

Scientific Publications and Presentations

The included publications are ordered by category of the publication, year of publication, and name of the authors. To facilitate the unique identification of a publication, designations such as 2010*a*, 2010*b* are applied across the four sub-lists of publications.

Invited presentations, for which not at least a published abstract is available, are not included.

The publications and invited conference presentations are listed according to the following categories:

1. refereed journal papers and chapters in edited books with *peer review*,
2. refereed journal papers, chapters in edited books, full papers in conference proceedings with *review by editor or by conference board*,
3. miscellaneous longer publications (e.g., invited papers, co-authored manuscripts in dissertations not published otherwise, yet),
4. abstracts of invited conference presentations (for most presentations, the abstracts were reviewed by a conference board).

1 Journal papers and chapters in edited books with peer review

accepted

- Bögeholz, S.; Böhm, M.; Eggert, S.; Barkmann, J. (*accepted*) Education for Sustainable Development in German Science Education: Past – Present – Future. *Eurasia Journal of Mathematics Science and Technology Education*. (*accepted 30.1.2014*)
- Cerda, C.; Barkmann, J.; Marggraf, R. (*accepted*) Non-market economic valuation of the benefits provided by temperate ecosystems at the extreme south of the Americas. *Regional Environmental Change*. (*accepted 21.01.2014*)

2013

- Barkmann, J.; Eichhorn, S.; Maza, B., v. Walter, F.; Olschewski, R. (2013*a*) Chapter 3: The Challenges of Sustainable Development in the Podocarpus-El Cónдор Biosphere Reserve. In: Bendix, J.; Beck, E.; Bräuning, A.; Makeschin, F.; Mosandl, R.; Scheu, S.; Wilcke, W. (Eds.) *Ecosystem Services, Biodiversity and Environmental Change in a Tropical Mountain Ecosystem of South Ecuador*. Ecological Studies vol. 221, Springer, Berlin/New York. 31-38.
- Barkmann, J.; Hillmann, B.M.; Marggraf, R. (2013*b*) Chapter 4: The Concept of Ecosystem Services and its Application in the Research Unit RU 816. In: Bendix, J.; Beck, E.; Bräuning, A.; Makeschin, F.; Mosandl, R.; Scheu, S.; Wilcke, W. (Eds.) *Ecosystem Services, Biodiversity and Environmental Change in a Tropical Mountain Ecosystem*

- of South Ecuador*. Ecological Studies vol. 221, Springer, Berlin/New York. 41-49.
- Cerda, C.; Barkmann, J.; Marggraf, R. (2013) Application of choice experiments to quantify the existence value of an endemic moss: a case study in Chile. *Environment and Development Economics* 18(02):207-224.
(published online; 7 December 2012; DOI: 10.1017/S1355770X12000472)
- Koch, S.; Barkmann, J.; Strack, M.; Sundawati, L.; Bögeholz, S. (2013a) Knowledge of Indonesian University Students on the Sustainable Management of Natural Resources. *Sustainability* 5(4):1443-1460. (DOI: 10.3390/su5041443)
- Koch, S.; Barkmann, J.; Sundawati L.; Bögeholz, S. (2013b) Subjective Theories of Indonesian Agronomy and Biology Teacher Students on Environmental Commons Dilemmas. *International Research in Geographical & Environmental Education* 22(2):120-138.
(DOI: 10.1080/10382046.2013.779123)

2012

- Huenchuleo, C.; Barkmann, J.; Villalobos, P. (2012) Social psychology predictors for the adoption of soil conservation measures in Central Chile. *Soil Degradation and Development* 23(5):483–495.
(published online 24-02-2011; DOI: 10.1002/ldr.1093)
- Jumali, T.; Brümmer, B.; Barkmann, J. (2012) Comparison of Methods for the Valuation of Irrigation Water: A Case Study from Qazvin, Iran. *Irrigation and Drainage* 61(3):375-385.
(published online 26 January 2012, Wiley Online Library DOI: 10.1002/ird.683)
- Motzke, I.; Wanger, T.C.; Zanre, E.; Tschardtke, T.; Barkmann, J. (2012) Socio-economic Context of Forest Biodiversity Use along a Town–Forest Gradient in Cambodia. *The Raffles Bulletin of Zoology (Supplement)* 25:29–45.

