

<b>Gads</b>	<b>Struktūrvienības nosaukums</b>	<b>Publikācijas atsauce</b>
2013	Vides aizsardzības un siltuma sist.institūts	Barisa, A., Cimdiņa, G., Romagnoli, F., Blumberga, D. Potential for Bioenergy Development in Latvia: Future Trend Analysis. Agronomy Research, 2013, Vol.11, No.2, 275.-282.lpp. ISSN 1406-894X.
2013	Vides aizsardzības un siltuma sist.institūts	Beloborodko, A., Kļaviņa, K., Romagnoli, F., Ķenga, K., Rošā, M., Blumberga, D. Study on Availability of Herbaceous Resources for Production of Solid Biomass Fuels in Latvia. Agronomy Research, 2013, Vol.11, No.2, 283.-294.lpp. ISSN 1406-894X.
2013	Vides aizsardzības un siltuma sist.institūts	Blumberga, A., Blumberga, D., Bažbauers, G., Žogla, G., Laicāne, I. Sustainable Development Modelling for the Energy Sector. Journal of Cleaner Production, 2013, -, 0.-0.lpp. ISSN 0959-6526. Pieejams: doi:10.1016/j.jclepro.2013.05.020
2013	Vides aizsardzības un siltuma sist.institūts	Blumberga, A., Blumberga, D., Zvaigznītis, K., Žogla, G., Zavadskas, E., Turskis, Z., Zagorskas, J. Evaluation of Inside Thermal Insulation Alternatives in Historical Brick Buildings. Journal of Civil Engineering and Management, 2013, -, 0.-0.lpp. e-ISSN 1822-3605. ISSN 1392-3730.
2013	Vides aizsardzības un siltuma sist.institūts	Brazdausks, P., Puke, M., Vedernikovs, N., Kruma, I. Influence of Biomass Pretreatment Process Time on Furfural Extraction from Birch Wood. Environmental and Climate Technologies. Nr.11, 2013, 5.-11.lpp. ISSN 16915208.
2013	Vides aizsardzības un siltuma sist.institūts	Dāce, E., Pakere, I., Blumberga, D. Analysis of Sustainability Aspects of the Packaging Deposit-Refund System in Latvia. No: Sustainable Development and Planning VI. C.Brebbia red. New Forest: 2013. 729.-740.lpp. ISBN 9781845647148.
2013	Vides aizsardzības un siltuma sist.institūts	Dāce, E., Pakere, I., Blumberga, D. Evaluation of Economic Aspects of the Deposit-Refund System for Packaging in Latvia. Management of Environmental Quality: An International Journal, 2013, Vol.24, Iss.3, 311.-329.lpp. ISSN 1477-7835. Pieejams: doi:10.1108/14777831311322631
2013	Vides aizsardzības un siltuma sist.institūts	Dāce, Elīna. Integrētās primārā iepakojuma atkritumu apsaimniekošanas sistēmas modelis. Promocijas darbs. Rīga: [RTU], 2013. 160 lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Kamenders, A., Vanaga, R., Krauklis, E. Post-Occupancy Evaluation of Dormitory Building with Aim of EnerPHit Renovation. No: 17th International Passive House Conference 2013: 17th International Passive House Conference 2013, Vācija, Frankfurt, 19.-20. aprīlis, 2013. Frankfurt: Passive House institute, 2013, 533.-538.lpp. ISBN 9783000413469.
2013	Vides aizsardzības un siltuma sist.institūts	Kašs, K., Blumberga, A., Vaitekūnas, P. Development of Actively Controlled Ceiling Panel with Incorporated Phase Change Materials. No: Proceedings of the 16th Conference for Junior Researchers „Science – Future of Lithuania“: 16th Conference for Junior Researchers „Science – Future of Lithuania“ = Aplinkos apsaugos inžinerija. 16-osios Lietuvos jaunujų mokslininkų konferencijos „Mokslas – Lietuvos ateitis“ straipsnių rinkinys, Lietuva, Vilnius, 11.-11. aprīlis, 2013. Vilnius: 2013, 1.-6.lpp.

