

Capture-transport-storage scenario of CO₂ emissions produced by oil-shale-based energy industry of Estonia

Šogenova, Alla; Šogenov, Kazbulat; Pomeranceva, Raisa; Neele, Filip; Hendriks, Chris International Oil Shale Symposium :

Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 54-55

http://www.ester.ee/record=b4775098*est

Carbon neutral Baltic Sea Region by 2050

Šogenova, Alla Baltic Rim Economies Review 2022 / 1 p <https://sites.utu.fi/bre/baltic-rim-economies-1-2022/>

Carbon neutral Baltic Sea region by 2050 : myth or reality?

Šogenova, Alla; Nordbäck, Nicklas; Sopher, Daniel; **Šogenov, Kazbulat;** Ivask, Jüri Proceedings of the 15th Greenhouse Gas

Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://doi.org/10.2139/ssrn.3817722>

<https://ssrn.com/abstract=3817722>

Challenges and possible solutions in the Baltic Region after legislation of EU CCS directive

Šogenova, Alla; Šliaupa, Saulius; **Šogenov, Kazbulat;** Šliaupiene, Rasa; Pomeranceva, Raisa; **Vaher, Rein;** **Uibu, Mai;** **Kuusik, Rein,** keemik 5th Congress of Balkan Geophysical Society Geophysics at the Cross-roads : 10-16 May 2009, Belgrade, Serbia

2009 / [6] p <https://www.etis.ee/Portal/Publications/Display/ec0af0a8-42ca-479d-823c-9cef94948ca7>

Chemical composition and physical properties of the rock

Šogenova, Alla; Šogenov, Kazbulat Männamaa (F-367) drill core 2008 / p. 33-37 : ill

CO₂ geological storage and mineral trapping potential in the Baltic region

Šogenova, Alla; Šliaupa, Saulius; **Šogenov, Kazbulat;** Šliaupiene, Rasa; Pomeranceva, Raisa; **Uibu, Mai;** **Kuusik, Rein,** keemik

Slovak geological magazine 2008 / p. 5-14 : ill

CO₂ geological storage capacity analysis in Estonia and neighbouring regions

Šogenova, Alla; Šogenov, Kazbulat; **Vaher, Rein;** **Ivask, Jüri;** Šliaupa, Saulius; Vangkilde-Pedersen, Thomas; **Uibu, Mai;**

Kuusik, Rein, keemik Energy procedia 2011 / p. 2785-2792 : ill

CO₂ geoloogiline ladustamisvõime - maapõue uus ressurss

Šogenova, Alla; Vaher, Rein; **Ivask, Jüri;** **Šogenov, Kazbulat** Maa ressursid : [7. geoloogia sügiskooli artiklid ja ettekanded]

2011 / lk. 67-72 : ill

Composition and properties of the iron hydroxides-cemented lenses in Estonian sandstone of Middle Devonian Age

Šogenova, Alla; Kleesment, Anne-Liis; Hirt, Ann; **Pirrus, Enn-Aavo;** **Kallaste, Toivo;** **Šogenov, Kazbulat;** **Vaher, Rein** Studia

geophysica et geodaetica 2009 / 1, p. 111-131

Correlation of Ordovician rocks by gamma ray logs and petrophysical data: case study from South Estonia

Šogenov, Kazbulat; **Šogenova, Alla** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts

& field guide 2008 / p. 64

Cost-competitive and self-supporting geothermal energy, CO₂-EOR and CO₂ storage concept : case study of the E6 structure in the Baltic Sea

Šogenov, Kazbulat; **Šogenova, Alla** 14th Greenhouse Gas Control Technologies Conference Melbourne 21-26 October 2018

(GHGT-14) 2019 / 8 p. : ill https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3366151

Definition of a methodology for the development of a techno-economic study for CO₂ transport, storage and utilization : Deliverable D7.1 of the Horizon 2020 CLEANER project [Online resource]

Šogenova, Alla; **Šogenov, Kazbulat** 2020 "[cleaner](#)"