2011

- Clough, Y.; Barkmann, J.; Juhbandt, J.; Kessler, M.; Wanger, T.C.; Anshary, A.; Buchori., D.; Cicuzza, D.; Darras, K.; Putra, D.D.; Erasmi, S.; Pitopang, R.; Schmidt, C.; Schulze, C.H.; Seidel, D.; Steffan-Dewenter, I.; Stenchly, K.; Vidal, S.; Weista, M.; Wielgoss, A.C.; Tschardtke, T. (2011) Combining high biodiversity with high yields in tropical agroforests. *Proceedings of the Natural Academy of Sciences (PNAS)* 108(20):8311-8316.
- Mehring, M.; Seeberg-Elverfeldt, C.; Koch, S.; Barkmann, J.; Schwarze, S.; Stoll-Kleemann, S. (2011) Local Institutions: Regulation and Valuation of Forest Use – Evidence from Central Sulawesi, Indonesia. *Land Use Policy* 28(4):736-747.

2010

- Barkmann, J.; Burkard, G.; Faust, H.; Fremerey, M.; Koch, S.; Lanini, A. (2010a) Land tenure rights, village institutions, and rainforest conversion in Central Sulawesi (Indonesia). In: Tschardtke, T.; Leuschner, C.; Veldkamp, E.; Faust, H.; Guhardja, E.; Bidin, A.

- (Eds.) *Tropical Rainforests and Agroforests under Global Change. Ecological and Socio-Economic Valuations*. Springer, Berlin/Heidelberg 2010. 141-160.
- Barkmann, J.; Marggraf, R. (2010) Zahlungsbereitschaftsbefragungen für Umweltgüter: wirklich „Finger weg!“? *GAIA – Ökologische Perspektiven für Wissenschaft und Gesellschaft* 19(4):250-254.
- Barkmann, J.; Thiel, M.; Theuvsen, L.; Eschenbach, C.; Windhorst, W.; Marggraf, M. (2010b) GM maize and oil seed rape in Germany: Economic welfare losses from large scale adoption scenarios. In: Breckling, B.; Verhoeven, R. (Eds.) Large-area Effects of GM-Crop Cultivation. *Theorie in der Ökologie* 16:114-116.
- Barkmann, J.; Yan, J.; Zschiegner, A.-K.; Marggraf, R. (2010c) The Dao of the Sceptic and the Spiritual: Attitudinal and cultural influences on preferences for sustainable tourism services in the domestic Chinese tourism market. *International Journal of Service Technology and Management* 13(3/4):281-304.
- Barkmann, J.; Zschiegner, A.-K. (2010) Grasslands as a sustainable tourism resource in Germany: environmental knowledge effects on resource conservation preferences. *International Journal of Service Technology and Management* 13(3/4):174-191.
- Binternagel, N.; Jührbandt, J.; Koch, S.; Purnomo, M.; Barkmann, J.; Faust, H. (2010) Vulnerability to climate change in Indonesia – livelihood strategies of rural households in the face of ENSO-related droughts. In: Tschardtke, T.; Leuschner, C.; Veldkamp, E.; Faust, H.; Guhardja, E.; Bidin, A. (Eds.) *Tropical Rainforests and Agroforests under Global Change. Ecological and Socio-Economic Valuations*. Springer, Berlin/Heidelberg 2010. 351-375.
- Rajmis, S.; Barkmann, J.; Marggraf, R. (2010) Pythias Rache: Zum Tauschwert ökologischer Versicherung vor unbekanntem Risiken. *GAIA – Ökologische Perspektiven für Wissenschaft und Gesellschaft* 19(2):114–121.
- Yan, J.; Zschiegner, A.-K.; Xi, J.; Barkmann, J.; Marggraf, R. (2010) Is the Chinese tourist ready for sustainable tourism? Attitudes and preferences for sustainable tourism services. *International Journal of Chinese Culture and Management* 3(1):86-106.
- Jührbandt, J.; Duwe, T.; Barkmann, J.; Gerold, G.; Marggraf, R. (2010) Structure and Management of Cacao Agroforestry Systems in Central Sulawesi across an Intensification Gradient. In: Tschardtke, T.; Leuschner, C.; Veldkamp, E.; Faust, H.; Guhardja, E.; Bidin, A. (Eds.) *Tropical Rainforests and Agroforests under Global Change. Ecological and Socio-Economic Valuations*. Springer, Berlin/Heidelberg 2010. 115-140.

