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[Evaluation of economic forest ecosystem services in China].  
(PMID:19459385)

[Wang B, Lu SW](#)

Laboratory of Forest Ecology and Environment, State Forestry Administration, Institute of Forest Ecology Environment and Protection, Chinese Academy of Forestry, Beijing 100091, China. wangbing@caf.ac.cn

[Ying Yong Sheng tai xue bao = The Journal of Applied Ecology / Zhongguo Sheng tai xue xue Hui. Zhongguo ke xue Yuan Shenyang](#)

[Ying Yong Sheng tai yan jiu suo zhu ban](#) [2009, 20(2):417-425]

Type: Journal Article, Research Support, Non-U.S. Gov't, English Abstract (lang: chi)

Abstract

Highlight Terms

No biological terms identified

This paper quantitatively evaluated the economic forest ecosystem services in the provinces of China in 2003, based on the long-term and continuous observations of economic forest ecosystems in this country, the sixth China national forest resources inventory data, and the price parameter data from the authorities in the world, and by applying the law of market value, the method of substitution of the expenses, and the law of the shadow project. The results showed that in 2003, the total value of economic forest ecosystem services in China was  $11763.39 \times 10^8$  yuan, and the total value of the products from economic forests occupied 19.3% of the total ecosystem services value, which indicated that the economic forests not only provided society direct products, but also exhibited enormous eco-economic value. The service value of the functions of economic forests was in the order of water storage > C fixation and O<sub>2</sub> release > biodiversity conservation > erosion control > air quality purification > nutrient cycle. The spatial pattern of economic forest ecosystem services in the provinces of China had the same trend with the spatial distribution of water and heat resources and biodiversity. To understand the differences of economic forest ecosystem services in the provinces of China was of significance in alternating the irrational arrangement of our present forestry production, diminishing the abuses of forest management, and establishing high grade, high efficient, and modernized economic forests.

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(PMID:16262073)

Fang J, Lu S, Yu X, Rao L, Niu J, Xie Y, Zhag Z

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Aug;16(8):1531-6]

[\[A review on disturbance ecology of forest\].](#)

(PMID:15624796)

Zhu J, Liu Z

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Oct;15(10):1703-10]

[\[Attributes of forest infrastructure\].](#)

(PMID:17763742)

Gao JK, Jin YS

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Jun;18(6):1351-5]

[Economic impacts of invasive species in forests: past, present, and future.](#)

(PMID:19432643)

Holmes TP, Aukema JE, Von Holle B, Liebhold A, Sills E

Annals of the New York Academy of Sciences [2009 Apr;1162:18-38]

[Forest management and biodiversity conservation based on natural ecosystem dynamics in northern Europe: the complexity challenge.](#)

(PMID:19860154)

Kuuluvainen T

Ambio [2009 Sep;38(6):309-15]

[\[Forest degradation/decline: research and practice\].](#)

(PMID:17886658)

Zhu JJ, Li FQ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Jul;18(7):1601-9]

[\[Forest health ecological risk assessment in China\].](#)

(PMID:15146655)

Xiao F, Ouyang H, Cheng S, Zhang Q

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Feb;15(2):349-53]

[Valuing biodiversity and ecosystem services: Why put economic values on Nature?](#)

(PMID:21640956)

Salles JM

Comptes rendus biologies [2011 May;334(5-6):469-82]

[\[Historical range of variability in forest ecosystem management: applications and prospects\].](#)

(PMID:20879548)

Wu ZF, Li YH, Chang Y, Hu ZB

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
yong sheng tai yan jiu suo zhu ban [2010 Jul;21(7):1859-66]

[Forest restoration, biodiversity and ecosystem functioning.](#)

(PMID:22115365)

Aerts R, Honnay O

BMC ecology [2011 Nov 24;11:29]

[\[Key problems in ecological research on vegetations in Northeast China\].](#)

(PMID:15624797)

Zou C, Xu W

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
yong sheng tai yan jiu suo zhu ban [2004 Oct;15(10):1711-21]

[\[Management modes of different ownership forests and their ecological effects: a review\].](#)

(PMID:21941768)

Li NN, Li YH

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
yong sheng tai yan jiu suo zhu ban [2011 Jun;22(6):1623-31]

[\[Ecological misunderstanding, integrative approach, and potential industries in circular economy transition\].](#)

(PMID:16515204)

Wang R

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
yong sheng tai yan jiu suo zhu ban [2005 Dec;16(12):2439-46]

[Forest wildlife management and conservation.](#)

(PMID:19432653)

Lindenmayer DB

Annals of the New York Academy of Sciences [2009 Apr;1162:284-310]

[Ecological and socioeconomic effects of China's policies for ecosystem services.](#)

(PMID:18621700)

Liu J, Li S, Ouyang Z, Tam C, Chen X

Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9477-82]

[Achieving conservation goals in managed forests of the southeastern coastal plain.](#)

(PMID:19856021)

Loehle C, Wigley TB, Schilling E, Tatum V, Beebe J, Vance E, Van Deusen P, Weatherford P

Environmental management [2009 Dec;44(6):1136-48]

[\[Advance in researches on the effect of forest on hydrological process\].](#)

(PMID:12722452)

Zhang Z, Yu X, Zhao Y, Qin Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
yong sheng tai yan jiu suo zhu ban [2003 Jan;14(1):113-6]

[Economic valuation of ecosystem services: discussion and application.](#)

(PMID:12378947)

Lazo JK

Drug and chemical toxicology [2002 Nov;25(4):349-74]



[Urban forests and pollution mitigation: analyzing ecosystem services and disservices.](#)

(PMID:21316130)

Escobedo FJ, Kroeger T, Wagner JE

Environmental pollution (Barking, Essex : 1987) [2011 Aug-Sep;159(8-9):2078-87]



[\[Edge effect and its impacts on forest ecosystem: a review\].](#)

(PMID:22097386)

Tian C, Yang XB, Liu Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Aug;22(8):2184-92]



[Economic valuation of wetlands.](#)

(PMID:16334281)