Diagenetic influences on iron-bearing minerals in Devonian carbonate and siliciclastic rocks of Estonia

Šogenova, Alla; Kleesment, Anne-Liis Proceedings of the Estonian Academy of Sciences. Geology 2006 / 4, p. 269-295 : ill

Dolomitization and sedimentary cyclicity of the Ordovician, Silurian, and Devonian rocks in South Estonia

Teedumäe, Aada; **Šogenova, Alla;** **Kallaste, Toivo** Proceedings of the Estonian Academy of Sciences. Geology 2006 / 1, p. 67-87

: ill

Eesti tööstuslike CO₂ emissioonide geoloogiline ladustamine ja/või karbonaatne neutraliseerimine - võistlevad või täiendavad tehnoloogiad?

Šogenova, Alla; **Ivask, Jüri;** **Šogenov, Kazbulat** XX Aprillikonverentsi "Rakendusgeoloogilistest uuringutest Eestis" teesid 2012 /

lk. 40-43

Estonian geological sections. Bulletin 6. Mehikoorma (421) Drill core / Eesti tugiläbilõiked. Bülletään 6. Mehikoorma (421) puursüdamik/ (67 lk, 1 CD; trükiarv 500) : [2005. a. lõpetatud töö referaat]

Põldvere, Anne; **Hints, Linda;** **Kallaste, Toivo;** **Kiipli, Tarmo;** **Kleesment, Anne-Liis;** **Mark-Kurik, Elga;** **Lääts, Jaanika;** **Martma,**

Tõnu; Männik, Peep; Nõlvak, Jaak; Šogenova, Alla; Viira, Viive Eesti Geoloogiakeskuse aastaraamat 2005 2006 / lk. 70-71
https://artiklid.elnet.ee/record=b2252828*est

Estonian geological sections. Bulletin 9. Männamaa (F-367) drill core / Eesti geoloogilised läbilõiked. Bülletään 9. Männamaa (F-367) puursüdamik / (55 lk, 1 CD, trükiarv 500)

Põldvere, Anne; Aaloe, Aasa; Ainsaar, Leho; **Kallaste, Toivo; Kiipli, Tarmo; Meidla, Tõnu; Mens, Kaisa; Niin, Mati; Nõlvak, Jaak;** Orlova, Kiira; Suuroja, Kalle; **Šogenova, Alla; Šogenov, Kazbulat;** Tinn, Oive; Uutela, Anneli; Viira, Viive Eesti Geoloogiakeskuse aastaraamat 2008 2009 / lk. 71-72 : ill https://www.ester.ee/record=b1223619*est

Estonian geological sections. Bulletin 10. Viki drill core / Eesti geoloogilised läbilõiked. Bülletään 10. Viki puursüdamik / (56 lk, 1 CD, trükiarv 500)

Põldvere, Aivar; Kalberg, Anna-Liisa; **Kallaste, Toivo; Kiipli, Tarmo; Meidla, Tõnu; Männik, Peep; Nestor, Heldur; Nestor, Viiv-Kai; Nõlvak, Jaak;** Plado, Jüri; Schleifer, Norbert; **Šogenova, Alla; Šogenov, Kazbulat;** Tinn, Oive; **Voolma, Margus** Eesti Geoloogiakeskuse aastaraamat 2010 2011 / lk. 65-66 : ill

Ex-situ and in-situ mineral carbonation : alternative technology to mitigate climate change

Šogenova, Alla; Kuusik, Rein, keemik; McGrail, B. Peter GEO ENeRGY : the newsletter of the ENeRG Network 2012 / p. [2] : ill

Fostering circular economy approach in extractive industry-related study programs – the CIRCEXTIN project

Lutynski, M.; Murphy, M.; **Šogenov, Kazbulat; Šogenova, Alla;** Wolf, K.-H.; Soleymani Shishvan, M.; Ortega, M.F.; García-Martínez, M.J.; Mora, P.; Mazurek, M. IOP conference series : earth and environmental science 2023 / art. 012007, 6 p. : ill
<https://doi.org/10.1088/1755-1315/1132/1/012007>