2009

- Knoke, T.; Weber, M.; Barkmann, J.; Pohle, P.; Calvas, B.; Medina, C.; Aguirre, N.; Günter, S.; Stimm, B.; Mosandl, R.; von Walter, F.; Maza, B.; Gerique, A. (2009) Effectiveness and Distributional Impacts of Payments for Reduced Carbon Emissions from Deforestation. *Erdkunde* 63(4):365–384.
- Rajmis, S.; Barkmann, J.; Marggraf, R. (2009) User community preferences for climate change mitigation and adaptation measures around Hainich National Park, Germany. *Climate Research* 40(1):61-73.

Schmidt, G.; Kleppin, L.; Schröder, W.; Breckling, B.; Reuter, H.; Eschenbach, C.; Windhorst, W.; Höltl, K.; Wurbs, A.; Barkmann, J.; Marggraf, R.; Thiel, M. (2009) Systemic Risks of Genetically Modified Organisms in Crop Production: Interdisciplinary Perspective. *GAIA – Ökologische Perspektiven für Wissenschaft und Gesellschaft* 18(2):119–126.

2008

Barkmann, J.; Glenk, K.; Keil, A.; Leemhuis, C.; Dietrich, N.; Gerold, G.; Marggraf, R. (2008a) Confronting unfamiliarity with ecosystem functions: The case for an ecosystem service approach to environmental valuation with stated preference methods. *Ecological Economics* 65:48-62. (DOI: 10.1016/j.ecolecon.2007.12.002)

Glenk, K.; Barkmann, J.; Marggraf, R. (2008a) The Value of Ecosystem Services and Agrobiodiversity in Central Sulawesi. Chapter 20. In: Kontoleon, A.; Pascual, U.; Smale, M. (Eds.) *Agrobiodiversity Conservation and Economic Development. Routledge Explorations in Environmental Economics*. Routledge, London/New York. 368-391.

Yan, J.; Barkmann, J.; Zschiegner, A.-K.; Marggraf, R. (2008a) The sceptics' challenge for sustainable tourism in the southwestern China biodiversity hotspot: a Choice Experiment approach. *Journal of China Tourism Research* 4(1):3–21.

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Barkmann, J.; Glenk, K.; Handi, H.; Sundawati, L.; Witte, J.-P.; Marggraf, R. (2007a) Assessing economic preferences for biological diversity and ecosystem services at the Central Sulawesi rainforest margin – a choice experiment approach. In: Tschardtke, T.; Leuschner, C.; Zeller, M.; Guhardja, E.; Bidin, A. (Eds.) *Stability of Tropical Rainforest Margins. Linking ecological, economic and social constraints of land use and conservation*. Springer, Berlin. 181-208.

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Rajmis, S.; Barkmann, J. (2007) Utilisation of Grounded Theory Methodology to Avoid Biases in Choice Experiments: A pre-study on the insurance value of biodiversity. In: Meyerhoff, J.; Lienhoff, N.; Elsasser, P. (Eds.) *Stated Preference Methods for Environmental Valuation: Applications from Austria and Germany*. Metropolis Verlag, Marburg. 175-202.

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(PNAS) 104(12):4973–4978.

2005

Barkmann, J.; Cerda, C.; Marggraf, R. (2005) Interdisziplinäre Analyse von Naturbildern: Notwendige Voraussetzungen für die ökonomische Bewertung der natürlichen Umwelt. *Umweltpsychologie* 9(2):10-29.