Ramachandra TV, Rajinikanth R, Ranjini VG

Journal of environmental biology / Academy of Environmental Biology, India [2005 Jun;26(2 Suppl):439-47]



[\[Research advances in dynamic mechanism and its simulation of eco-hydrological process in forest catchment\].](#)

(PMID:15825459)

Diao Y, Pei T

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Dec;15(12):2369-76]



[\[Effects of climate change on forest succession\].](#)

(PMID:15624798)

Wang J, Pei T

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Oct;15(10):1722-30]



[The role of frugivorous bats in tropical forest succession.](#)

(PMID:17944618)

Muscarella R, Fleming TH

Biological reviews of the Cambridge Philosophical Society [2007 Nov;82(4):573-90]



[\[Application of succession study in tending and restoration of evergreen broadleaved forest\].](#)

(PMID:12836554)

Ding S, Song Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2003 Mar;14(3):423-6]



[\[Degradation of main ecosystems in South China Sea and corresponding conservation countermeasures\].](#)

(PMID:17209404)

Lan Z, Chen G

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Oct;17(10):1978-82]



[Forest habitat conservation in Africa using commercially important insects.](#)

(PMID:20822451)

Raina SK, Kioko E, Zethner O, Wren S

Annual review of entomology [2011;56:465-85]



[Rules and regulations of the Government of Vietnam on collection and exportation of biological materials.](#)

(PMID:9213614)

Mai TV, Tran KC

Journal of ethnopharmacology [1996 Apr;51(1-3):173-6]

[\[Silviculture of poplar plantation in China: a review\].](#)

(PMID:19123371)

Fang SZ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Oct;19(10):2308-16]

[Economic reasons for conserving wild nature.](#)

(PMID:12169718)

Balmford A, Bruner A, Cooper P, Costanza R, Farber S, Green RE, Jenkins M, Jefferiss P, Jessamy V, Madden J, Munro K, Myers N, Naeem S, Paavola J, Rayment M, Rosendo S, Roughgarden J, Trumper K, Turner RK  
Science (New York, N.Y.) [2002 Aug 9;297(5583):950-3][\[Biological and ecological bases of using insect as a bio-indicator to asses forest health\].](#)

(PMID:18839929)

Wang YP, Wu H, Xu HC

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Jul;19(7):1625-30]

[A new and integrated hydro-economic accounting and analytical framework for water resources: a case study for North China.](#)

(PMID:17719717)

Guan D, Hubacek K

Journal of environmental management [2008 Sep;88(4):1300-13]

[National park development in China: conservation or commercialization?](#)

(PMID:22038320)

Wang G, Innes JL, Wu SW, Krzyzanowski J, Yin Y, Dai S, Zhang X, Liu S  
Ambio [2012 May;41(3):247-61][The diversity of the ecosystem services concept and its implications for their assessment and management.](#)

(PMID:21640953)

Lamarque P, Quétier F, Lavorel S

Comptes rendus biologiques [2011 May;334(5-6):441-9]

[Ecosystem services and agriculture: tradeoffs and synergies.](#)

(PMID:20713396)

Power AG

Philosophical transactions of the Royal Society of London. Series B, Biological sciences [2010 Sep 27;365(1554):2959-71]

[Global mapping of ecosystem services and conservation priorities.](#)

(PMID:18621701)

Naidoo R, Balmford A, Costanza R, Fisher B, Green RE, Lehner B, Malcolm TR, Ricketts TH

Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9495-500]

[Global consequences of land use.](#)

(PMID:16040698)

Foley JA, Defries R, Asner GP, Barford C, Bonan G, Carpenter SR, Chapin FS, Coe MT, Daily GC, Gibbs HK, Helkowski JH, Holloway T, Howard EA, Kucharik CJ, Monfreda C, Patz JA, Prentice IC, Ramankutty N, Snyder PK  
Science (New York, N.Y.) [2005 Jul 22;309(5734):570-4][Environmental services provided from riparian forests in the Nordic countries.](#)

(PMID:21141775)

Gundersen P, Laurén A, Finér L, Ring E, Koivusalo H, Saetersdal M, Weslien JO, Sigurdsson BD, Högbom L, Laine J, Hansen K  
Ambio [2010 Dec;39(8):555-66]

[Ecosystem services provided by bats.](#)

(PMID:21449963)

Kunz TH, Braun de Torrez E, Bauer D, Lobova T, Fleming TH  
Annals of the New York Academy of Sciences [2011 Mar;1223:1-38]

[\[Some issues on assessing natural capital of environment and ecosystems\].](#)

(PMID:11855168)

Li S, Zheng D, Yang Q

Huan jing ke xue= Huanjing kexue / [bian ji, Zhongguo ke xue yuan huan jing ke xue wei yuan hui "Huan jing ke xue" bian ji wei yuan hui.] [2001 Nov;22(6):103-7]

[\[Some ideas about ecological assets assessment\].](#)

(PMID:18163325)

Song PF, Hao ZQ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Oct;18(10):2367-73]

[Ecological economics of soil erosion: a review of the current state of knowledge.](#)

(PMID:21332496)

Adhikari B, Nadella K

Annals of the New York Academy of Sciences [2011 Feb;1219:134-52]

[\[Present status and prospects of estuarine wetland research in China\].](#)

(PMID:17147193)

Huang G, He P, Hou M

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Sep;17(9):1751-6]

[An ecosystem services framework to support both practical conservation and economic development.](#)

(PMID:18621702)

Tallis H, Kareiva P, Marvier M, Chang A

Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9457-64]

[Future directions in air quality research: economic issues.](#)

(PMID:12676216)

Adams RM, Horst RL

Environment international [2003 Jun;29(2-3):289-302]

[Protecting rare, little known, old-growth forest-associated fungi in the Pacific Northwest USA: a case study in fungal conservation.](#)

(PMID:18486464)

Molina R

Mycological research [2008 Jun;112(Pt 6):613-38]

[\[Ecosystem approach: a new concept for ecosystem management\].](#)

(PMID:15825458)

