ВЛКСМ 1978 / с. 10 [https://www.ester.ee/record=b2669967\\*est](https://www.ester.ee/record=b2669967*est)

**Методы оперативного контроля параметров и потерь при камерной системе разработки**

**Talve, Leo; Pastarus, Jüri-Rivaldo** Пути снижения потерь сланца при добыче : [сборник материалов] 1982 / с. 34-41 : рис. [https://www.ester.ee/record=b1467094\\*est](https://www.ester.ee/record=b1467094*est)

**Методы оценки устойчивости горных выработок (на примере эстонского месторождения горючих сланцев)**

**Pastarus, Jüri-Rivaldo; Nikitin, Oleg** Горный журнал 2003 / 4/5, с. 71-75 : илл

**О механизме разрушения неоднородных целиков с рассеянными включениями**

**Pastarus, Jüri-Rivaldo; Proskurjakov, N.** Известия высших учебных заведений. Горный журнал : ежемесячный научно-технический журнал 1978 / с. 16-18 [https://www.ester.ee/record=b2776651\\*est](https://www.ester.ee/record=b2776651*est)



**Образование условий общего сжатия в местах пересечения древних региональных разломных зон в голоцене (на примере участка Луаштанги, Калевала, Республика Карелия)**

**Sõstra, Ülo; Pastarus, Jüri-Rivaldo;** Sõstra, Ivo Связь поверхностных структур Земной коры с глубинными : материалы четырнадцатой международной конференции : 27-31 октября 2008 года. Часть 2 2008 / с. 249-257

**Оценка рисков снижения качества буровзрывных работ на экспериментальных камерных блоках шахты "Эстония"**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo** Проблемы недропользования : записки горного института 2009 / с. 36-41

**Оценка рисков стабильного состояния охранных целиков в отработанной шахте "Кукрузе" под шоссе Таллинн-Нарва**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Sokman, Kalmer; Kolotygina, Ljudmila** International Society for Mine Surveying XIII International Congress : Budapest, Hungary, 24-28 September 2007 : proceedings 2007 / [5] p. : ill

**Применение концепции оценки рисков в горно-добывающей промышленности Эстонии**

**Sabanov, Sergei; Pastarus, Jüri-Rivaldo; Nikitin, Oleg** Записки Горного института. Проблемы недропользования 2008 / с. 167-170 : ил

**Пути к рациональному использованию горючих сланцев при камерной выемке**

**Talve, Leo; Pastarus, Jüri-Rivaldo** Хозяйственный механизм рационального природопользования при добыче полезных ископаемых : тезисы докладов республиканской научно-технической конференции, г. Кохтла-Ярве, сентябрь 1980 г. Часть I, Техника и технология охраны и рационального использования природных ресурсов 1980 / с. 62-64

[https://www.ester.ee/record=b1276341\\*est](https://www.ester.ee/record=b1276341*est)

**Расчет целиков сложного строения с рассеянными включениями**

**Bezkaravainõ, V.; Morozov, G.; Pastarus, Jüri-Rivaldo** Физические процессы горного производства : всесоюзный межвузовский сборник 1982 / с. 20-22

**Характер разрушения закладочных массивов**

**Šommet, Julija; Pastarus, Jüri-Rivaldo** Проблемы недропользования / Санкт-Петербургский Государственный горный институт 2011 / с. 189-190 : ил