2013	Vides aizsardzības un siltuma sist.institūts	Kuzņecova, T., Romagnoli, F., Rochas, C. The Concept of the System Resilience within a Multi-Hazard Scenario: Application to a Latvian Case. No: Proceedings of the 16th Conference for Junior Researchers „Science – Future of Lithuania“: 16th Conference for Junior Researchers „Science – Future of Lithuania“ = Aplinkos apsaugos inžinerija. 16-osios Lietuvos jaunuju mokslininku konferencijos „Mokslas – Lietuvos ateitis“ straipsnių rinkinys, Lietuva, Vilnius, 11.-11. aprīlis, 2013. Vilnius: 2013, 1.-6.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Laicāne, I., Blumberga, A., Rošā, M., Blumberga, D. Assessment of Changes in Households' Electricity Consumption. Agronomy Research, 2013, 2, 335.-346.lpp. ISSN 1406-894X.
2013	Vides aizsardzības un siltuma sist.institūts	Laicāne, I., Blumberga, A., Rošā, M., Blumberga, D., Bariss, U. Forecasting Electricity Consumption based on Smart Metering Case Study in Latvia. No: Recent Advances in Energy and Environmental Management: Proceedings of the 8th WSEAS International Conference on Energy & Environment (EE'13)/Energy, Environmental and Structural Engineering Series: 8th WSEAS International Conference on Energy & Environment (EE'13) , Grieķija, Rhodes, 16.-19. jūlijs, 2013. Rhodes Island: WSEAS Press, 2013, 148.-156.lpp. ISBN 9789604743124.
2013	Vides aizsardzības un siltuma sist.institūts	Laicāne, I., Blumberga, A., Rošā, M., Blumberga, D., Bariss, U. The Effect of the Flows of Information on Residential Electricity Consumption: Feasibility Study of Smart Metering Pilot in Latvia. No: Smart Objects, Systems and Technologies (SmartSysTech): Proceedings of 2013 European Conference: 2013 European Conference on Smart Objects, Systems and Technologies (SmartSysTech) , Vācija, Erlangen/Nuremberg, 11.-12. jūnijs, 2013. Berlin: VDE VERLAG GMBH, 2013, 1.-9.lpp. ISBN 9783800735211.
2013	Vides aizsardzības un siltuma sist.institūts	Lieplapa, Līga. Autoceļu ietekmes uz vidi novērtējuma metodika. Promocijas darbs. Rīga: [RTU], 2013. 100 lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Ozoliņa, L., Rošā, M. The Consumer's Role in Energy Efficiency Promotion in Latvian Manufacturing Industry. Management of Environmental Quality: An International Journal, 2013, Vol.24, No.3, 330.-340.lpp. ISSN 1477-7835. Pieejams: doi:10.1108/14777831311322640
2013	Vides aizsardzības un siltuma sist.institūts	Pubule, J., Bergmane, I., Rošā, M., Blumberga, D. Impact Assessment of Biogas Projects in Latvia. The International Journal of Sustainable Development and Planning , 2013, -, 1.-1.lpp. ISSN 1743-7601.
2013	Vides aizsardzības un siltuma sist.institūts	Pubule, J., Blumberga, D., Romagnoli, F. An Assessment of the Potential and Finding the Optimal Method of Biowaste Treatment in Latvia. No: Proceedings of 21st European Biomass Conference and Exhibition: 21st European Biomass Conference and Exhibition, Dānija, Kopenhāgena, 3.-7. jūnijs, 2013. Florence: 2013, 1860.-1864.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Rēpele, M., Dudko, M., Rusanova, J., Valters, K., Bažbauers, G. Environmental Aspects of Substituting Bio-Synthetic Natural Gas for Natural Gas in the Brick Industry. Agronomy Research, 2013, Vol.11, No.2, 367.-372.lpp. ISSN 1406-894X.
2013	Vides aizsardzības un siltuma sist.institūts	Rochas, C., Žandeckis, A., Rošā, M., Romagnoli, F., Timma, L. Applications of Informatics and Cybernetics in Compact Solar Combisystem for Multifamily Residential Buildings. Journal of Communication and Computer , 2013, 10, 141.-148.lpp. e-ISSN 1930-1553. ISSN 1548-7709.