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Barkmann, J.; Marggraf, R. (2004a) Ökologische Schäden durch Vernachlässigung des Vorsorgeprinzips im nachhaltigen Landschaftsmanagement - eine umweltökonomische Perspektive. In: Potthast, T. (Hrsg.): *Ökologische Schäden - begriffliche, methodologische und ethische Aspekte*. Theorie in der Ökologie. Bd. 10. Marburg: Metropolis-Verlag, 2004. 57-76.

Barkmann, J.; Marggraf, R. (2004b) The Long Term Protection of Biological Diversity – Lessons from Market Ethics. *Poiesis and Praxis* 3:3-21.

2001

Barkmann, J. (2001a) Eine Leitlinie für die Vorsorge vor unspezifischen ökologischen Gefährdungen In: Jax, K. (Hrsg.) Funktionsbegriff und Ungewissheit in der Ökologie. *Theorie in der Ökologie* 2:139-152.

Barkmann, J.; Baumann, R.; Meyer, U.; Müller, F.; Windhorst, W. (2001a) Ökologische Integrität: Risikovorsorge im nachhaltigen Landschaftsmanagement. *GAIA – Ökologische Perspektiven in Natur-, Geistes- und Wirtschaftswissenschaften* 10(2):97-108.

Kutsch, W.L.; Steinborn, W.; Herbst, M.; Baumann, R.; Barkmann, J.; Kappen, L. (2001a) Environmental Indication: A Field-test of an Ecosystem Approach to Quantify Biological Self-organization. *Ecosystems* 4(1):49-66.

Kutsch, W.; Hörmann, G.; Barkmann, J. (2001b) Die Bedeutung von Wäldern für die Integrität von divers strukturierten Agrarlandschaften. *Forstarchiv* 72(4):138-145.

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Barkmann, J.; Schwintzer, C.R. (1998) Rapid N₂ Fixation in Pines? Results of a Maine Field Study. *Ecology* 79(4):1453-1457.

2 **Refereed journal papers, chapters in edited books, full papers in conference proceedings, etc. (all with review by editor or by conference board)**

2013

Gonzalez, V.; Barkmann, J.; Marggraf, R. (2013) Describing ethnic groups in an advice network: A case of ethno-diverse rural communities in southern Ecuador. XXXIII Sunbelt Social Networks Conference of the International Network for Social Network

Analysis (INSNA), 21-26 May 2013, Hamburg (Germany).

2012

- Barkmann, J.; Gawron, C.; Marggraf, R.; Theuvsen, L.; Thiel, M. (2012a) Großflächiger Anbau von Bt-Mais und HR-Raps: Zahlungsbereitschaft und Nutzen-Kosten-Analyse. In: Breckling, B.; Schmidt, G.; Schröder, W. (Hrsg.) *GeneRisk – Systemische Risiken der Gentechnik: Analyse von Umweltwirkungen gentechnisch veränderter Organismen in der Landwirtschaft*. Springer, Berlin/Heidelberg. 207-220.
- Barkmann, J.; Böhm, M.; Eggert, S.; Kaminski, H.; Koch, S.; Malz, S.; Marggraf, R.; Schnell, C.; Sundawati, L.; Bögeholz, B. (2012b) Environmental and institutional economics education: A challenge for Education for Sustainable Development. In: Daub, C-H.; Burger, P.; Scherrer, Y.M.; Frecè, J.T. (Eds.) *Strategies for Sustainability: Institutional and Organisational Challenges. Proceedings of the 3rd International Sustainability Conference, 29-31 August 2012, Basel, Switzerland*. 184-187. (http://www.sustainabilityconference.ch/cms/uploads/ISC2012-Conference_Proceedings.pdf)
- Koch, S.; Barkmann, J.; Sundawati, L.; Bögeholz, S. (2012a) University Students' Perceptions of Common-Resource Dilemmas – The Need for Adjusted Curriculum in Indonesia. In: Kim, M.; Diong, C.H. (Eds.) *Biology Education for Social and Sustainable Development*. Rotterdam: Sense Publishers. 385-392.

