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doi: <http://dx.doi.org/10.2111/1551-501X-33.5.4>**Beef and Beyond: Paying for Ecosystem Services on Western US Rangelands**

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## References

- Havstad, K. M., Peters, D. P. C., Skaggs, R., Brown, J., Bestelmeyer, B., Fredrickson, E., Herrick, J., and Wright, J. 2008. Ecological services to and from rangelands of the United States. *Ecological Economics* 64:261–268. [CrossRef](#)
- Skaggs, R. 2008. Ecosystem services and western U.S. rangelands. *Choices: The Magazine of Food, Farm & Resource Issues* 23:37–41.
- Macie, E. A., and Hermansen, L. A. [eds.]. 2002. Human influences on forest ecosystems: the southern wildland-urban interface assessment. Asheville, NC, USA: USDA Forest Service, Southern Research Station. GTR-SRS-55. 159 p.
- Meine, C. D., and Knight, R. L. 1999. The essential Aldo Leopold: quotations and commentaries. Madison, WI, USA: University of Wisconsin Press. 384 p.
- Millennium Ecosystem Assessment. 2005. Ecosystems and human well-being: synthesis. Washington, DC, USA: Island Press. 137 p.
- Stoneham, G., Chaudri, V., Ha, A., and Strappazon, L. 2003. Auctions for conservation contracts: an empirical examination of Victoria's BushTender trial. *Australian Journal of Agricultural and Resource Economics* 47:477–500. [CrossRef](#)
- Forest Trends and the Ecosystem Marketplace. 2008. Payments for ecosystem services: market profiles. Available at: [http://ecosystemmarketplace.com/documents/acrobat/PES\\_Matrix\\_Profiles\\_PROFOR.pdf](http://ecosystemmarketplace.com/documents/acrobat/PES_Matrix_Profiles_PROFOR.pdf).

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Accessed 01 July 2011. 36 p.

8. Hamilton, K., Chokkalingam, U., and Bendana, M. 2010. State of the forest carbon markets 2009: taking root and branching out. Washington, DC, USA: Ecosystem Marketplace. 72 p.
9. Stanton, T., Echavarria, M., Hamilton, K., and Ott, C. 2010. State of watershed payments: an emerging marketplace. Washington, DC, USA: Ecosystem Marketplace. 102 p.
10. Madsen, B., Carroll, N., and Moore Brands, K. 2010. State of biodiversity markets report: offset and compensation programs worldwide. Washington, DC, USA: Ecosystem Marketplace. 73 p.
11. Bohlen, P. J., Lynch, S., Shabman, L., Clark, M., Shukla, S., and Swain, H. 2009. Paying for environmental services from agricultural lands: an example from the northern Everglades. *Frontiers in Ecology and the Environment* 7:46–55. [CrossRef](#)
12. Sargent-Michaud, J. 2009. A return on investment: the economic value of Colorado's conservation easements. Denver, CO, USA: Trust for Public Land. 8 p.
13. Dutilly-Diane, C., McCarthy, N., Turkelboom, F., Bruggeman, A., Tiedemann, J., Street, K., and Serra, G. 2007. Could payments for environmental services improve rangeland management in Central Asia, West Asia and North Africa? Washington, DC, USA: International Food Policy Research Institute. CAPRI Working Paper No. 62. 33 p.
14. Palm, E. 2011. From forests to faucets. *Headwaters*. Denver, CO: Colorado Foundation for Water Education. p. 11–13.
15. Hanson, C., Ranganathan, J., Iceland, C., and Finisdore, J. 2008. Corporate ecosystem services review: guidelines for identifying business risks and opportunities arising from ecosystem change. Washington, DC, USA: World Resources Institute. 37 p.
16. Nutrition Business Journal. 2004. The OTA 2004 manufacturer survey overview. Available at: <http://www.ota.com/pics/documents/2004SurveyOverview.pdf>. Accessed 22 July 2010.
17. Zbinden, S., and Lee, D. 2005. Paying for environmental services: an analysis of participation in Costa Rica's PSA program. *World Development* 33:255–272. [CrossRef](#)
18. Mccauley, D. J. 2006. Selling out on nature. *Nature* 443:27–28. [CrossRef](#), [PubMed](#)
19. Redford, K. H., and Adams, W. M. 2009. Payment for ecosystem services and the challenge of saving nature. Editorial. *Conservation Biology* 23:785–787. [CrossRef](#), [PubMed](#)
20. Walker, S., Brower, A. L., Stephens, R. T. T., and Lee, W. G. 2009. Why bartering biodiversity fails. *Conservation Letters* 2:149–157. [CrossRef](#)
21. Leopold, A. 1987. A Sand County almanac. New York, NY, USA: Oxford University Press. 228 p.
22. Skroch, M., and Lopez-Hoffman, L. 2010. Saving nature under the big tent of ecosystem services: a response to Adams and Redford. *Conservation Biology* 24:325–327. [CrossRef](#), [PubMed](#)

<sup>i</sup>For more information on the Florida Ranchlands Environmental Services Project, see <http://fresp.org>.

<sup>ii</sup> For more information on the Golden-cheeked Warbler recovery credits system, see <http://rcs.tamu.edu>.

<sup>iii</sup> For more information on the Willamette Partnership, see <http://willamettepartnership.org>.

<sup>iv</sup> For more information on the VerifiedGreen program, see <http://www.imiglobal.com/Downloads/VerifiedGreen.pdf>.

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