Geological storage and mineral trapping of industrial CO2 emissions - prospects in the Baltic Region

Šogenova, Alla; Sliupa, Saulius; **Šogenov, Kazbulat;** Sliapiene, Rasa; Pomeranceva, Raisa; **Uiibu, Mai; Kuusik, Rein, keemik** First CO2 Geological Storage Workshop, 29-30 September 2008, Budapest, Hungary. A04 2008 / p. 25-30

Geological storage of industrial CO2 emissions - prospects in the Baltic States : problems and prospects

Šogenova, Alla; Sliupa, Saulius; **Šogenov, Kazbulat;** Sliapiene, Rasa; **Vaher, Rein;** Zabele, Angelina 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. 65-66 : map https://www.ester.ee/record=b2291667*est

Implementation of the EU CCS directive in Europe: results and development in 2013

Šogenova, Alla; Pressens, Kris; Holloway, Sam; Bentham, Michelle; Martinez, Roberto; Flomes, Kristin M.; Poulsen, Niels F.; Wójcicki, Adam; Sliupa, Saulius; Kucharič, Ludovit; Dudu, Alexandra; Persoglia, Sergio; Hladik, Vit; Saftic, Bruno; Kvassnes, Astri; **Šogenov, Kazbulat; Ivask, Jüri;** Suarez, Isabel; Sava, Constantin; Sorin, Anghel; Chikkatur, Ananth Energy procedia 2014 / p. 6662-6670 <https://doi.org/10.1016/j.egypro.2014.11.700>

Industrial carbon dioxide emissions and potential geological sinks in the Baltic states

Sliupa, Saulius; **Šogenova, Alla; Šogenov, Kazbulat;** Sliapiene, Rasa; Zabele, A.; **Vaher, Rein** Oil shale 2008 / 4, p. 465-484 : ill

Innovative synergy CCUS and renewable energy project offshore Baltic using CO2 emissions from the cement industry

Šogenov, Kazbulat; Šogenova, Alla Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 11 p.: ill <https://ssrn.com/abstract=3812387>

Integrated use of subsurface and CO2 for enhanced recovery of resources - way to sustainable development and synergy with renewable energy

Šogenova, Alla; Šogenov, Kazbulat 79th EAGE Conference and Exhibition 2017 : Paris, France, June 12-15, 2017 2017 / p. 1-5
<http://dx.doi.org/10.3997/2214-4609.201701375>

Integration of Buzzi and Heidelberg cement plants into the first operating and planned CCUS Cluster Projects Worldwide, using CLEANKER Project GIS Database

Šogenova, Alla; Šogenov, Kazbulat; Ivask, Jüri; Habicht, Glea; Gastaldi, Daniela; Pellegrino, Guido Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://ssrn.com/abstract=3813982>
<https://doi.org/10.2139/ssrn.3813982>

Introduction to BASRECCS-ENOS workshop

Šogenova, Alla enos-project.eu 2018 / 10 p. : ill <http://www.enos-project.eu/media/15328/1-shogenova-introduction.pdf> <http://www.enos-project.eu/highlights/conference/basreccs-enos-workshop/>

Kas on võimalik vähendada Eesti põlevkivide põletamisel tekkivaid CO2 emissioone: regionaalsed perspektiivid ja võimalikud stsenaariumid

Šogenova, Alla; Šogenov, Kazbulat; Neele, Filip; **Ivask, Jüri; Vaher, Rein** XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid 2011 / lk. 21-25 : kaart

Kuidas leevendada kliimamuutusi : süsihappegaasi püüdmine ja ladustamine (CCS) - Eesti perspektiivid

Šogenova, Alla; Šogenov, Kazbulat; Vaher, Rein; Ivask, Jüri Globaalsed muutused 2010 / lk. 97-103, 136 : ill

