

Adding waste paper to clay plaster to raise its ability to buffer moisture

Nutt, Nele; Kubjas, Ardo; Nei, Lembit Proceedings of the Estonian Academy of Sciences 2020 / p. 179–185 : ill

<https://doi.org/10.3176/proc.2020.3.01> https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air quality microbiological studies in straw bale and reed houses : poster abstract

Raamets, Jane; Ruus, Aime; Ivask, Mari; Nei, Lembit Biotechnology & Biotechnological Equipment 2021 / S120

<https://doi.org/10.1080/13102818.2020.1871545>

Artificial rope - wick roots improve the germination and establishment of tree species

Järvis, Jüri; Ivask, Mari; Nei, Lembit Seed science and technology 2012 / p. 433–436 : ill

https://www.researchgate.net/publication/236164191_Artificial_rope-wick_roots_improve_the_germination_and_establishment_of_tree_species

Avati Tallinna Tehnikaülikooli Tartu Kolledž : [10. septembril 2008 : direktor Lembit Nei kommentaariga]

Nei, Lembit Mente et Manu 2007 / 12. sept., lk. 1 : fot https://www.ester.ee/record=b1242496*est

Avati TTÜ Tartu kolledž : [10. sept. 2007 : kolledži juhi Lembit Nei, TTÜ rektori Peep Sürje ja TTÜ arendusprorektori Andres Keevalliku kommentaaridega]

Vähi, Kersti; Nei, Lembit; Sürje, Peep; Keevallik, Andres Õpetajate Leht 2007 / 7. sept., lk. 12

Chemistry in college-level environmental science curricula

Alegria, Henry A.; Nei, Lembit European Scientific Journal 2014 / p. 89–94

Composting studies in Estonia

Haiba, Egge; Nei, Lembit 7th SETAC World Congress/SETAC North America 37th Annual Meeting : Orlando, Florida, 6–10 November 2016 : abstract book 2016 / p. 29

Degradation of carbamazepine and triclosan in sewage sludge mixtures used for fertilizing agricultural soils

Nei, Lembit; Haiba, Egge; Raamets, Jane; Herodes, Koit Soil science annual 2024 / art. 189545

<https://doi.org/10.37501/soilsa/189545>

Degradation of diclofenac and triclosan residues in sewage sludge compost

Haiba, Egge; Nei, Lembit; Kutti, Sander; Lillenberg, Merike; Herodes, Koit; Ivask, Mari; Kipper, Karin; Aro, Rein; Laaniste, A.

Agronomy research 2017 / p. 395–405 : ill https://agronomy.emu.ee/wp-content/uploads/2017/05/Vol15nr2_Haiba.pdf#abstract-5229 [Journal metrics at Scopus](#) [Article at Scopus](#)

Degradation of pharmaceutical and personal care products using sewage sludge composting

Haiba, Egge; Nei, Lembit LINNAEUS ECO-TECH 2018 : International conference on natural sciences and technologies for waste and wastewater treatment remediation emissions related to climate environmental and economic effects : The Eleventh International Conference on the Establishment of Cooperation between Companies and Institutions in the Nordic Countries, the Baltic Sea Region, and the World : book of abstracts 2018 / p. 125 <https://open.lnu.se/index.php/eco-tech/issue/view/59/Full%20issue>

Degradation studies of some pharmaceuticals present in Sewage Sludge

Nei, Lembit; Haiba, Egge SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs.: 3.20.P-Th357

<https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/21031>

Determination of antibiotic residues in sewage sludge by pressurized liquid extraction and LC-ESI-MS

Kipper, Karin; Lillenberg, Merike; Yurchenko, Sergei; Herodes, Koit; Pihl, Viljar; Sepp, Kalev; Lõhmus, Rünno; Nei, Lembit

NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26–29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 102

Domestic organic waste treatment through vermitechnology

Ivask, Mari; Olle, Lilian; Nei, Lembit Waste management & research 2013 / p. 878 <https://doi.org/10.1177/0734242X13493730> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of green waste compost application on afforestation success