2010

- Barkmann, J. (2010a) Das Millennium Ecosystem Assessment und der TEEB-Bericht. In: Hotes, S.; Wolters, V. (Eds.) *Fokus Biodiversität – Wie Biodiversität in der Kulturlandschaft erhalten und nachhaltig genutzt werden kann*. Oekom-Verlag, München. 165-168.
- Barkmann, J.; Vorwald, J.; Wiegleb, G. (2010d) Was bedeutet "nachhaltiges Management" von Biodiversität in der Kulturlandschaft? In: Hotes, S.; Wolters, V. (Eds.) *Fokus Biodiversität - Wie Biodiversität in der Kulturlandschaft erhalten und nachhaltig genutzt werden kann*. Oekom-Verlag, München. 28-35.
- Gonzalez, V.; Barkmann, J.; Marggraf, R. (2010) Social network effects on the adoption of agroforestry species: Preliminary results of a study on differences on adoption patterns in South Ecuador. *Procedia – Social and Behavioral Sciences* 4:71-82.
- Hillmann, B.; Barkmann, J. (2009) Conservation: a small price for long-term economic well-being. *Nature* 461:37. ¹ (doi:10.1038/461037a)
- Maza, B.; Barkmann, J.; v. Walter, F.; Marggraf, R. (2010a) Efficiency and distributional impacts of protected area planning using PES schemes in the Biosphere Reserve "Podocarpus-El Cóndor", Ecuador. *Fourth World Congress of Environmental and Resource Economists*. June 28 to July 2, 2010, Montreal, Canada. (<http://www.webmeets.com/files/papers/WCERE/2010/1204/Maza2010WCREE-jb2-Final.pdf>)

¹ This brief comment was published in the *Correspondence* section of *Nature*. It was not peer reviewed but underwent a thorough editorial review and, subsequently, several revisions.

Münch, A.; Rajmis, S.; Barkmann, J.; Freytag, A.; Marggraf, R.; Stratmann, U. (2010) Monetarisierung ökosystemarer Dienstleistungen. In: Hotes, S.; Wolters, V. (Eds.) *Fokus Biodiversität – Wie Biodiversität in der Kulturlandschaft erhalten und nachhaltig genutzt werden kann*. Oekom-Verlag, München. 216-255.

Schröder, K.; Barkmann, J.; Marggraf, R. (2010a) Motives and beliefs behind willingness to pay for functional biodiversity services in Central German forest ecosystems. *Advancing Sustainability in a Time of Crisis. International Society for Ecological Economics Conference 2010*.
(http://www.isee2010.org/paper/23ps0105%23Motives%20and%20beliefs%20behind%20willingness%23_Schroeder,Kristin_.pdf)

2008

Barkmann, J.; Blume, H.-P.; Irmeler, U.; Kluge, W.; Kutsch, W.L.; Reck, H.; Reiche, E.W.; Trepel, M.; Windhorst, W.; Dierßen, K. (2008b) Ecosystem Research and Sustainable Land Use Management. In: Fränzle, O.; Kappen, L.; Blume, H.-P.; Dierßen, K. (Eds.) *Ecosystem Organization of a Complex Landscape*. Springer. Ecological Studies 202. Berlin/Heidelberg/New York. 313-344.

Dierßen, K.; Barkmann, J. (2008) Conclusions: Perspectives for Integrative Landscape Planning, Management and Monitoring. In: Fränzle, O.; Kappen, L.; Blume, H.-P.; Dierßen, K. (Eds.) *Ecosystem Organisation of a Complex Landscape*. Springer. Ecological Studies 202. Berlin/Heidelberg/New York. 345-350.

Glenk, K.; Barkmann, J.; Marggraf, R. (2008b) Unveiling Regional Preferences for Biological Diversity in Central Sulawesi: A Choice Experiment Approach. In: Fremerey, M.; Burkard, G. (Eds.) *A Matter of Mutual Survival*. Lit Verlag, Münster. 391-436.

Koch, S.; Faust, H.; Barkmann, J. (2008c) Differences in power structures controlling access to natural resources at the village level in Central Sulawesi (Indonesia). *Austrian Journal of South-East Asian Studies* 1(2):59-81.