Linkage of diagenesis to depositional environments and stratigraphy in the northern part of the Baltic basin

Kleesment, Anne-Liis; Kirsimäe, Kalle; Martma, Tõnu; Šogenova, Alla; Urtson, Kristjan; Šogenov, Kazbulat Estonian journal of earth sciences 2012 / p. 15-32 : ill https://artiklid.elnet.ee/record=b2480019*est

Lithology and evolution of Devonian carbonate and carbonate-cemented rocks in Estonia

Kleesment, Anne-Liis; Šogenova, Alla Proceedings of the Estonian Academy of Sciences. Geology 2005 / 3, p. 153-180 : ill

Maapõue integreeritud ja säästlik energiakasutus

Ivask, Jüri; Šogenova, Alla; Šogenov, Kazbulat XXIV aprillikonverents "Maapõuekasutus ja keskkonnahoid" : teesid 2016 / lk. 42-45 : ill

New CO₂ and Hydrogen storage site marketing : how to make your storage site unique and attractive? : [abstract]

Šogenov, Kazbulat; Šogenova, Alla Baltic Carbon Forum 2022 / p. 2-3 <https://doi.org/10.21595/bcf.2022.22840>

New economic concept of synergy of CO₂ geological storage and enhanced oil recovery in E6 structure offshore Latvia

Šogenov, Kazbulat; Šogenova, Alla 79th EAGE Conference and Exhibition 2017 : Paris, France, June 12-15, 2017 2017 / p. 1-5 <http://dx.doi.org/10.3997/2214-4609.201700761>

North Italian CCS scenario for the cement industry

Šogenova, Alla; Šogenov, Kazbulat; Mariani, Martina; Gastaldi, Daniela; Pellegrino, Guido Chemical engineering transactions 2022 / p. 115-120 : ill <https://doi.org/10.3303/CET2296020> [Journal metrics at Scopus](#) [Article at Scopus](#)

Options for geological storage of CO₂ in the Baltic Sea region

Šliaupa, Saulius; Šogenova, Alla; Šogenov, Kazbulat; Kuusik, Rein, keemik 3rd International Conference Geosciences and Environment : 27-29 May 2012, Belgrade 2012 / p. 80-83 : ill

Petroleum source rock evaluation of the Alum and Dictyonema Shales (Upper Cambrian-Lower Ordovician) in the Baltic Basin and Podlasie Depression (eastern Poland)

Kosakowski, Pawel; Kotarba, Maciej J.; Piestrzynski, Adam; Šogenova, Alla; Wieclaw, Dariusz International journal of earth sciences 2017 / p. 743-761 : ill <https://doi.org/10.1007/s00531-016-1328-x>

Petrophysical and numerical seismic modelling of CO₂ geological storage in the E6 structure, Baltic Sea, offshore Latvia

Šogenov, Kazbulat; Gei, Davide; Forlin, Edy; Šogenova, Alla Petroleum geoscience 2016 / p. 153-164 <https://doi.org/10.1144/petgeo2015-017>

Petrophysical models of the CO₂ plume at prospective storage sites in the Baltic Basin = CO₂ voo petrofüüsikalised mudelid Balti basseini perspektiivsetes ladustamiskohtades

Šogenov, Kazbulat 2015

Possibilities for geological storage and mineral trapping of industrial CO₂ emissions in the Baltic region

Šogenova, Alla; Šliaupa, Saulius; Šogenov, Kazbulat; Šliaupiene, Rasa; Pomeranceva, Raisa; Vaher, Rein; Uibu, Mai; Kuusik, Rein, keemik Energy procedia 2009 / p. 2753-2760 : ill

Potential structures for CO₂ geological storage in the Baltic Sea : case study offshore Latvia

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavvadias, Olga Bulletin of the Geological Society of Finland 2013 / p. 65-81 : ill