2013	Vides aizsardzības un siltuma sist.institūts	Rušenieks, R., Kamenders, A. Extensive Green Roof Development Possibilities in Latvia. No: Proceedings of the 16th Conference for Junior Researchers „Science – Future of Lithuania“: 16th Conference for Junior Researchers „Science – Future of Lithuania“ = Aplinkos apsaugos inžinerija. 16-osios Lietuvas jaunuju moksliniku konferencijos „Mokslas – Lietuvas ateitis“ straipsniu rinkinys, Lietuva, Vilnius, 11.-11. aprilis, 2013. Vilnius: 2013, 1.-7.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Savicka, E., Roša, M., Vaiškūnaitė, R. Behavior Change in Use of Transport to Reduce CO2 Emissions. No: Proceedings of the 16th Conference for Junior Researchers „Science – Future of Lithuania“: 16th Conference for Junior Researchers „Science – Future of Lithuania“ = Aplinkos apsaugos inžinerija. 16-osios Lietuvas jaunuju moksliniku konferencijos „Mokslas – Lietuvas ateitis“ straipsniu rinkinys, Lietuva, Vilnius, 11.-11. aprilis, 2013. Vilnius: 2013, 1.-5.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Skujevska, A., Romagnoli, F., Zoss, T., Laicāne, I., Blumberga, D. Wind Energy Versus Natural Gas in Latvia: Policy Evaluation with a System Dynamic Simulation. No: Recent Advances in Energy and Environmental Management: Proceedings of the 2013 International Conference on Energy, Environment, Ecosystems, and Development (EEED 2013)/ Energy, Environmental and Structural Engineering Series: 2013 International Conference on Energy, Environment, Ecosystems, and Development (EEED 2013), Grieķija, Rhodes, 16.-19. jūlijs, 2013. Rhodes island: WSEAS Press, 2013, 148.-155.lpp. ISBN 9781618042026.
2013	Vides aizsardzības un siltuma sist.institūts	Suzdaļenko, Vera. Koksnes granulu līdzdedzināšana ar gāzveida fosilo kurināmo. Promocijas darbs. Rīga: [RTU], 2013. 94 lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Timma, L., Blumberga, D. An Algorithm for the Selection of Structure for Artificial Neural Networks. Case Study: Solar Thermal Energy Systems. No: Proceedings of the 16th Conference for Junior Researchers „Science – Future of Lithuania“: 16th Conference for Junior Researchers „Science – Future of Lithuania“ = Aplinkos apsaugos inžinerija. 16-osios Lietuvas jaunuju moksliniku konferencijos „Mokslas – Lietuvas ateitis“ straipsniu rinkinys, Lietuva, Vilnius, 11.-11. aprilis, 2013. Vilnius: 2013, 1.-5.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Timma, L., Blumberga, D. Application of Artificial Neural Networks for Detection of Developing Faults in Solar Combisystems. No: 8th Conference on Sustainable Development of Energy, Water and Environment Systems: Digital Proceedings: 8th Conference on Sustainable Development of Energy, Water and Environment Systems, Horvātija, Dubrovnik, 22.-27. septembris, 2013. Zagreb: 2013, 1.-12.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Timma, L., Blumberga, D. Application of Artificial Neural Networks for Detection of Developing Faults in Solar Combisystems. No: 8th Conference on Sustainable Development of Energy, Water and Environmental Systems: Conference Proceedings: 8th Conference on Sustainable Development of Energy, Water and Environmental Systems, Horvātija, Dubrovnik, 22.-27. septembris, 2013. Zagreb: 2013, 1.-12.lpp.

2013	Vides aizsardzības un siltuma sist.institūts	Timma, L., Sams, K., Valtere, S., Vilgerts, J., Blumberga, D. Biosurfactants Enhanced Remediation of Historically Contaminated, Multiple Fraction Soil. No: <i>2nd Edition of the International Conference and Exhibition WASTES "Solutions, Treatments and Opportunities: Book of Proceedings: International Conference and Exhibition WASTES "Solutions, Treatments and Opportunities"</i> , Portugāle, Braga, 11.-13. septembris, 2013. Guimaraes: Centro para a Valorização de Resíduos, 2013, 721.-726.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Vanaga, R., Kamenders, A., Krauklis, E. Reaching EnerPHit Standard Using Holistic Approach. No: 17th International Passive House Conference 2013: 17th International Passive House Conference 2013, Vācija, Frankfurt, 19.-20. aprīlis, 2013. Frankfurt: Passive House Institute, 2013, 149.-150.lpp. ISBN 9783000413469.