Järvis, Jüri; Ivask, Mari; Nei, Lembit; Kuu, Annely; Luud, Aarne Baltic forestry 2016 / p. 90–97 : ill

https://www.balticforestry.mi.lt/bf/PDF_Articles/2016-22%5B1%5D/e-Baltic%20Forestry%202016.1_90-97%20psl.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact and future of artificial intelligence in medical genetics and molecular medicine : an ongoing revolution

Ozcelik, Firat; Dundar, Mehmet Sait; Yildirim, A. Baki; Henehan, Gary; Vicente, Oscar; Sanchez-Alcazar, Jose; Gokce, Nuriye; Yildirim, Duygu T.; Bingol, Nurdeniz Nalbant; Nei, Lembit Functional & integrative genomics 2024 / art. 138

<https://doi.org/10.1007/s10142-024-01417-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indoor air microbiological quality in reed-bale and straw-bale houses in Estonia = Siseõhu mikrobioloogiline kvaliteet Eesti roo- ja põhupakist elamutes

Raamets, Jane 2020 https://www.ester.ee/record=b5386390*est <https://digikogu.taltech.ee/et/Item/e5c72b6e-c7fa-4744-bbd2-89df4e235339>

Innovatsioon keskkonnamõõtmises ühendab droonid ja vihmaussid

Ivask, Mari; Rüütl, Rinaldo; Lepasaar, Tiit; Nei, Lembit; Raamets, Jane; Kuu, Annely Jälg 2019 / lk. 52-58

https://www.ester.ee/record=b5154573*est

Keskkonda kuhjuvatest ravimijääkidest võib pakkuda väljapääsu kompostimine

Traks, Kristina novaator.err.ee 2023 [Keskkonda kuhjuvatest ravimijääkidest võib pakkuda väljapääsu kompostimine](#)

Lühiülevaade: Ravimijäägid reoveesetesse ja nende lagunemine kompostimisel – viimase aastakümne uuringud Eestis

Nei, Lembit; Haiba, Egge; Lillenberg, Merike Agraarteadus = Journal of agricultural science 2020 / p. 47-52

<https://doi.org/10.15159/jas.20.02> <https://dea.digar.ee/cgi-bin/dea?a=cl&cl=CL1&sp=AKagraarteadus> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mould resistance of paper plaster made from cellulose-containing waste

Raamets, Jane; Nutt, Nele; Rudisaar, R; Nei, Lembit; Olle, Margit Latvian journal of physics and technical sciences 2025 / p. 32-

38 <https://doi.org/10.2478/lpts-2025-0003>

Novel approach to making environmentally-friendly plaster - moisture buffer value of plaster made of wastepaper and different glues

Nutt, Nele; Nei, Lembit; Muoni, Helgi; Kubjas, Ardo; Raamets, Jane Latvian journal of physics and technical sciences 2024 / p. 59-68

Novel approaches to bioindication of heavy metals in soils contaminated by oil shale wastes

Nei, Lembit; Kruusma, J.; Ivask, Mari; Kuu, Annely Oil shale 2009 / 3, p. 424-431 https://artiklid.elnet.ee/record=b1947077*est

Novel technology for utilization of solid organic waste in recultivation of abandoned mining areas = Tehnoloogia väljatöötamine tahkete orgaaniliste jäätmete kasutamiseks endiste kaevandusalade rekultiveerimisel

Järvis, Jüri 2018 <https://digi.lib.ttu.ee/i/?10986> https://www.ester.ee/record=b5158913*est

On the degradation of metformin and carbamazepine residues in sewage sludge compost

Haiba, Egge; Nei, Lembit; Herodes, Koit; Ivask, Mari; Lillenberg, Merike Agronomy research 2018 / p. 696-707

<https://doi.org/10.15159/AR.18.123> [Journal metrics at Scopus](#) [Article at Scopus](#)

On the degradation of metformin and carbamazepine residues in sewage sludge compost [Online resource]

