

Afforestation and abandonment of seminatural grasslands lead to biodiversity loss and a decline in ecosystem services and functions

Prangel, Elisabeth; Kasari; Toussaint, Liis; Neuenkamp, Lena; Noreika, Norbertas; Karise, Reet; Marja, Riho; Ingerpuu, Nele; Kupper, Tiit; Keerberg, Liis; **Ivask, Mari** Journal of Applied Ecology 2023 / 12 p <https://doi.org/10.1111/1365-2664.14375> [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>

The antimicrobial effect of three different chemicals for the treatment of straw bales used in housing projects

Raamets, Jane; Kutti, Sander; Vettik, A.; Ilustrumm, Kaarel; Rist, T.; Ivask, Mari Sustainable Housing 2016 : International Conference on Sustainable Housing Planning, Management and Usability : book of abstracts : Porto, Portugal, 16-18 November 2016 / p. 74

The antimicrobial effect of three different chemicals for the treatment of straw bales used in housing projects

Raamets, Jane; Kutti, Sander; Vettik, A.; Ilustrumm, Kaarel; Rist, T.; Ivask, Mari Sustainable Housing 2016 : proceedings of the International Conference on Sustainable Housing Planning, Management and Usability : Porto, Portugal, 16-18 November 2016 / p. 537-545

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

Assessment of indoor air in Estonian straw bale and reed houses

Raamets, Jane; Kutti, Sander; Ruus, Aime; Ivask, Mari Air Pollution XXV 2017 / p. 193-196 : tab <https://doi.org/10.2495/AIR170191> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of indoor air quality and hygrothermal conditions of boarders during autumn, winter and spring in two of Estonian straw-bale houses

Raamets, Jane; Ruus, Aime; Ivask, Mari Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 815-823 https://doi.org/10.1007/978-3-030-00662-4_68

The assessment of soil quality in contrasting land-use and tillage systems on farm fields with stagnic luvisol soil in Estonia

Sutri, Merit; Shanskiy, Merrit; Ivask, Mari; Reintam, Endla Agriculture 2022 / art. 2149 <https://doi.org/10.3390/agriculture12122149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biodiversity composition reflects the history of ancient semi-natural woodland and forest habitats - Compilation of an indicator complex for restoration practice

Palo, Anneli; Ivask, Mari; Liira, Jaan Ecological Indicators 2013 / p. 336 - 344 <https://doi.org/10.1016/j.ecolind.2013.05.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biological diversity of agricultural soils in Estonia = Põllumajanduslike muldade bioloogiline mitmekesisus Eestis

Kuu, Anneli 2008 <https://digi.lib.ttu.ee/i/?279> https://www.ester.ee/record=b2431337*est

Chilopoda and Diplopoda of semi natural flooded meadows in Matsalu, Estonia

Ivask, Mari; Kuu, Anneli; Meriste, Mart; Kutti, Sander; Raamets, Jane; Palo, Anneli Pedobiologia 2019 / p. 24-33 : ill <https://doi.org/10.1016/j.pedobi.2019.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal grassland wader abundance in relation to breeding habitat characteristics in Matsalu Bay, Estonia

Leito, Aivar; Elts, Jaanus; Mägi, Eve; Truu, Jaak; Ivask, Mari; Kuu, Anneli; Ööpik, Merle; Meriste, Mart; Ward, Raymond; Kuresoo, Andres Ornis Fennica 2014 / p. 149-165 : ill <https://ornisfennica.journal.fi/article/view/133852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combining bioenergy and nature conservation: An example in wetlands

Melts, Indrek; Ivask, Mari; Geetha, Mohan; Takeuchi, Kazuhiko; Heinsoo, Katrin Renewable and sustainable energy reviews 2019 / p. 293-302 <https://doi.org/10.1016/j.rser.2019.05.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Database of environmental decision support tools

Ivask, Mari; Aruvee, Eve; Piirimäe, Kristjan Transactional environmental support system design : global solutions 2013 / p. 70-96 : ill

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

Design of a transactional environmental support system

Kenward, R. E.; **Piirimäe, Kristjan; Ivask, Mari; Aruvee, Eve** Transactional environmental support system design : global solutions 2013 / p. 209-245

