

K METODÁM ZJIŠŤOVÁNÍ PŘÍNOSŮ EKOLOGIZACE ZEMĚDĚLSTVÍ V KRAJINĚ TOWARDS METHODS CONCERNING OF EFFECTS GOING FROM THE ECOLOGICAL APPROACHES IN THE AGRICULTURE

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Abstract

Half of the Czech Republic territory is covered by agricultural activities. It is not possible to evaluate the positive effects of ecological companies on landscape protection and its components and compare them with the grants concerning landscape protection. This article shows presentations and surveys of evaluation methods concerning the benefits of agricultural ecologisation in the field of institutions' role, willingness to pay, alternative costs etc.

Key words: agriculture ecologisation, nonproductional function of agriculture, evaluation of nonproductional functions of agriculture

Abstrakt

Polovina území ČR je obhospodařována zemědělskými aktivitami. Ty nevykazují efekty v podobě ochrany krajiny a jejích složek tak, aby bylo možno co nejlépe ocenit přínos ekologicky zaměřených podniků a současně poměřit tyto efekty s poskytovanými dotacemi do rozvoje zemědělských podniků, zaměřených zejména na ochranu prostředí. Příspěvek se zabývá prezentací a hodnocením metod oceňování přínosů ekologizace zemědělství, vycházející z role institucí, ochoty platit, alternativních nákladů...

Klíčová slova: ekologizace zemědělství, mimoprodukční funkce zemědělství, oceňování mimoprodukčních funkcí zemědělství

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Literature

- Agricultural Resources and environmental indicators* [online]. United States: Department of Agriculture, 2006 [2008-15-7]., editors K. WIEBE and N. GOLLEHON, Economic Information Bulletin 16. Obtainable on Internet: <<http://www.ers.usda.gov/publications/arei/eib16/eib16.pdf>>.
- BABCOCK, B. A. FRASER, R. W., LEKAKIS, J. N. Risk management and the Environment: Agriculture in Perspective Kluwer Academic Publisher. *European Review of Agricultural Economics* [online]. 2004, vol. 31, iss. 4 [2008-15-7]. Obtainable on Internet: <<http://ideas.repec.org/a/oup/erevae/v31y2004i4p493-496.html>>. ISBN: 1-4020-0981-X
- BARTHELEMY, D., NIEDDU, M. Multifunctionality as a Concept of Duality in Economics: an Institutionalist approach. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://www.ivry.inra.fr/mona/publications_chercheurs/Textes-Publis/barthelemy-Multifunction.pdf>.
- BARTOLINI, F., GALLERANI, V., RAGGI, M., VIAGGI, D. Improving contract design for multifunctional agriculture. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/71_Barthelemy>.
- BRUNSTAD, R. J., GAASLAND, I., VÁRDAL, E. Multifunctionality of agriculture: An inquiry into complementarity between landscape preservation and food security. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/36_Vardal>.
- DE BONT, C. J. A. M. et al. *Marketsignals for organic farming*. 2005 [2008-15-7]. The Hague: LEI. Obtainable on Internet: <http://www.lei.dlo.nl/publicaties/PDF/2005/2_xxx/2_05_03.pdf>.
- FROST, L. C. et al. An assessment of Landscape heterogeneity in the European Union using corine land cover 2000 and Lucas survey data. *Congreso internacional de ingeniería de proyectos Lugo* [online]. 2007 [2008-15-7]. Obtainable on Internet: <http://ec.europa.eu/agriculture/envir/docs/corine_lucas_en.pdf>.
- GARDEBROEK, C. Comparing risk attitudes of organic and non-organic farmers with a Bayesian

- random coefficient model. *European Review of Agricultural Economics*. 2006, vol. 33, iss.4, s. 485-510.
- HAGEDORN, K. Multifunctional Agriculture: an Institutional Interpretation, *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/12_Hagedorn>.
- HANUŠ, L. Environmentální analýza udržitelnosti zemědělských systémů na základě finančních dat [online], Brno: Agronomická fakulta, Mendelova zemědělská a lesnická univerzita v Brně, 2003 [2008-15-7]. Obtainable on Internet: <<http://www.udrzitelnzyrozvoj.ecn.cz/Analyza.pdf>>.
- HÄRIG, A. M. et al. *Impact of CAP measures on environmentally friendly farming systems: Status quo, analysis and recommendations, The case of organic farming* [online]. 2004 [2008-15-7]. Obtainable on Internet: <http://ec.europa.eu/environment/agriculture/pdf/effscap_report.pdf>.
- HEDIGER, W. On the Economics of Multifunctionality and Sustainability of Agricultural Systems. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/13_Hediger>.
- HUHTALA, A., MARKLUND, P. O. Environmental Targets and shadows prices of bad outputs in organic and conventional farming. *Paper presented at The future of rural Europe in the global agri-food system: the XIth international congress of European Association of Agricultural Economists EAAE* [online]. Copenhagen, Denmark, 2005 [2008-15-7]. Obtainable on Internet: <<http://orgprints.org/8448/01/eaee1.pdf>>.
- LUSTIGOVÁ, L., KUŠKOVÁ, P. Ecological footprint in the organic farming system. *Agricultural Economics – Czech*, 2006, vol. 52, no. 11, s. 503-509. ISSN: 0139-570X.
- RAFFAELLI, R. et al. Costs and benefits of multifunctional Alpine pasture: a case study. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/73_Raffaelli>.
- SCHMIDT, E., SINABELL, F. *On the Choice of Farm Management Practices after the Reform of the Common Agricultural Policy in 2003* [online]. 2004 [2008-15-7]. Obtainable on Internet: <http://www.wifo.ac.at/www/jsp/index.jsp?fid=23923&id=25291&typeid=8&display_mode=2&pub_language=2&language=2>.
- SEJÁK, J. Ekonomické hodnocení přírody [online]. Last revision 18th October 2002 [2008-15-7]. Obtainable on Internet: <<http://www.env.cz/zamest.nsf/0/b4dea7ac875fe555c1256ac300423cb3?OpenDocument>>.
- TAPANI, Y., KOLA, J. Social Benefits of Multifunctional Agriculture in Finland. *2002 International Congress* [online]. Zaragoza, Spain, 2002 [2008-15-7]. Obtainable on Internet: <<http://ageconsearch.umn.edu/handle/24812>>.
- TEMPESTA, T., THIENE, M. The willingness to pay for the conservation of mountain landscape in Cortina D'Ampezzo (Italy). *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/61_Tempesta>.
- YRJÖLÄ, T., KOLA, J. Society's Demand for Multifunctional Agriculture. *90th EAAE Seminar: Multifunctional agriculture, policies and markets: understanding the critical linkages* [online]. Rennes, 2004 [2008-15-7]. Obtainable on Internet: <http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/31_Kola>.

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