2013	Vides aizsardzības un siltuma sist.institūts	Vilgerts, J., Timma, L., Blumberga, A., Blumberga, D., Slišāne, D. Application of System Dynamic Model for the Composting of Petroleum Contaminated Soil under Various Policies. <i>Agronomy Research</i> , 2013, Vol.11, 391.-404.lpp. ISSN 1406-894X.
2013	Vides aizsardzības un siltuma sist.institūts	Vilgerts, J., Timma, L., Blumberga, D. A Forecast Model for Projecting the Amount of Hazardous Waste. <i>World Academy of Science, Engineering and Technology</i> , 2013, 78, 502.-505.lpp. e-ISSN 2010-3778. ISSN 2010-376X.
2013	Vides aizsardzības un siltuma sist.institūts	Vilgerts, J., Timma, L., Blumberga, D. A Methodology for Forecasting Hazardous Waste Flows. <i>WIT Transactions on Biomedicine and Health</i> , 2013, 16, 227.-236.lpp. e-ISSN 1743-3225. ISSN 1747-4485. Pieejams: doi:10.2495/EHR130191
2013	Vides aizsardzības un siltuma sist.institūts	Vilgerts, J., Timma, L., Blumberga, D. A Methodology for Quantification of Hazardous Waste Flows: Case Study for the Baltic States (Estonia, Latvia, Lithuania). No: <i>Proceedings of the 13th International Conference on Environmental Science and Technology: 13th International Conference on Environmental and Technology</i> , Grieķija, Athens, 5.-7. septembris, 2013. Athens: University of the Aegean, 2013, 1.-8.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Vilgerts, J., Timma, L., Romagnoli, F., Blumberga, A., Blumberga, D. A System Dynamics Model for the Assessment of Hazardous Waste Management System. Case Study: Waste Batteries and Accumulators. No: <i>8th Conference on Sustainable Development of Energy, Water and Environment Systems: Digital Proceedings: 8th Conference on Sustainable Development of Energy, Water and Environment Systems</i> , Horvātija, Dobrovnik, 22.-27. septembris, 2013. Zagreb: 2013, 1.-12.lpp.
2013	Vides aizsardzības un siltuma sist.institūts	Zvingule, L., Kalniņš, S., Blumberga, D., Gušča, J., Bogdanova, M., Muižniece, I. Improved Project Management via Advancement in Evaluation Methodology of Regional Cooperation Environmental Projects. <i>Environmental and Climate Technologies</i> . Nr.11, 2013, 57.-67.lpp. ISSN 16915208.
2013	Vides aizsardzības un siltuma sist.institūts	Žandeckis, A., Timma, L., Blumberga, D., Rochas, C., Rošā, M. Solar and Pellet Combisystem for Apartment Buildings: Heat Losses and Efficiency Improvements of the Pellet Boiler. <i>Applied Energy</i> , 2013, Vol.101, 244.-252.lpp. ISSN 0306-2619. Pieejams: doi:10.1016/j.apenergy.2012.03.049
2013	Vides aizsardzības un siltuma sist.institūts	Žandeckis A., Kirsanovs V., Dzikevics M., Blumberga D. Experimental study on the optimisation of staged air supply in the retort pellet burner// <i>Agronomy Research</i> 11(2) (2013), pp. 381-390

2013	Vides aizsardzības un siltuma sist.institūts	Žandeckis A., Timma L., Blumberga D., Rochas C., Rosa M. Solar and pellet combisystem for apartment buildings: Heat losses and efficiency improvements of the pellet boiler// <i>Applied Energy</i> 101 (2013), pp.244-252
2013	Vides aizsardzības un siltuma sist.institūts	Blumberga, D., Dāce, E., Ziemele, J., Koshkin, I., Habdullina, Z. Experience of Students' and Teachers' Pilot tTraining in the Field of Environmental Engineering in a Post-Soviet Country. No: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvija, Rīga, 14.-16. oktobris, 2013. Rīga: 2013, 17.-21.lpp. ISBN 9789934105104.
2013	Vides aizsardzības un siltuma sist.institūts	Vīgants, Ģ., Veidenbergs, I., Galindoms, G., Vīgants, E., Blumberga, D. Analysis of Operation Mode for Complex DHS. In: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvia, Rīga, 14-16 October, 2013. Rīga: 2013, pp.35-38. ISBN 9789934105104.