Diversity and function of soil biota of seminatural communities

Ivask, Mari; Kuu, Annely; Meriste, Mart; Truu, Marika; Kutti, Sander; Peda, Jane 12th Nordic Soil Zoology Symposium and PHD course : Tartu, Estonia, August 28-31, 2009 : book of abstracts 2009 / p. 80-82

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](#)

Earthworm communities in soils of Estonian wooded meadows

Ivask, Mari; Kuu, Annely; Truu, Marika; Kutti, Sander; Meriste, Mart; Peda, Jane Baltic forestry 2012 / p. 111-118 : ill https://www.researchgate.net/publication/237066590_Earthworm_communities_in_soils_of_Estonian_Wooded_Meadows

Earthworm communities under coastal conditions of Baltic Sea

Ivask, Mari; Kuu, Annely; Sizov, Eduard 12th Nordic Soil Zoology Symposium and PHD course : Tartu, Estonia, August 28-31, 2009 : book of abstracts 2009 / p. 83-85

Earthworm community structure under different land-use systems across various soil conditions

Sutri, Merit; Kuu, Annely; **Escuer-Gatius, Jordi**; Konsap, Kadri; Shanskiy, Merit; Reintam, Endla; **Ivask, Mari** Applied Soil Ecology 2025 / art. 106151 <https://doi.org/10.1016/j.apsoil.2025.106151>

Effect of flooding by fresh and brackish water on earthworm communities along Matsalu Bay and the Kasari River

Ivask, Mari; Meriste, Mart; Kuu, Annely; Kutti, Sander; Sizov, Eduard European journal of soil biology 2012 / p. 11-15 : ill <https://www.sciencedirect.com/science/article/pii/S1164556312000714>

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.mt.it/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 effects of agricultural practices on earthworm communities in Estonia

Sutri, Merit; **Ivask, Mari**; Kuu, Annely; Escuer-Gatius, Jordi; Reintam, Endla; Shanskiy, Merit European journal of soil biology 2024 / art. 103662 <https://doi.org/10.1016/j.ejsobi.2024.103662> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global data on earthworm abundance, biomass, diversity and corresponding environmental properties

Phillips, Helen R. P.; Bach, Elizabeth M.; Bartz, Marie L. C.; Bennett, Joanne M.; Beugnon, Remy; Briones, Maria J. I.; Brown, George G.; Ferlian, Olga; Gongalsky, Konstantin B.; **Ivask, Mari** Scientific data 2021 / art. 136 <https://doi.org/10.1038/s41597-021-00912-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global fine-resolution data on springtail abundance and community structure

Potapov, Anton M.; Chen, Ting-Wen; Striuchkova, Anastasia V.; Alatalo, Juha M.; Alexandre, Douglas; Arbea, Javier; Ashton, Thomas; Ashwood, Frank; Babenko, Anatoly; **Ivask, Mari** Scientific data 2024 / art. 22 <https://doi.org/10.1038/s41597-023-02784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Globally invariant metabolism but density-diversity mismatch in springtails

Potapov, Anton M.; Guerra, Carlos A.; van den Hoogen, Johan; Babenko, Anatoly; Bellini, Bruno C.; Berg, Matty P.; Chown, Steven L.; Deharveng, Louis; **Ivask, Mari**; Kuu, Annely Nature communications 2023 / art. 674, 13 p. : ill., map <https://doi.org/10.1038/s41467-023-36216-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ground-dwelling spider fauna of flooded meadows in Matsalu, Estonia

Meriste, Mart; Helm, Aveliina; Ivask, Mari Wetlands 2016 / p. 525-537 : ill <https://doi.org/10.1007/s13157-016-0762-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Herbage production and chemical characteristics for bioenergy production by plant functional groups from semi-natural grasslands

Melts, Indrek; Heinsoo, Katrin; **Ivask, Mari** Biomass and bioenergy 2014 / p. 160-166 : ill <https://doi.org/10.1016/j.biombioe.2014.04.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Humaatidega rikastatud mullaparandaja mõju mullaekoloogiale ja saagile