Põlevkivi mõju Eesti devoni kivimitele

Kleesment, Anne-Liis; Šogenova, Alla; Šogenov, Kazbulat XVI aprillikonverentsi "Põlevkivimaa - probleemid ja tulevik" teesid : [4. aprill 2008, Tallinn] 2008 / lk. 30-32 : ill https://www.ester.ee/record=b2522359*est

Põlevkivi roll CO₂ emissioonis Balti piirkonnas

Šogenova, Alla; Šliaupa, Saulius; Šogenov, Kazbulat; Šliaupiene, Rasa; Vaher, Rein Eesti Põlevloodusvarad ja -jäätmed 2007 / 1/2, lk. 27-28 : ill

Põlevkivienergeetika maha kandmine tuleb teadmatusest

Šogenova, Alla postimees.ee 2023 [Põlevkivienergeetika maha kandmine tuleb teadmatusest](#)

Regional and national regulations, gaps and recommendations for CCUS scenarios [Online resource]

Šogenova, Alla; Šogenov, Kazbulat; Ivask, Jüri 2018 <http://www.cleanker.eu/downloads/public-deliverables/d73-regional-and-national-regulations-gaps-and-recommendations-for-ccus-scenarios.html>

Regulations, gaps and recommendations for CO₂ use in the Baltic States : (Based on CLEANER Project results)

Šogenova, Alla enos-project.eu 2018 / 23 p. : ill <http://www.enos-project.eu/media/15322/7-shogenova-baltic-regulations.pdf>

Reservoir quality and petrophysical properties of Cambrian sandstones and their changes during the experimental modelling of CO₂ storage in the Baltic Basin

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavvadias, Olga; Nauroy, Jean-Francois Estonian journal of earth sciences 2015 / p. 199-217 : ill https://artiklid.elnet.ee/record=b2739504*est

Summarising the state-of-play on geological CO₂ storage in ESTONIA (EE; as of 30th June 2021)

Šogenova, Alla State-of-play on CO₂ geological storage in 32 European countries 2021 / p. 141-147
https://doi.org/10.25928/co2geonet_eu32-o21u

Summarising the state-of-play on geological CO₂ storage in FINLAND (FI; as of 30th June 2021)

Arasto, Antti; Šogenova, Alla State-of-play on CO₂ geological storage in 32 European countries 2021 / p. 148-162
https://doi.org/10.25928/co2geonet_eu32-o21u

Summarising the state-of-play on geological CO₂ storage in LATVIA (LV; as of 30th June 2021)

Šogenova, Alla State-of-play on CO₂ geological storage in 32 European countries 2021 / p. 208-213
https://doi.org/10.25928/co2geonet_eu32-o21u

Summarising the state-of-play on geological CO₂ storage in LITHUANIA (LT; as of 30th June 2021)

Šogenova, Alla State-of-play on CO₂ geological storage in 32 European countries 2021 / p. 214-218
https://doi.org/10.25928/co2geonet_eu32-o21u

Süsinikdioksiidi heidete kaardistamine : esimene samm CO₂ geoloogiliseks ladustamiseks ja kliimamuutuste leevendamiseks Balti piirkonnas

Šogenova, Alla; Šliaupa, Saulius; Šogenov, Kazbulat; Vaher, Rein; Šliaupene, Rasa XV aprillikonverentsi "Geoloogilise kaardistamise poolsajand" teesid : [30. märts 2007] 2007 / lk. 29-31 : kaart https://www.ester.ee/record=b2461268*est

Synergy of CO₂ storage and oil recovery in different geological formations : case study in the Baltic Sea

Šogenov, Kazbulat; Šogenova, Alla; Gei, Davide; Forlin, Edy Energy procedia 2017 / p. 7047-7054 : ill
<https://doi.org/10.1016/j.egypro.2017.03.1846>

TalTechi teadur: süsinikdioksiid tuleb kinni püüda

Šogenova, Alla aripaev.ee 2021 ["TalTechi teadur: süsinikdioksiid tuleb kinni püüda"](#)