Wang S, Zhao S

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Dec;15(12):2364-8]



[\[A discussion on basic content and evaluation index system of agroecosystem health\].](#)

(PMID:15574011)

Zhang J, Luo S

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Aug;15(8):1473-6]

[\[Research progress in water eco-functional regionalization\].](#)

(PMID:20353083)

Li YM, Zeng WL, Zhou QX

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 Dec;20(12):3101-8]

[Valuing ecosystem services: theory, practice, and the need for a transdisciplinary synthesis.](#)

(PMID:20146762)

Liu S, Costanza R, Farber S, Troy A

Annals of the New York Academy of Sciences [2010 Jan;1185:54-78]

[\[Ecological carrying capacity and Chongming Island's ecological construction\].](#)

(PMID:16515205)

Wang K, Zou C, Kong Z, Wang T, Chen X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Dec;16(12):2447-53]

[Prospects for tropical forest biodiversity in a human-modified world.](#)

(PMID:19504750)

Gardner TA, Barlow J, Chazdon R, Ewers RM, Harvey CA, Peres CA, Sodhi NS

Ecology letters [2009 Jun;12(6):561-82]

[Accounting for ecosystem services as a way to understand the requirements for sustainable development.](#)

(PMID:18621699)

Mäler KG, Aniyar S, Jansson A

Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9501-6]

[Restoration of ecosystem services and biodiversity: conflicts and opportunities.](#)

(PMID:21782273)

Bullock JM, Aronson J, Newton AC, Pywell RF, Rey-Benayas JM

Trends in ecology &amp; evolution [2011 Oct;26(10):541-9]

[Forest health conditions in North America.](#)

(PMID:18479794)

Tkacz B, Moody B, Castillo JV, Fenn ME

Environmental pollution (Barking, Essex : 1987) [2008 Oct;155(3):409-25]

[\[Recruitment limitations of native tree species under plantations: a preliminary review\].](#)

(PMID:17974257)

Ren H, Wang J

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Aug;18(8):1855-60]

[\[Research advances in ecosystem flux\].](#)

(PMID:16422526)

Zhang X, Peng Z, Qi L, Zhou J

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Aug;18(8):1855-60]

yong sheng tai yan jiu suo zhu ban [2005 Oct;16(10):1976-82]



[\[Research progress on wetland ecosystem service and its valuation\].](#)

(PMID:17552213)

Fu JY, Ding ZH

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2007 Mar;18(3):681-6]



[Ancient woodlands: modern threats.](#)

(PMID:18771472)

Rackham O

The New phytologist [2008;180(3):571-86]



[Modelling forest dynamics: a perspective from point process methods.](#)

(PMID:17476943)

Comas C, Mateu J

Biometrical journal. Biometrische Zeitschrift [2007 Apr;49(2):176-96]



[\[Forestry Law and the conservation of natural areas and wildlife\].](#)

(PMID:9213612)

Villacrés V, Suárez M, Tafur V

Journal of ethnopharmacology [1996 Apr;51(1-3):167-72]



[\[On forest ecosystem health and its evaluation\].](#)

(PMID:12181907)

Chen G, Dai L, Fan Z, Wang Q

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2002 May;13(5):605-10]



[\[Research advance in ecosystem service of urban green space\].](#)

(PMID:15228010)

Li F, Wang R

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2004 Mar;15(3):527-31]



[Practical proxies for tidal marsh ecosystem services: application to injury and restoration.](#)

(PMID:18929066)

Peterson CH, Able KW, Dejong CF, Piehler MF, Simenstad CA, Zedler JB

Advances in marine biology [2008;54:221-66]



[Artificial persons against nature: environmental governmentality, economic corporations, and ecological ethics.](#)

(PMID:22168354)

Northcott MS

Annals of the New York Academy of Sciences [2012 Feb;1249:104-17]



[The environmental behaviour of polychlorinated phenols and its relevance to cork forest ecosystems: a review.](#)

(PMID:17909638)

McLellan I, Carvalho M, Silva Pereira C, Hursthouse A, Morrison C, Tatner P, Martins I, San Romão MV, Leitão M

Journal of environmental monitoring : JEM [2007 Oct;9(10):1055-63]



[Biotechnology and the domestication of forest trees.](#)

(PMID:15831381)

Boerjan W



Current opinion in biotechnology [2005 Apr;16(2):159-66]



[Industrial sustainability in China: practice and prospects for eco-industrial development.](#)

(PMID:16814924)

Fang Y, Côté RP, Qin R

Journal of environmental management [2007 May;83(3):315-28]



[A framework for assessment and monitoring of small mammals in a lowland tropical forest.](#)

(PMID:12125752)

Solari S, Rodriguez JJ, Vivar E, Velazco PM

Environmental monitoring and assessment [2002 May;76(1):89-104]



[Important ecological topics on regional scale ecosystem management in China.](#)

(PMID:12385225)

Yu G, Xie G, Yu Z, Wang Q

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2002 Jul;13(7):885-91]



[Mapping and valuing ecosystem services as an approach for conservation and natural-resource management.](#)

(PMID:19432652)

Tallis H, Polasky S

Annals of the New York Academy of Sciences [2009 Apr;1162:265-83]



[The economic value of ecosystem services in the Great Barrier Reef: our state of knowledge.](#)

(PMID:21332495)

Stoeckl N, Hicks CC, Mills M, Fabricius K, Esparon M, Kroon F, Kaur K, Costanza R

Annals of the New York Academy of Sciences [2011 Feb;1219:113-33]



[Ecology for transformation.](#)

(PMID:16769430)

Carpenter SR, Folke C

Trends in ecology & evolution [2006 Jun;21(6):309-15]



[Ecosystem services: from theory to implementation.](#)

(PMID:18621697)

Daily GC, Matson PA

Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9455-6]



[Priority actions for sustainable forest management in the International Year of Forests.](#)

(PMID:22594598)

Dellasala DA, Fitzgerald JM, Jonsson BG, McNeely JA, Dovie BD, Dieterich M, Majluf P, Nemtsov SC, Nevin OT, Parsons EC, Watson JE