Rajmis, S.; Barkmann, J.; Marggraf, R. (2008a). Der ökonomische Wert von Versicherungsdienstleistungen der Biodiversität gegen bekannte und unbekannte Risiken am Beispiel des Hainich National Parks (Thüringen). *Naturschutz und Biologische Vielfalt* 60:209-214.
(also in: Wolters, V.; Krüß, A. (Bearb.) *Naturschutz und Ökologie*. Ausgewählte Beiträge zur GfÖ-Jahrestagung 2007 in Marburg, 218 S., ISBN 978-3-7843-3960-3)

2007

Barkmann, J.; Marggraf, R. (2007) Weil wir Geld nicht essen können – Zur ökologischen Katastrophenvorsorge durch biologische Vielfalt. *Verhandlungen der Gesellschaft Deutscher Naturforscher und Ärzte* 138:175-191.

2006

Glenk, K.; Barkmann, J.; Marggraf, R. (2006a) Unveiling Regional Preferences for Biological Diversity in Central Sulawesi: A Choice Experiment Approach. *STORMA – Paper Series Sub-Program A on Social and Economic Dynamics in Rain Forest Margins*. No.

16.

Glenk, K.; Barkmann, J.; Marggraf, R. (2006b) Locally Perceived Values of Biological Diversity in Indonesia – a Choice Experiment Approach. The 8th Annual BIOECON Conference on “Economic Analysis of Ecology and Biodiversity”.

[http://www.ucl.ac.uk/bioecon/8th_paper/Glenk.pdf]

Glenk, K.; Barkmann, J.; Schwarze, S.; Zeller, M.; Marggraf, M. (2006c) Differential Influence of Relative Poverty on Preferences for Ecosystem Services: Evidence from Rural Indonesia. *International Association of Agricultural Economists – 2006*.

[http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=22636&ftype=.pdf]

2005

Bögeholz, S.; Barkmann, J. (2005) Rational choice and beyond: Handlungsorientierende Kompetenzen für den Umgang mit faktischer und ethischer Komplexität. In: Klee, R.; Sandmann, A.; Vogt, H. (Hrsg.) *Lehr- und Lernforschung in der Biologiedidaktik* 2:211-224. Innsbruck, StudienVerlag.

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Sotó R., I.; Barkmann, J.; Diaz-Osorio, J. (2004) Effects of a Rural Poverty Alleviation Project on Production System and Farming Income in a Semiarid “*secano*” Area. In: *Deutscher Tropentag 2004: Rural Poverty Reduction through Research for Development and Transformation, October 5 - 7, 2004, Humboldt-Universität zu Berlin, Agricultural and Horticultural Faculty*.

(http://www.tropentag.de/2004/abstracts/links/Soto_Reyes_F72980bb.pdf)

2003

Barkmann, J. (2003a) Entwicklung von "angemessenen" Indikatoren Nachhaltiger Entwicklung für die strategische Steuerung eines Landesministeriums und für die Information der Öffentlichkeit: Beispielfall Schleswig-Holstein. In: Wiggering, H.; Müller, F. (Hrsg.) *Umweltziele und Indikatoren. Technische Anforderungen an ihre Festlegung und Fallbeispiele*. Geowissenschaften und Umwelt. Springer-Verlag Berlin, Heidelberg. 573-605.

Bögeholz, S.; Barkmann, J. (2003b) Ökologische Bewertungskompetenz für reale Entscheidungssituationen: Gestalten bei faktischer und ethischer Komplexität. *DGU-Nachrichten* 27/28:44-53.

2002

Barkmann, J. (2002a) Modellierung und Indikation nachhaltiger Landschaftsentwicklung – Beiträge zu den Grundlagen angewandter Ökosystemforschung. Dissertation zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Christian-Albrechts-Universität zu Kiel. *EcoSys – Beiträge zur Ökosystemforschung* 9:1-368.

