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# The Ecosystem Services Framework and Natural Capital Conservation

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## References

Adger WN, Benjaminsen TA, Brown K and Svarstud H (2001). Advancing a political ecology of global environmental discourses. *Dev Change* 32: 681–715

[Article](#) [Google Scholar](#)

Andrews J, Burgess D, Coombes E, Jickells T, Parks D and Turner RK (2006). Biogeochemical value of managed realignment, Humber Estuary, UK. *Sci Total Environ* 317: 19–30

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Barrett S (2003). Environment and statecraft: the strategy of environmental treaty making. Oxford University Press, Oxford

[Google Scholar](#)

Brauman KA (2006) Napa River flood project put to the test, The Katoomba Group's Ecosystem Marketplace, 3 February, 2006.

<http://www.ecosystemmarketplace.com/>

Brauman KA, Daily GC, Duarte TK, Mooney HA (in press) The nature and value of ecosystem services: an overview highlighting hydrologic services. Annu Rev Environ Resour

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Chichilnisky G and Heal G (1998). Securitizing the biosphere. *Nature* 391: 629–630

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Costanza R, d'Arge R, de Groot RS, Farber S, Grasso M, Hannon B (1997) The value of the world's ecosystem services and natural capital. *Nature* 387:253–260

[Article](#) [Google Scholar](#)

Crowards T (1998). Safe minimum standards: costs and opportunities. *Ecol Econ* 25: 303–314

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Ferraro P and Kiss A (2002). Ecology-direct payments to conserve biodiversity. *Science* 298: 1718–1719

[Article](#) [Google Scholar](#)

Goldman RL, Thompson BH, Daily GC (in press) Institutional incentives for managing the landscape: inducing cooperation for the production of ecosystem services. *Ecol Econ*

Goldstein J, Daily GC, Friday JB, Matson PA, Naylor RL and Vitousek PM (2006). Business strategies for conservation on private lands: Koa forestry as a case study. *PNAS (Proc Natl Acad Sci)* 103(26): 10140–10145

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Kremen C, Niles J, Dalton M, Daily GC, Ehrlich PR, Fay J, Grewal D and Guillery RP (2000). Economic incentives for rain forest conservation across scales. *Science* 288: 1828–1832

[Article](#) [Google Scholar](#)

Millennium Ecosystem Assessment (2005) Island Press, Washington, DC

Naidoo R and Adamowicz WL (2005) Economic benefits of biodiversity exceed costs of conservation at an African rainforest reserve. PNAS (Proc Natl Acad Sci) 102:16712–16716

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Pearce DW (2007). Do we really care about biodiversity?. *Environ Resour Econ* 37: 313-333

[Article](#) [Google Scholar](#)

Ricketts TH, Daily GC, Ehrlich PR and Michener C (2004). Economic value of tropical forest to coffee production. *PNAS (Proc Natl Acad Sci)* 101: 12579-12582

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SFB (State Forestry Bureau) (2005) China's Forestry Development Report, the State Forestry Bureau

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UNFAO (United Nations Food and Agriculture Organization) (2004) Payment schemes for environmental services in watersheds. UNFAO, Rome

Westman W (1977). How much are nature's services worth?. *Science* 197: 960-964

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Yuan-Farrell C and Kareiva P (2006a). Ecosystem services: status and summaries. The Nature Conservancy, Arlington, Virginia, USA

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