Conservation biology : the journal of the Society for Conservation Biology [2012 Jun;26(3):572-5]



[Earth's vanishing medicine cabinet: rain forest destruction and its impact on the pharmaceutical industry.](#)

(PMID:7618640)

Newman EB

American journal of law & medicine [1994;20(4):479-501]



[Approaches for assessing forest ecosystem health.](#)

(PMID:12974013)

Chen G, Deng H, Wang Q, Dai L, Hao Z

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2003 Jun;14(6):995-9]



[\[Ecological effects of utilizing non-timber forest products\].](#)

(PMID:21657041)

Yang J, Luan XF

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Mar;22(3):800-9]



[Climate change impacts on forestry.](#)

(PMID:18077403)

Kirilenko AP, Sedjo RA

Proceedings of the National Academy of Sciences of the United States of America [2007 Dec 11;104(50):19697-702]



[Ecosystem service trends in basin-scale restoration initiatives: a review.](#)

(PMID:22813855)

Trabucchi M, Ntshotsho P, O'Farrell P, Comín FA

Journal of environmental management [2012 Nov 30;111:18-23]



[Refocusing on nature: holistic assessment of ecosystem services.](#)

(PMID:22275080)

Menzie CA, Deardorff T, Booth P, Wickwire T

Integrated environmental assessment and management [2012 Jul;8(3):401-11]



[The complete nitrogen cycle of an N-saturated spruce forest ecosystem.](#)

(PMID:19689771)

Kreutzer K, Butterbach-Bahl K, Rennenberg H, Papen H

Plant biology (Stuttgart, Germany) [2009 Sep;11(5):643-9]



[\[Principles and methodology for ecological rehabilitation and security pattern design in key project construction\].](#)

(PMID:17552212)

Chen LD, Lu YH, Tian HY, Shi Q

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Mar;18(3):674-80]



[A critical analysis of ecosystem services as a tool in conservation projects: the possible perils, the promises and the partnerships.](#)

(PMID:19432645)

Goldman RL, Tallis H

Annals of the New York Academy of Sciences [2009 Apr;1162:63-78]



[Current status of coastal zone issues and management in China: a review.](#)

(PMID:17532045)

Cao W, Wong MH

Environment international [2007 Oct;33(7):985-92]



[\[Roles of forest management in global carbon dioxide mitigation\].](#)

(PMID:16836107)

Hu H, Liu G

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Apr;17(4):709-14]



[An economic analysis of biomass gasification and power generation in China.](#)

(PMID:12058832)

Wu CZ, Huang H, Zheng SP, Yin XL

Bioresource technology [2002 May;83(1):65-70]



[\[Micronutrient cycling and its affecting factors in forest ecosystems\].](#)

(PMID:19449586)

Jiang Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 Jan;20(1):197-204]



[Even-aged and uneven-aged forest management in boreal Fennoscandia: a review.](#)

(PMID:22581386)

Kuuluvainen T, Tahvonon O, Aakala T

Ambio [2012 Nov;41(7):720-37]



[\[Research progress on wind erosion control\].](#)

(PMID:17615892)

Yi XY, Zhao HL, Li YQ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Apr;18(4):905-11]



[\[Approaches to evaluate the effects of hydraulic engineering on river ecosystem services\].](#)

(PMID:12924145)

Lu C, Xie G, Cheng S, Yu G

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2003 May;14(5):803-7]



[\[Research advances in depth of edge influence of landscape boundary\].](#)

(PMID:16883831)

Li L, He X, Li X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 May;17(5):935-8]



[Complexity of coupled human and natural systems.](#)

(PMID:17872436)

Liu J, Dietz T, Carpenter SR, Alberti M, Folke C, Moran E, Pell AN, Deadman P, Kratz T, Lubchenco J, Ostrom E, Ouyang Z, Provencher W, Redman CL, Schneider SH, Taylor WW  
Science (New York, N.Y.) [2007 Sep 14;317(5844):1513-6]



[The role of mycorrhizae in afforestation \(a review\).](#)

(PMID:12109151)

Barna T

Acta microbiologica et immunologica Hungarica [2002;49(2-3):215-26]



[\[Research progress on urban green space\].](#)

(PMID:17886663)

Chang Q, Li SC, Li HY, Peng J, Wang YL

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Jul;18(7):1640-6]



[Prospects for reconciling the conflict between economic growth and biodiversity conservation with technological progress.](#)

(PMID:19076872)

Czech B

Conservation biology : the journal of the Society for Conservation Biology [2008 Dec;22(6):1389-98]



[An operational model for mainstreaming ecosystem services for implementation.](#)

(PMID:18621695)

Cowling RM, Egoh B, Knight AT, O'Farrell PJ, Reyers B, Rouget M, Roux DJ, Welz A, Wilhelm-Rechman A  
 Proceedings of the National Academy of Sciences of the United States of America [2008 Jul 15;105(28):9483-8]

[Integrating economic costs into conservation planning.](#)

(PMID:17050033)

Naidoo R, Balmford A, Ferraro PJ, Polasky S, Ricketts TH, Rouget M  
 Trends in ecology & evolution [2006 Dec;21(12):681-7]

[Ecosystem services provided by birds.](#)

(PMID:18566089)

Whelan CJ, Wenny DG, Marquis RJ  
 Annals of the New York Academy of Sciences [2008;1134:25-60]

[Understanding and managing human threats to the coastal marine environment.](#)

(PMID:19432644)

Crain CM, Halpern BS, Beck MW, Kappel CV  
 Annals of the New York Academy of Sciences [2009 Apr;1162:39-62]

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(PMID:20879539)

Wang B, Lu SW, You WZ, Ren XX, Xing ZK, Wang SM

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
 yong sheng tai yan jiu suo zhu ban [2010 Jul;21(7):1792-8]

[\[Evaluation of ecosystem provisioning service and its economic value\].](#)

(PMID:20462013)