2013	Vides aizsardzības un siltuma sist.institūts	Dzene, I., Slotiņa, L. Efficient Heat Use from Biogas CHP Plants. Case Studies from Biogas Plants in Latvia. In: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvia, Rīga, 14-16 October, 2013. Rīga: 2013, pp.45-48. ISBN 9789934105104.
2013	Vides aizsardzības un siltuma sist.institūts	Dobrāja, K., Ozoliņa, L., Roša, M. Design of a Support Program for Energy Efficiency Improvement in Latvian Industry. No: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvija, Rīga, 14.-16. oktobris, 2013. Rīga: 2013, 49.-59.lpp. ISBN 9789934105104.
2013	Vides aizsardzības un siltuma sist.institūts	Blumberga, A., Žogla, G., Zvaigznītis, K., Blumberga, D., Burinskiene, M. Energy Efficiency Improvement Potential in Historical Brick Building. No: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvija, Rīga, 14.-16. oktobris, 2013. Rīga: 2013, 60.-65.lpp. ISBN 9789934105104
2013	Vides aizsardzības un siltuma sist.institūts	Rušenieks, R., Kamenders, A. Extensive Green Roof Ecological Benefits in Latvia. In: <i>Environmental and climate technologies 2013 Conference Proceedings: Environmental and climate technologies 2013</i> , Latvia, Rīga, 14-16 October, 2013. Rīga: 2013, pp.72-77. ISBN 9789934105104
2013	Vides aizsardzības un siltuma sist.institūts	Slišāne, D., Blumberga, D. Assessment of Roadside Particulate Emission Mitigation Possibilities. <i>Environmental and Climate Technologies</i> . Nr.12, 2013, 4.-9.lpp. ISSN 16915208.
2013	Vides aizsardzības un siltuma sist.institūts	Rusanova, J., Bažbauers, G., Valters, K., Markova, D. Technological Alternatives or Use of Wood Fuel in Combined Heat and Power Production. <i>Environmental and Climate Technologies</i> . Nr.12, 2013, 10.-14.lpp. ISSN 16915208
2013	Vides aizsardzības un siltuma sist.institūts	Latvels, J., Grzibovskis, R., Vembris, A., Blumberga, D. Improvement of Solar PV Efficiency. Potential Materials for Organic Photovoltaic Cells. <i>Environmental and Climate Technologies</i> . Nr.12, 2013, 28.-33.lpp. ISSN 16915208
2013	Vides aizsardzības un siltuma sist.institūts	Ozoliņa, L., Roša, M.The consumer's role in energy efficiency promotion in Latvian manufacturing industry// <i>Management of Environmental Quality</i> . Volume 24, Issue 3, April 2013, Pages 330-340
2013	Vides aizsardzības un siltuma sist.institūts	Pubule, J., Bergmane, I., Blumberga, D., Rosa, M.Development of an EIA screening phase for biogas projects in Latvia// <i>WIT Transactions on Ecology and the Environment</i> .Volume 162, 2012, Pages 75-86

2013	Vides aizsardzības un siltuma sist.institūts	Ģ. Vīgants, G. Galindoms, I. Veidenbergs, D. Blumberga Energy efficiency of DH system with wood chips boiler houses and flue gas condensing unit, Proceedings of the 2013 International Conference on Energy, Environment, Ecosystems, and Development (EEED 2013), Rhodes island, Greece, July 16-19, 2013"/ Energy, Environmental and Structural Engineering, 161 - 171 lpp Series/ Vol. 12/ ISSN 2227-4359, ISBN 978-1-61804-202-6
2013	Vides aizsardzības un siltuma sist.institūts	Timma L., Blumberga D., Vilgerts J. Index decompositon analysis of energy sector in Latvia // 6th International Conference on Applied Energy, Taipei, Taiwan – 4 p.
2013	Vides aizsardzības un siltuma sist.institūts	Bariss U., Timma L., Blumberga D. Smart metering pilot project results //// 6th International Conference on Applied Energy, Taipei, Taiwan – 4 p.
2013	Vides aizsardzības un siltuma sist.institūts	Timma L., Blumberga D. Application of artificial neural networks for detection of developing faults in solar combisystems // The Journal of Energy Conversion and Managment – 34 p.
2013	Vides aizsardzības un siltuma sist.institūts	Blumberga A.,Timma L., Romagnoli F., Blumberga D. Dynamic modelling of a collection scheme of waste portable batteries for ecological and economic sustainability // The Journal of Cleaner Production – 15 p.