Haiba, Egge; Nei, Lembit; Herodes, Koit; Ivask, Mari; Lillenberg, Merike 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 26 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

On the degradation of some widely used pharmaceuticals during sewage sludge composting : poster abstract

Nei, Lembit; Haiba, Egge; Nei, Sandra Victoria Biotechnology & Biotechnological Equipment 2021 / S124

<https://doi.org/10.1080/13102818.2020.1871545>

Optimization of sewage sludge composting : problems and solutions = Reoveesette kompostimistehnoloogiate optimeerimine ravimijääkide kahjutustamise eesmärgil

Haiba, Egge 2017 <https://digi.lib.ttu.ee/i/?9120> https://www.ester.ee/record=b4747822*est

Pharmaceuticals and sewage sludge compost

Nei, Lembit; Haiba, Egge; Lillenberg, Merike 3rd International Congress on Water, Waste and Energy Management : 18-20 July, 2016, Rome, Italy : abstracts book 2016 / p. 186-187

Preliminary assessment of afforestation of cutover peatland with spot application of sewage sludge compost

Järvis, Jüri; Ivask, Mari; Nei, Lembit; Kuu, Annely; Haiba, Egge Baltic forestry 2017 / p. 644-657 : ill

https://balticforestry.lammi.lt/bf/PDF_Articles/2017-23%5B3%5D/Baltic%20Forestry%202017.3_644-657.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Raskmetalli-ioonide määramine vihmaussidest kui mulla keskkonnakeemilise seisundi bioindikaatoritest

Kruusma, J.; Ivask, Mari; Nei, Lembit XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 60-61

Ravimijäägid looduskeskkonnas

Lillenberg, Merike; Haiba, Egge; Nei, Lembit Eesti Loodus 2012 / lk. 71-75 : ill https://artiklid.elnet.ee/record=b2495407*est

Reoveesette sobivusest põlluväetiseks

Lillenberg, Merike; **Haiba, Egge; Nei, Lembit** Keskkonnatehnika 2011 / 8, lk. 16-18 : ill https://keskkonnatehnika.ee/wp-content/uploads/2017/09/KKT_2011_08.pdf

Reoveesetest valmistatud komposti peab hoolega kontrollima

Nei, Lembit; Lillenberg, Merike Keskkonnatehnika 2009 / 7, lk. 12-13 : ill https://artiklid.elnet.ee/record=b1502399*est

Richard Compton: Thought leader, educator and Bon Vivour

Eklund, John; **Nei, Lembit** Journal of electroanalytical chemistry 2020 / art. 114279, p. 1-3

<https://doi.org/10.1016/j.jelechem.2020.114279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sewage sludge - a nutrient-rich fertilizer or hazardous waste?

Nei, Lembit; Lillenberg, Merike; **Haiba, Egge** Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010 2010 / p. 17-21 : ill

Sewage sludge composting and fate of pharmaceutical residues - recent studies in Estonia

Haiba, Egge; Nei, Lembit; Ivask, Mari; Järvis, Jüri; Lillenberg, Merike; Kipper, Karin; Herodes, Koit Agronomy research 2016 / p. 1583-1600 : ill http://www.ester.ee/record=b1787401*est <http://agronomy.emu.ee/category/volume-14/number-5/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sewage sludge composting and pharmaceuticals

Haiba, Egge; Nei, Lembit European scientific journal 2017 / p. 114-121 : ill <https://eujournal.org/index.php/esj/article/view/9193>

Sewage sludge composting and pharmaceuticals

Haiba, Egge; Nei, Lembit 7th International Scientific Forum, ISF 2017 : 7-9 February, Oxford, UK : proceedings 2017 / p. 114-121

Sewage sludge, pharmaceuticals and composting

Nei, Lembit; Haiba, Egge Journal of biotechnology 2019 / p. S33 <https://doi.org/10.1016/j.jbiotec.2019.05.120>

Simultaneous determination of fluoroquinolones and sulfonamides originating from sewage sludge compost