Wu N, Gao JX, Sudebilige, Ricketts TH, Olwero N, Luo ZL

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
 yong sheng tai yan jiu suo zhu ban [2010 Feb;21(2):409-14]

[\[Eco-value level classification and ecosystem management strategy of broad-leaved Korean pine forest in Changbai Mountain\].](#)

(PMID:12973979)

Zheng J, Jiang F, Zeng D

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
 yong sheng tai yan jiu suo zhu ban [2003 Jun;14(6):839-44]

[\[Dynamic changes of ecosystem service value in Pinggu District of Beijing\].](#)

(PMID:19123363)

Li B, Song XY, Xie HL, Hao LX, Zhang SH

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
 yong sheng tai yan jiu suo zhu ban [2008 Oct;19(10):2251-8]

[\[Ecological regulation services of Hainan Island ecosystem and their valuation\].](#)

(PMID:15573995)

Ouyang Z, Zhao T, Zhao J, Xiao H, Wang X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying  
 yong sheng tai yan jiu suo zhu ban [2004 Aug;15(8):1395-402]

[\[Forest ecosystem services and their ecological valuation--a case study of tropical forest in Jianfengling of Hainan Island\].](#)

(PMID:11767660)

Xiao H, Ouyang Z, Zhao J, Wang X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2000 Aug;11(4):481-4]

[\[Ecosystem service value and its application in evaluation of eco-economic harmonious development\].](#)

(PMID:18260463)

Wu JZ, Li B, Zhang XS

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Nov;18(11):2554-8]

[\[Evaluation of resource exploitation value and ecosystem service loss in Mentougou District of Beijing City\].](#)

(PMID:19795655)

Liu XS, Li F, Zhao D, Wang BB

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 Jun;20(6):1431-7]

[\[Environmental impact assessment of the land use change in china based on ecosystem service value\].](#)

(PMID:17256625)

Ran SH, Lü CH, Jia KJ, Qi YH

Huan jing ke xue= Huanjing kexue / [bian ji, Zhongguo ke xue yuan huan jing ke xue wei yuan hui "Huan jing ke xue" bian ji wei yuan hui.] [2006 Oct;27(10):2139-44]

[\[Environmental benefit-loss analysis of agro-ecosystem in Haihe River Basin, China\].](#)

(PMID:21361021)

Bai Y, Ouyang ZY, Zheng H, Xu WH, Jiang B, Fang Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Nov;21(11):2938-45]

[\[Hydroelectricity production and forest conservation in watersheds\].](#)

(PMID:17913122)

Guo Z, Li Y, Xiao X, Zhang L, Gan Y

Ecological applications : a publication of the Ecological Society of America [2007 Sep;17(6):1557-62]

[\[Forest ecosystem services and eco-compensation mechanisms in China\].](#)

(PMID:21882001)

Deng H, Zheng P, Liu T, Liu X

Environmental management [2011 Dec;48(6):1079-85]

[\[Evaluation of ecosystem services of Chinese pine forests in China\].](#)

(PMID:18622750)

Guo H, Wang B, Ma X, Zhao G, Li S

Science in China. Series C, Life sciences / Chinese Academy of Sciences [2008 Jul;51(7):662-70]

[\[Designing a carbon market that protects forests in developing countries\].](#)

(PMID:12460503)

Nielsen E, Frumhoff PC, Manion M, Hardner JJ

Philosophical transactions. Series A, Mathematical, physical, and engineering sciences [2002 Aug 15;360(1797):1875-88]

[\[Measurement of terrestrial ecosystem service value in China\].](#)

(PMID:16180767)

He H, Pan Y, Zhu W, Liu X, Zhang Q, Zhu X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Jun;16(6):1122-7]



[Mapping the economic costs and benefits of conservation.](#)

(PMID:17076583)

Naidoo R, Ricketts TH

PLoS biology [2006 Oct;4(11):e360]



[\[A services value of different landscape types in Longitudinal Range-Gorge Region\].](#)

(PMID:19102317)

Xu T, Li ZH, Niu JM, Bao YJ, Cheng Y, Lü HY, Wang HM, Gao JX

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Sep;19(9):2009-15]



[\[Dynamics of ecosystem services value in Aksu River watershed in 1960 -2008\].](#)

(PMID:20462012)

Zhou DC, Luo GP, Xu WQ, Feng YX

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Feb;21(2):399-408]



[\[Evaluation of cultural service value of aquaculture pond ecosystem: a case study in a water conservation area of Shanghai\].](#)

(PMID:20353080)

Li S, Guo ZX, Yang HY, Yang ZY

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 Dec;20(12):3075-83]



[Post-socialist forest disturbance in the Carpathian border region of Poland, Slovakia, and Ukraine.](#)

(PMID:17708208)

Kuemmerle T, Hostert P, Radeloff VC, Perzanowski K, Kruhlov I

Ecological applications : a publication of the Ecological Society of America [2007 Jul;17(5):1279-95]



[\[A review on fundamental studies of secondary forest management\].](#)

(PMID:12682984)

Zhu J

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2002 Dec;13(12):1689-94]



[\[Service value assessment of orchard ecosystem: a case of Putian City of Fujian\].](#)

(PMID:22126054)

Chen J, Wu DW

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Sep;22(9):2399-404]



[Silvicultural management in maintaining biodiversity and resistance of forests in Europe-temperate zone.](#)

(PMID:12659804)

Spiecker H

Journal of environmental management [2003 Jan;67(1):55-65]



[\[Simulation of carbon stocks of forest ecosystems in Northeast China from 1981 to 2002\].](#)

(PMID:19459359)

Zhao JF, Yan XD, Jia GS

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2009 Feb;20(2):241-9]



[Changes in biodiversity and ecosystem function during the restoration of a tropical forest in south China.](#)

(PMID:17447036)

Ren H, Li Z, Shen W, Yu Z, Peng S, Liao C, Ding M, Wu J

Science in China. Series C, Life sciences / Chinese Academy of Sciences [2007 Apr;50(2):277-84]