Kuu, Annely; **Ivask, Mari**; Sutri, Merit; Põldmets, Marian; Shanskiy, Merit Agronoomia 2023 = Agronomy 2023 2023 / Lk. 33-43

https://www.ester.ee/record=b2226971*est <https://www.pikk.ee/wp-content/uploads/2023/03/Agronoomia2023v.pdf>

Humidity impact on air quality in straw- and reed-bale houses

Raamets, Jane; Nei, Lembit; Ruus, Aime; Ivask, Mari; Muoni, Karin Environments 2025 / art. 297

<https://doi.org/10.3390/environments12090297>

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

Kas riisuda puulehti või mitte?

Martinson, Riina; Käger, Eneli; **Ivask, Mari** Postimees 2017 / Maa Elu, lk. 12

Keldriloomana tuntud kakand elab ka metsas

Ivask, Mari Sinu Mets : metsa õppeleht 2019 / lk. 26-27 : ill http://www.ester.ee/record=b1902517*est

https://issuu.com/metsauhistu/docs/sinu-mets-55-juuni2019-metsau_histu

Magistritööst selgus, millist multši peaks aias kasutama

Ivask, Mairi; Ivask, Mari; Meitern, Annika Joy postimees.ee 2025 <https://maaelu.postimees.ee/8279164/magistritoost-selgus-millist-multsi-peak-aias-kasutama>

Metsas elavad valdavalt väikesed vihmaussiliigid

Ivask, Mari Sinu Mets : metsa õppeleht 2018 / lk. 24-25 http://www.ester.ee/record=b1902517*est <http://www.eramets.ee/wp-content/uploads/2017/01/Sinu-Mets-nr-50-aprill-2018.pdf> <https://dea.digar.ee/?a=d&d=sinumets20180406>

Mikrobioloogiliste näitajate kasutamine agrotehniliste võtete mõju hindamisel Eesti põllumuldades

Truu, Marika; Truu, Jaak; **Ivask, Mari** Kaasaegse ökoloogia probleemid : loodushoiu majandushoovad : Eesti X Ökoloogiakonverentsi lühiaartiklid : Tartu, 27.-28. aprill, 2006 2006 / lk. 200-204 : ill

Mullaelustik

2019 https://www.ester.ee/record=b5292606*est <http://hdl.handle.net/10492/5542>

Mullaharimisviiside mõju vihmaussikoosluse arvukusele ja mitmekesisusele

Kuu, Annely; **Ivask, Mari**; Sutri, Merit; Loit, Kaire; Põldmets, Marian; Shanskiy, Merrit Agronoomia 2022 = Agronomy 2022 2022 / lk. 10-17 : ill https://www.ester.ee/record=b2226971*est <https://etki.ee/wp-content/uploads/2022/03/Agronoomia2022.pdf>

Mullas toimuvate protsesside alus peitub mullaelustikus

Ivask, Mari; Shanskiy, Merrit; Pöder, Anne Põllumehe teataja 2021 / p. 30-33 [Mullas toimuvate protsesside alus peitub mullaelustikus https://www.ester.ee/record=b4429011*est](https://www.ester.ee/record=b4429011*est)

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](https://www.scopus.com/journal/view/doi?doi=10.15159/AR.18.123) [Article at Scopus](https://www.scopus.com/article/view/doi?doi=10.15159/AR.18.123)

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

An overview of Estonian woodlice (Isopoda, Oniscidea)

Sammet, Kaarel; Orgusaar, Getriin; **Ivask, Mari**; Kurina, Olavi ZooKeys 2021 / p. 1-17 : ill., map <https://doi.org/10.3897/zookeys.1067.68105> [Journal metrics at Scopus](https://www.scopus.com/journal/view/doi?doi=10.3897/zookeys.1067.68105) [Article at Scopus](https://www.scopus.com/article/view/doi?doi=10.3897/zookeys.1067.68105) [Journal metrics at WOS](https://www.scopus.com/journal/view/doi?doi=10.3897/zookeys.1067.68105) [Article at WOS](https://www.scopus.com/article/view/doi?doi=10.3897/zookeys.1067.68105)