(also: Dissertation, Mathematisch-Naturwissenschaftliche Fakultät der Christian-Albrechts-Universität zu Kiel)

2001

- Barkmann, J. (2001*b*) Angewandte Ökosystemforschung zwischen Biodiversitäts-, Landschafts- und Ressourcenschutz. *Petermanns Geographische Mitteilungen, Zeitschrift für Geo- und Umweltwissenschaften* 145:16-23.
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- Barkmann, J.; Baumann, R.; Meyer, U.; Müller, F.; Windhorst, W. (2001*b*) On the Role of Ecosystem Self-organisation in Landscape Management – A Response. *GAIA – Ökologische Perspektiven in Natur-, Geistes- und Wirtschaftswissenschaften* 10(4):247-248.
- Herzog, C.; Hosenfeld, F.; Barkmann, J. (2001) The web-based DSS "eXpert21": Support for the selection of sustainable development indicators. In: Hilty, L.M.; Gilgen, P.W. (Eds.) Sustainability in the Information Society, 15th International Symposium Informatics for Environmental Protection. *Umweltinformatik aktuell* 30:933-938.

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- Barkmann, J.; Windhorst, W. (2000) Hedging Our Bets: The Utility of Ecological Integrity. In: Jørgensen, S. E.; Müller, F. (Eds.) *Handbook of Ecosystem Theories and Management*. Lewis Publishers, Boca Raton (FL, USA). 497-517.

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- Barkmann, J. (1999) Indikatoren für den Zustand der schleswig-holsteinischen Agrarlandschaft: Schritte zu regionalen Umweltökonomischen Gesamtrechnungen. *Statistische Monatshefte des Statistischen Landesamtes Schleswig-Holstein* 12/1999, 240-247.

3 Miscellaneous longer publications (e.g., invited papers, major project reports, co-authored manuscripts in dissertations not published otherwise, yet)

2014

- Lakner, S.; Holst, C.; Barkmann, J.; Isselstein, J.; Spiller, A., (2014) Perspektiven der Niedersächsischen Agrarpolitik nach 2013: Empfehlungen Göttinger Agrarwissenschaftler für die Landespolitik. *Diskussionspapiere (Discussion Papers) des Department für Agrarökonomie und Rurale Entwicklung*. Georg-August-Universität, Göttingen. Diskussionsbetrag 1401.

2013

- Banzhaf, A.; Barkmann, J.; Gerold, G. (2013) Brennholz auf der südpatagonischen Insel Navarino - eine Ressource im Spannungsverhältnis zwischen Abholzung von Primärwäldern und lokaler Nutzung zur Energiegewinnung. *GEO-ÖKO* 33(3-4):179-

203.

Böhm, M.; Barkmann, J.; Eggert, S.; Bögeholz, S. (2013) Umwelt- und institutionen-ökonomische Analyse und Reflektion von Lösungsansätzen für Herausforderungen des Biodiversitätsschutzes - Ein Beitrag zum Göttinger Modell der Bewertungskompetenz. In: Feit, U.; Korn, H. (Bearb.) *Treffpunkt Biologische Vielfalt* 12:123-130

2012

Koch, S.; Barkmann, J.; Faust, H. (2012b): Zwischen Markt und Macht – Landnutzungskonflikte am Regenwaldrandbereich in Zentralsulawesi. In: Schneider, H.; Jordan, R.; Waibel, H. (Eds.) *Umweltkonflikte in Südostasien. Pazifik Forum* 13:201-228.

Schröder, K.; Barkmann, J. (2012) An empirical assessment of information and framing effects on economic preferences for environmental goods – A case study using functional forest ecosystem services (2012) In: Schröder, K. *Motives and beliefs influencing economic preferences for functional biodiversity services in Central German forest regions*. Dissertation, Faculty of Agricultural Sciences, Georg-August-Universität Göttingen. ibidem-Verlag, S. 27-66.

Schröder, K.; Barkmann, J.; Marggraf, R. (2012a) Motives and beliefs behind willingness-to-pay for ecosystem services in Central German forest ecosystems. In: Schröder, K. *Motives and beliefs influencing economic preferences for functional biodiversity services in Central German forest regions*. Dissertation, Faculty of Agricultural Sciences, Georg-August-Universität Göttingen. ibidem-Verlag, S. 67-100.

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