[Beyond deforestation: restoring forests and ecosystem services on degraded lands.](#)

(PMID:18556551)

Chazdon RL

Science (New York, N.Y.) [2008 Jun 13;320(5882):1458-60]



[\[Ecosystem services value of coastal tidal zone in Dongtai City of Jiangsu Province\].](#)

(PMID:16883819)

Zhu Z, Sun L

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 May;17(5):878-82]



[Forest ecosystem services of changbai mountain in china.](#)

(PMID:18763060)

Wu G, Xiao H, Zhao J, Shao G, Li J

Science in China. Series C, Life sciences / Chinese Academy of Sciences [2002 Feb;45(1):21-32]



[Modeling the forest transition: forest scarcity and ecosystem service hypotheses.](#)

(PMID:17974339)

Satake A, Rudel TK

Ecological applications : a publication of the Ecological Society of America [2007 Oct;17(7):2024-36]



[China's forest policy for the 21st century.](#)

(PMID:10896587)

Zhang P, Shao G, Zhao G, Le Master DC, Parker GR, Dunning JB Jr, Li Q

Science (New York, N.Y.) [2000 Jun 23;288(5474):2135-6]



[\[Ecological classification system of forest landscape in eastern mountainous region of Liaoning Province\].](#)

(PMID:18419066)

Tang LN, Wang QL, Dai LM, Shao GF

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Jan;19(1):20-4]



[\[Water conservation functions of several artificial forest ecosystems in semiarid region of western Liaoning Province\].](#)

(PMID:15362608)

Luo Y, Han S, Wang H, Liu J, Wei J, Wu G

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Jun;15(6):919-23]



[\[Water and soil conservation function of typical plantation forest ecosystems in semi-arid region of Western Liaoning Province\].](#)

(PMID:18333474)

Jiang P, Guo F, Luo YC, Wei J, Sun XW, Wu G

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Dec;18(12):2905-9]



[\[Litterfall in main forest ecosystems of Northeast China\].](#)

(PMID:16110645)

Li X, Han S, Li Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 May;16(5):783-8]



[\[Values of marine ecosystem services in Sanggou Bay\].](#)

(PMID:18260461)

Zhang ZH, Lü JB, Ye SF, Zhu MY

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Nov;18(11):2540-7]



[\[Species survival and carbon retention in commercially exploited tropical rainforest.](#)

(PMID:12460497)

Prance GT

Philosophical transactions. Series A, Mathematical, physical, and engineering sciences [2002 Aug 15;360(1797):1777-85]



[\[Evaluation of the ecosystem services of artificial landscapes in Beijing\].](#)

(PMID:15623013)

Tian G, Cai BF

Huan jing ke xue= Huanjing kexue / [bian ji, Zhongguo ke xue yuan huan jing ke xue wei yuan hui "Huan jing ke xue" bian ji wei yuan hui.] [2004 Sep;25(5):5-9]



[\[Silvicultural management in maintaining biodiversity and resistance of forests in Europe-the Mediterranean region.](#)

(PMID:12659805)

Fabbio G, Merlo M, Tosi V

Journal of environmental management [2003 Jan;67(1):67-76]



[\[Dynamic changes of Ruorgai Plateau wetland ecosystem service value\].](#)

(PMID:19803173)

Zhang XY, Lü XG, Shen SP

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 May;20(5):1147-52]



[\[Changes of agroecosystem service value during urbanization of Guangzhou City, South China\].](#)

(PMID:21941754)

Ye YQ, Li YM, Zhang JE

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Jun;22(6):1523-30]



[\[The Northwest Forest Plan as a model for broad-scale ecosystem management: a social perspective.](#)

(PMID:16903094)

Charnley S

Conservation biology : the journal of the Society for Conservation Biology [2006 Apr;20(2):330-40]



[\[Ecological benefit evaluation of urban forests in Shenyang City based on QuickBird image and CITYgreen model\].](#)

(PMID:19102295)

Liu CF, He XY, Chen W, Zhao GL, Li L, Xu WD

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Sep;19(9):1865-70]



[\[Changes of agroecosystem services value under effects of land consolidation\].](#)

(PMID:20560331)

Zhang Z, Gao JQ, Wei CF

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying



yong sheng tai yan jiu suo zhu ban [2010 Mar;21(3):723-33]



[\[Forest biomass carbon storage and its dynamics in Tanjiang River basin\].](#)

(PMID:17147160)

Yang K, Guan D, Zhou C

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Sep;17(9):1579-82]



[\[Amazon Forest maintenance as a source of environmental services.\]](#)

(PMID:18345379)

Fearnside PM

Anais da Academia Brasileira de Ciencias [2008 Mar;80(1):101-14]



[\[Microclimate edge effects of evergreen broad-leaved forest fragments in Jinyun Mountain: a preliminary study\].](#)

(PMID:16689226)

Yan M, Zhong Z, Qiao X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Jan;17(1):17-21]



[\[Utilization suitability of forest resources in typical forest zone of Changbai Mountains\].](#)

(PMID:15624803)

Hao Z, Yu D, Xiong Z, Ye J

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Oct;15(10):1755-9]



[EMERGY-based environmental systems assessment of a multi-purpose temperate mixed-forest watershed of the southern Appalachian Mountains, USA.](#)

(PMID:14580723)

Tilley DR, Swank WT

Journal of environmental management [2003 Nov;69(3):213-27]



[\[Partitioning beta diversity in a subtropical broad-leaved forest of China.\]](#)

(PMID:19341137)

Legendre P, Mi X, Ren H, Ma K, Yu M, Sun IF, He F

Ecology [2009 Mar;90(3):663-74]



[\[Reform of collective forest property in Liaoning Province: a discussion\].](#)

(PMID:20707101)

Tai SS, Hu YM, Zhang HS, Han YK, Xiao ZC

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 May;21(5):1196-200]



[\[Forest landscape restoration and its affecting factors in burned area of northern Great Xing'an Mountains--taking forest coverage as an example\].](#)

(PMID:16355788)