Kipper, Karin; Lillenberg, Merike; Herodes, Koit; **Nei, Lembit; Haiba, Egge** The scientific world journal 2017 / art. 9254072, 8 p. : ill <https://doi.org/10.1155/2017/9254072> [Journal metrics at Scopus](#) [Article at Scopus](#)

Siseõhu kvaliteet põhu- ja pilliroopakkidest seintega elumajades

Raamets, Jane; Ruus, Aime; Ivask, Mari; Nei, Lembit; Muoni, Karin Agraarteadus = Journal of agricultural science 2020 / lk. 84-95 : ill <https://doi.org/10.15159/jas.20.05> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sissejuhatus keskkonnakeemiasse

Nei, Lembit; Koorits, Aksel 2005 https://www.ester.ee/record=b2074781*est

Soil invertebrates in semi-coke heaps of Estonian oil shale industry

Kalda, Kai; Ivask, Mari; Kutti, Sander; Kuu, Annely; Meriste, Mart; Nei, Lembit; Peda, Jane; Raukas, Anto Oil shale 2015 / p. 82-97 : ill https://artiklid.elnet.ee/record=b2716302*est <https://doi.org/10.3176/oil.2015.1.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulfoonamiidide ja fluorokinoloonide akumulatsioonide mullast taimedesse

Lillenberg, Merike; Kipper, Karin; Herodes, Koit; Astover, Alar; Toomsoo, Avo; Anton, Dea; **Nei, Lembit** Agraarteadus = Journal of agricultural science 2023 / p. 9-17 : ill <https://doi.org/10.15159/jas.23.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

Tallinna Tehnikaülikool Tartus : Säästva Tehnoloogia Instituudist sai Tartu Kolledž

Nei, Lembit Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 160-161

Tallinna Tehnikaülikool Tartus : [Tartus loodi 2005. a. TTÜ Säästva Tehnoloogia Instituut]

Nei, Lembit Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 163-164

Tartu kolledž tõusulainel

Nei, Lembit Mente et Manu 2019 / lk. 35 : fot https://www.ester.ee/record=b1242496*est https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html

2. aprillil toimub tehnikaülikooli Tartu Kolledžis matemaatika sisseastumiskatse

Nei, Lembit Koit 2016 / lk. 7 <http://dea.digar.ee/article/koit/2016/03/29/10.3>

The Effects of Natural Paint on the Moisture Buffering Ability of Paper Plaster

Nutt, Nele; Kubjas, Ardo; Nei, Lembit; Ruus, Aime Latvian journal of physics and technical sciences 2020 / p. 51-60 : ill <https://doi.org/10.2478/lpts-2020-0027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ Tartu kolledž

Nei, Lembit Uuele kvaliteedile ja vääriskale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 396-401 : fot
http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Using chalk instead of paints in paper plaster

Nutt, Nele; Nei, Lembit; Olle, Margit Latvian journal of physics and technical sciences 2025 / p. 80-86 <https://doi.org/10.2478/lpts-2025-0031>

Üha enam riike keelustab e-sigarette. Mida näitavad uuringud Eestis?

Meitern, Annika Joy; Nei, Lembit; Veerverson, Brigitta ohtuleht.ee 2024 [Üha enam riike keelustab e-sigarette. Mida näitavad uuringud Eestis?](#)

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tartu Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Nei, Lembit; Keenberg, Anne; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 297-310

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tartu Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Keenberg, Anne; Nei, Lembit; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2008 2009 / lk. 314-327

Ülikooli asutused : [TTÜ Geoloogia Instituut ; TTÜ Küberneetika Instituut ; TTÜ Meresüsteemide Instituut ; TTÜ Säästva Tehnoloogia Instituut ; TTÜ Kuressaare Kolledž ; TTÜ Tehnomeedikum ; TTÜ Sertifitseerimisasutus]

Soesoo, Alvar; Penjam, Jaan; Elken, Jüri; Nei, Lembit; Keenberg, Anne; Meigas, Kalju; Laur, Toomas Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 276-290 https://artiklid.elnet.ee/record=b1021004*est