TalTechi teadur: valitsuse uus suund energeetikas on läbi mõtlemata

toostusuudised.ee 2023 [TalTechi teadur: valitsuse uus suund energeetikas on läbi mõtlemata](#)

Teadlane : ka Eesti maapõues saaks CO₂ ladustada ja siis näiteks maasooja toota

Poom, Raimo; Šogenova, Alla Eesti Päevaleht 2019 / lk. 18-19

Techno-economic modelling of the Baltic CCUS onshore scenario

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl Baltic Carbon Forum 2022 / p. 4
<https://doi.org/10.21595/bcf.2022.22841>

Techno-economic modelling of the Baltic CCUS onshore scenario : [PowerPoint presentation]

Šogenova, Alla; Šogenov, Kazbulat; Simmer, Karl; Uibu, Mai; Kuusik, Rein, keemik 2022
[https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20\(TalTech.%20Estonia\)%20.pdf](https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20(TalTech.%20Estonia)%20.pdf)

Techno-economic modelling of the Baltic CCUS onshore scenario for the cement industry supported by CLEANKER project

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl; Canonico, Fulvio Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 13 p. : ill <https://ssrn.com/abstract=3817710>
<https://doi.org/10.2139/ssrn.3817710>

Temporal evolution, petrography and composition of dolostones in the Upper Devonian Plavinas Regional Stage, southern Estonia and northern Latvia

Kleesment, Anne-Liis; Urtson, Kristjan; Kiipli, Tarmo; Martma, Tõnu; Põldvere, Anne; Kallaste, Toivo; Šogenova, Alla; Šogenov, Kazbulat Estonian journal of earth sciences 2013 / p. 139-159 : ill https://artiklid.elnet.ee/record=b2624772*est

The Baltic Basin : structure, properties of reservoir rocks, and capacity for geological storage of CO₂

Šogenova, Alla; Šliaupa, Saulius; Vaher, Rein; Šogenov, Kazbulat; Pomeranceva, Raisa Estonian journal of earth sciences 2009 / 4, p. 259-267 : ill https://artiklid.elnet.ee/record=b1944227*est

3D geological and petrophysical numerical models of E6 structure for CO₂ storage in the Baltic Sea

Šogenov, Kazbulat; Forlin, Edy; Šogenova, Alla Energy procedia 2017 / p. 3564-3571 : ill
<https://doi.org/10.1016/j.egypro.2017.03.1486>

Underground hydrogen storage in the Baltic Countries : future outlook for Latvia and Estonia

Šogenov, Kazbulat; Šogenova, Alla; Šliaupa, Saulius 83rd EAGE Annual Conference & Exhibition, Jun 2022 2022 / p. 1-5
<https://doi.org/10.3997/2214-4609.202210772>

Underground hydrogen storage in the Baltic Countries : future outlook for Lithuania

Šogenov, Kazbulat; Šogenova, Alla; Šliaupa, Saulius 83rd EAGE Annual Conference & Exhibition, Jun 2022 2022 / p. 1-5
<https://doi.org/10.3997/2214-4609.202210707>

Unusual features of the Middle Devonian Narva Formation covering the oil shale bearing rocks in Estonia

Kleesment, Anne-Liis; Šogenova, Alla; Šogenov, Kazbulat Oil shale 2007 / 3, p. 434-449 : ill
https://artiklid.elnet.ee/record=b2374071*est

Вместо того чтобы списывать со счетов горючий сланец, следует инвестировать в улавливание CO2

Šogenova, Alla rus.postimees.ee 2023 [Вместо того чтобы списывать со счетов горючий сланец, следует инвестировать в улавливание CO2](#)

Научный сотрудник TalTech: Эстония должна заняться улавливанием CO2 [Online resource]

Šogenova, Alla dv.ee 2021 ["Научный сотрудник TalTech: Эстония должна заняться улавливанием CO2"](#)

Что в самом деле означает геологическое хранение CO2?

2012 http://www.ester.ee/record=b2754755*est