Xie F, Xiao D, Li X, Wei J, Wang X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Sep;16(9):1711-8]



[\[Forest environmental investments and implications for climate change mitigation.\]](#)

(PMID:16825459)

Alig RJ, Bair LS

Journal of environmental quality [2006 Jul-Aug;35(4):1389-95]

[Forest restoration and forest communities: have local communities benefited from forest service contracting of ecosystem management?](#)

(PMID:18521660)

Moseley C, Reyes YE

Environmental management [2008 Aug;42(2):327-43]

[Assessing the potential of native tree species for carbon sequestration forestry in Northeast China.](#)

(PMID:17188419)

Thomas SC, Malczewski G, Sapruff M

Journal of environmental management [2007 Nov;85(3):663-71]

[Public timber supply, market adjustments, and local economies: economic assumptions of the Northwest Forest Plan.](#)

(PMID:16903095)

Power TM

Conservation biology : the journal of the Society for Conservation Biology [2006 Apr;20(2):341-50]

[\[Carbon storage, density, and distribution in forest ecosystems in Jilin Province of northeast China\].](#)

(PMID:22097362)

Wang XC, Qi G, Yu DP, Zhou L, Dai LM

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Aug;22(8):2013-20]

[\[Comprehensive management patterns of economic fruit forest in Dashan Village and their ecological and economic benefits\].](#)

(PMID:16252860)

Zhang T, Li H, Zhu Y, Yang X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Jul;16(7):1247-51]

[Reconciling salvage logging of boreal forests with a tural-disturbance management model.](#)

(PMID:16922214)

Schmiegelow FK, Stepnisky DP, Stambaugh CA, Koivula M

Conservation biology : the journal of the Society for Conservation Biology [2006 Aug;20(4):971-83]

[\[Spatial pattern of sub-alpine forest restoration in west Sichuan\].](#)

(PMID:16355787)

Zhang Y, Liu S, Zhao C

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 Sep;16(9):1706-10]

[\[Biodiversity of tree species, their populations' spatial distribution pattern and interspecific association in mixed deciduous broadleaved forest in Changbai Mountains\].](#)

(PMID:15707304)

Guo Z, Ma Y, Zheng J, Liu W, Jin Z

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Nov;15(11):2013-8]

[\[Dynamic changes of forest vegetation coverage in letianxi basin of Three Gorges Reservoir Area: a study based on multi-source data\].](#)

(PMID:18260460)

Wang TW, Shi ZH, Li ZX, Cai CF

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Nov;18(11):2533-9]

[Cost-effectiveness of dryland forest restoration evaluated by spatial analysis of ecosystem services.](#)

(PMID:21106761)

Birch JC, Newton AC, Aquino CA, Cantarello E, Echeverría C, Kitzberger T, Schiappacasse I, Garavito NT  
Proceedings of the National Academy of Sciences of the United States of America [2010 Dec 14;107(50):21925-30]



[Forest insect pest management and forest management in China: an overview.](#)

(PMID:21667316)

Ji L, Wang Z, Wang X, An L

Environmental management [2011 Dec;48(6):1107-21]



[Forest dynamics in the Eastern Ghats of Tamil Nadu, India.](#)

(PMID:18953598)

Jayakumar S, Ramachandran A, Bhaskaran G, Heo J

Environmental management [2009 Feb;43(2):326-45]



[Long-term protection effects of National Reserve to forest vegetation in 4 decades: biodiversity change analysis of major forest types in Changbai Mountain Nature Reserve, China.](#)

(PMID:18815759)

Bai F, Sang W, Li G, Liu R, Chen L, Wang K

Science in China. Series C, Life sciences / Chinese Academy of Sciences [2008 Oct;51(10):948-58]



[Carbon losses from forest fire in Jiangxi Province, China in 1950-2008.](#)

(PMID:21265144)

Huang L, Shao QQ, Liu JY

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Sep;21(9):2241-8]



[Forest cover change, physiography, local economy, and institutions in a mountain watershed in Nepal.](#)

(PMID:14708066)

Gautam AP, Shivakoti GP, Webb EL

Environmental management [2004 Jan;33(1):48-61]



[Ecological risk assessment of forest resource in northeast China.](#)

(PMID:12973984)

Wang C, Wang J, Liu J, Zhang X, Yan D

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2003 Jun;14(6):863-6]



[Impact of land use and land cover changes on ecosystem services in Menglun, Xishuangbanna, Southwest China.](#)

(PMID:18157650)

Hu H, Liu W, Cao M

Environmental monitoring and assessment [2008 Nov;146(1-3):147-56]



[Accuracy assessment of a small-area method for estimating the spatial distribution of the degree of tree damage.](#)

(PMID:17370136)

Podlaski R

Environmental monitoring and assessment [2007 Dec;135(1-3):339-51]



[Characteristics of carbon stock in artificial forest ecosystem in Sichuan Province of China.](#)

(PMID:18975736)

Huang CD, Zhang J, Yang WQ, Zhang GQ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Aug;19(8):1644-50]



[\[Effects of artificial reef construction to marine ecosystem services value: a case of Yang-Meikeng artificial reef region in Shenzhen\].](#)

(PMID:22097382)

Qin CX, Chem PM, Jia XP

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2011 Aug;22(8):2160-6]

[Biodiversity conservation, ecosystem functioning, and economic incentives under cocoa agroforestry intensification.](#)

(PMID:19765036)

Bisseleua DH, Missou AD, Vidal S

Conservation biology : the journal of the Society for Conservation Biology [2009 Oct;23(5):1176-84]

[\[Forest biomass and its dynamics in Pearl River Delta\].](#)

(PMID:17615860)

Yang K, Guan DS

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Apr;18(4):705-12]

[Species loss and aboveground carbon storage in a tropical forest.](#)

(PMID:16239439)

Bunker DE, Declerck F, Bradford JC, Colwell RK, Perfecto I, Phillips OL, Sankaran M, Naeem S  
Science (New York, N.Y.) [2005 Nov 11;310(5750):1029-31][\[On the tasks and developmental problems of forest ecology\].](#)