Participatory development of a recreational plan for Laulasmaa landscape protection area

Ivask, Mari; Tillemann, Kadri Transactional environmental support system design : global solutions 2013 / p. 164-167 : ill

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.lammc.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

Päideroo kasvatamise võrdluskatsed jääksool ja mineraalmullal

Ivask, Mari Jääksood, nende kasutamine ja korrastamine 2011 / lk. 96-102 : ill

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

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

Haiba, Egge; Nei, Lembit; Ivask, Mari; Järvis, Jüri; Lillenber, 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

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

Soil fauna: key to soil organic matter dynamics and modelling : Handbook of methods : Version 1, February 2020

Jimenez, Juan J.; Filser, Juliane; Barot, Sébastien; Berg, Matty P.; Ivask, Mari; Öpik, Maarja "Soil fauna: key to soil organic matter dynamics and modelling : Handbook of methods : Version 1, February 2020"

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

Springtails of flooded meadows along Matsalu Bay and the Kasari River, Estonia

Ivask, Mari; Kuu, Annely; Meriste, Mart; Kutti, Sander; Palo, Anneli; Kilki, Siim Pedobiologia 2018 / p. 1-10

<https://doi.org/10.1016/j.pedobi.2017.12.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A synopsis of Estonian myriapod fauna (Myriapoda : Chilopoda, Diplopoda, Symphyla and Pauropoda)

Sammet, Kaarel; Ivask, Mari; Kurina, Olavi ZooKeys 2018 / p. 63-96 : ill <https://doi.org/10.3897/zookeys.793.28050> Journal metrics at

Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tillukesed ussid, kes aitavad hoida ökoloogilist tasakaalu

Ivask, Mari Sinu Mets : metsa õppeleht 2018 / lk. 26-27 : ill http://www.ester.ee/record=b1902517*est Sinu mets

Tähtsad lagundajad, kellest teadlasedki kõiki ei tunne

Ivask, Mari Sinu Mets : metsa õppeleht 2018 / lk. 26-27 : fot [Sinu mets http://www.ester.ee/record=b1902517*est](http://www.ester.ee/record=b1902517*est)

Vihmaussikoosluste parameetrite kasutamine indikaatorina põllumajandusliku keskkonnatoetuse hindamisel

Ivask, Mari; Koorberg, Pille; Kuu, Annely; Truu, Jaak Kaasaegse ökoloogia probleemid : looduslohu majandushoovad : Eesti X

Ökoloogiakonverentsi lühiaartiklid : Tartu, 27.-28. aprill, 2006 2006 / lk. 51-56

Vihmaussikoosluste struktuur ja mulla mikroobikoosluse aktiivsus suvinisu mahe- ja tavatootmispõldudel

Ivask, Mari; Kiiker, Riinu; Loit, Kaare; Põldmets, Marian; Raamets, Jane; Shanskiy, Merrit Agronomica 2020 = Agronomy 2020

2020 / lk. 18-24 : tab <http://hdl.handle.net/10492/5600>

Väänlevad hekseldajad kiirustavad komposti tagant : [TTÜ Tartu Kolledži dotsendi Mari Ivaski selgitus]

Randoja, Elina; Ivask, Mari Tartu Postimees 2009 / 15. mai, lk. 8 <https://tartu.postimees.ee/119374/vaanlevad-hekseldajad-kiirustavad-komposti-tagant>

Ökoloogilise tasakaalu vähetuntud kindlustajad

Ivask, Mari Sinu Mets : metsa õppeleht 2020 / lk. 22-23 : ill http://www.ester.ee/record=b1902517*est

Экспериментальное вермикомпостирование биоразлагаемых отходов

Peda, Jane; Kutti, Sander; Ivask, Mari Вермикомпостирование и вермикюльтивирование как основа экологического

земледелия в XXI веке : достижения, проблемы, перспективы : сборник научных трудов IV Международной научно-

практической конференции ведущих ученых, специалистов, предпринимателей и производителей (Минск, 6-10 июня 2016 г.) 2016 / с. 78-81