(PMID:12132169)

Jiang Y

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2002 Mar;13(3):347-8]

[Forest policy in the EU and its influence on the plant diversity of woodlands.](#)

(PMID:12659800)

Wulf M

Journal of environmental management [2003 Jan;67(1):15-25]

[Rain forest promotes trophic interactions and diversity of trap-nesting Hymenoptera in adjacent agroforestry.](#)

(PMID:16637985)

Klein AM, Steffan-Dewenter I, Tschamtker T

The Journal of animal ecology [2006 Mar;75(2):315-23]

[\[Comprehensive evaluation of eco-tourism resources in Yichun forest region of Northeast China\].](#)

(PMID:17269347)

Huang M, Hu H, Zhang J, Chen L

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Nov;17(11):2163-9]

[Hydrological eco-service of rubber plantations in Hainan Island and its effect on local economic development.](#)

(PMID:14562935)

Jiang JS, Wang RS

Journal of environmental sciences (China) [2003 Sep;15(5):701-9]

[\[Application of indicator species in predicting forest management effect on forest species diversity and community composition\].](#)

(PMID:21608237)

Su XJ, Li YL, Singh A, Yan SK, Zhang DG, Wang SL

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying

yong sheng tai yan jiu suo zhu ban [2011 Feb;22(2):280-6]



[\[Spatiotemporal variation of carbon storage in forest vegetation in Sichuan Province\].](#)

(PMID:18333440)

Huang CD, Zhang J, Yang WQ, Tang X

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Dec;18(12):2687-92]



[\[Species composition and ecological distribution of macrofungi in Huangpushan Natural Reserve of Anhui Province\].](#)

(PMID:20387440)

Chai XY

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Jan;21(1):174-80]



[\[Early diagnosis of low-value forest: an approach of ecological factors\].](#)

(PMID:12682946)

Du X, Jiang F, Shen H, Lin H

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2002 Dec;13(12):1523-8]



[\[Eco-environmental benefit assessment of China's South-North Water Transfer Scheme--the middle route project\].](#)

(PMID:15137661)

Duan GM, Zhao JZ, Liu GH, Ke B, Xiao H, Wu G, Deng HB

Journal of environmental sciences (China) [2004;16(2):308-15]



[\[Application of ecological classification system in China's digital forestry\].](#)

(PMID:18464630)

Tang LN, Dai LM

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2008 Feb;19(2):267-72]



[\[Measurement and dynamic analysis of ecological capital of terrestrial ecosystem in China\].](#)

(PMID:17552198)

Zhu WQ, Zhang JS, Pan YZ, Yang XQ, Jia B

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2007 Mar;18(3):586-94]



[\[Effects of acid deposition on terrestrial ecosystems and their rehabilitation strategies in China\].](#)

(PMID:12046292)

Feng ZW, Miao H, Zhang FZ, Huang YZ

Journal of environmental sciences (China) [2002 Apr;14(2):227-33]



[\[Cost-efficiency of decaying wood as a surrogate for overall species richness in boreal forests\].](#)

(PMID:16909661)

Juutinen A, Mönkkönen M, Sippola AL

Conservation biology : the journal of the Society for Conservation Biology [2006 Feb;20(1):74-84]



[\[Advances of air pollution science: from forest decline to multiple-stress effects on forest ecosystem services\].](#)

(PMID:20036449)

Paoletti E, Schaub M, Matyssek R, Wieser G, Augustaitis A, Bastrup-Birk AM, Bytnerowicz A, Günthardt-Goerg MS, Müller-Starck G, Serengil Y

Environmental pollution (Barking, Essex : 1987) [2010 Jun;158(6):1986-9]



[\[Coupling situation of agriculture-ecology-economic system in Zhifanggou watershed of Loess hilly and gully region\].](#)

(PMID:20873628)

Liu J, Wang JJ

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Jun;21(6):1511-7]

[\[Ecosystem services assessment of two watersheds of Lancang River in Yunnan, China with a decision tree approach.](#)

(PMID:19260347)

Wang C, van der Meer P, Peng M, Douven W, Hessel R, Dang C

Ambio [2009 Feb;38(1):47-54]

[\[Ecological compensation criterion in Gannan Tibetan Autonomous Prefecture based on minimum-data method\].](#)

(PMID:20136008)

Zhao XY, Dong X, Wang F, Dai QW

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2009 Nov;20(11):2730-5]

[\[Landscape ecological evaluation of Fenglin Nature Reserve: quantification and interpretation\].](#)

(PMID:16110653)

Guo Q, Wang T

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2005 May;16(5):825-32]

[\[Vegetation restoration in western Liaoning hilly region: a study based on succession theory and degradation degree of ecosystem\].](#)

(PMID:15669474)

Du X, Jiang F, Jiao Z

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2004 Sep;15(9):1507-11]

[\[Provincial ecological footprint of China in the year of 2002\].](#)

(PMID:16724736)

Chen M, Wang R, Zhang L, Huai B

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2006 Mar;17(3):424-8]

[\[Evaluation on soil anti-erodibility of soil and water conservation forest\].](#)

(PMID:11767629)

Shen H, Jiang F, Du X, Lu T

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2000 Jun;11(3):345-8]

[\[Spatial optimum allocation of shelter-forest types in Three Gorges Reservoir Area based on multiple objective grey situation decision\].](#)

(PMID:21442993)

Ma H, Zhou ZX, Wang PC, Wu CG, Xiao WF

Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban [2010 Dec;21(12):3083-90]

[\[Biodiversity in the Neotropics: ecological, economic and social values.](#)

(PMID:19197465)

Tundisi JG, Matsumura-Tundisi T

Brazilian journal of biology = Revista brasileira de biologia [2008 Nov;68(4 Suppl):913-5]

[\[Economic vulnerability of timber resources to forest fires.](#)

(PMID:22343614)

y Silva FR, Molina JR, González-Cabán A, Machuca MÁ  
Journal of environmental management [2012 Jun 15;100:16-21]  
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